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Standen

**SABRE &
SABRE T.F.**

Parts Catalogue

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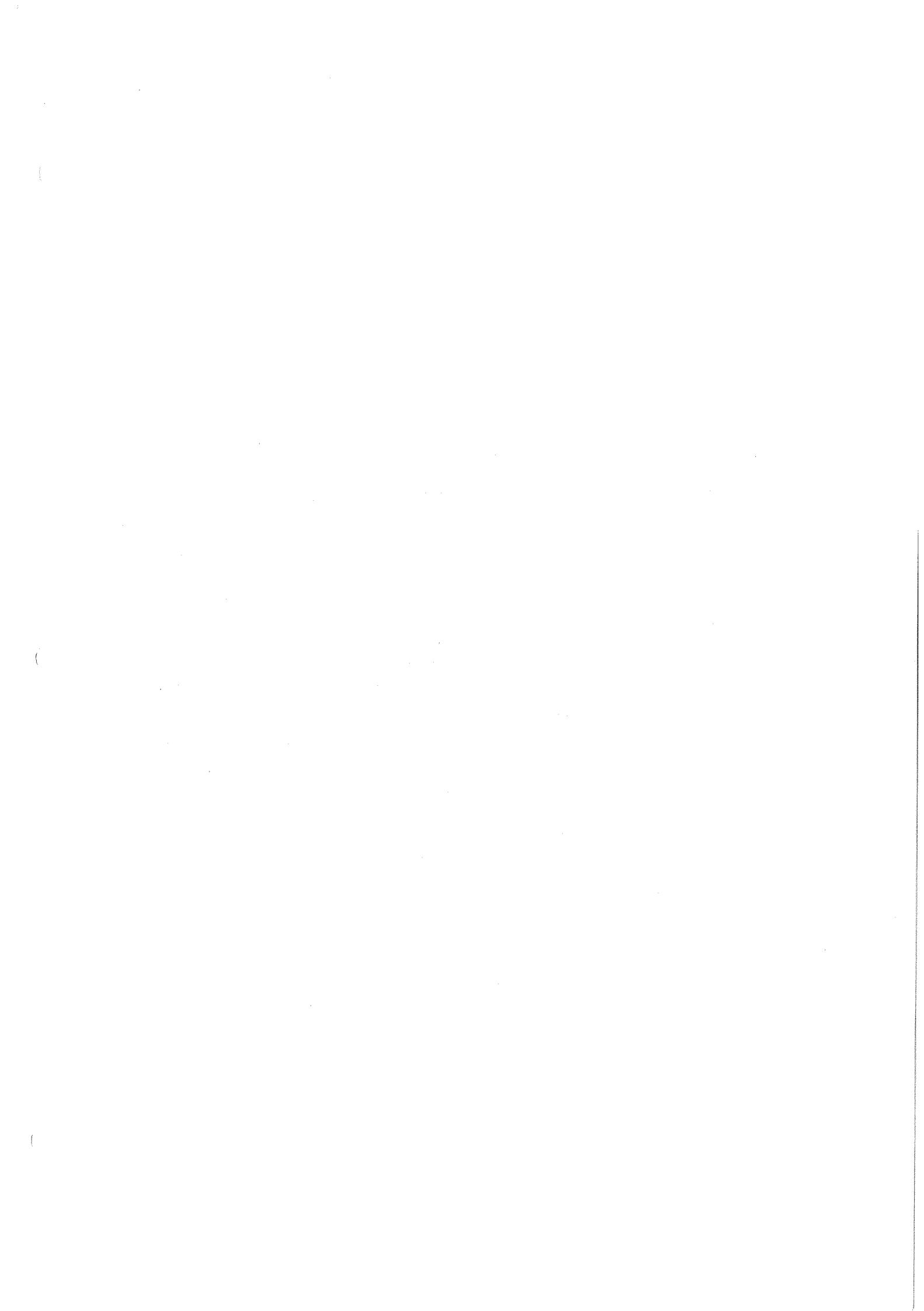
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INTRODUCTION

This manual provides the information for the adjustment and maintenance of your Standen Wuhlmaus Sabre and Sabre T.F. (Wuhlmaus 1011 and 1033, other markets), to help you obtain the best results from the machine. Before putting the machine to work, read the manual through carefully to obtain a full understanding of what the machine should do and how to obtain it.

Adjustments may have to be made singly or in combination according to crop and soil conditions. Allow the machine to settle to a new setting before making more adjustments.

Throughout this manual the terms "front", "rear", "left hand"(LH) and "right hand"(RH) are derived from the tractor driver's position facing forward and the normal direction of travel of the Wuhlmaus Sabre and Sabre T.F.

Record below details of your machine in the space provided. Always quote the serial number when ordering spare parts.

Date Purchased _____

Date Started Work _____

Serial Number _____

Agent's Name _____

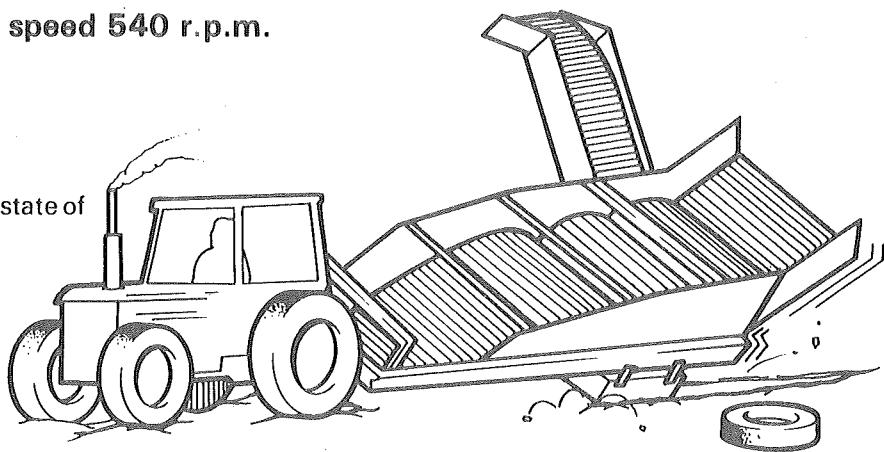
Agent's Address _____

Agent's Telephone Number _____

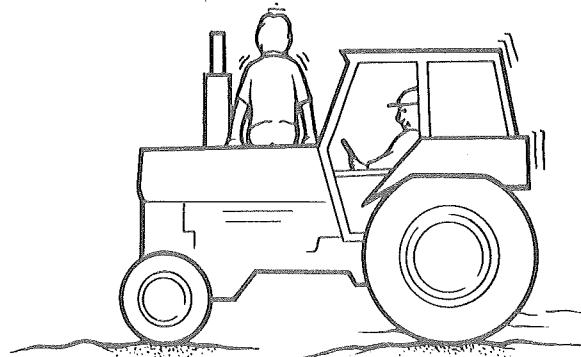
Safety Precautions

Maximum permissible P.T.O. speed 540 r.p.m.

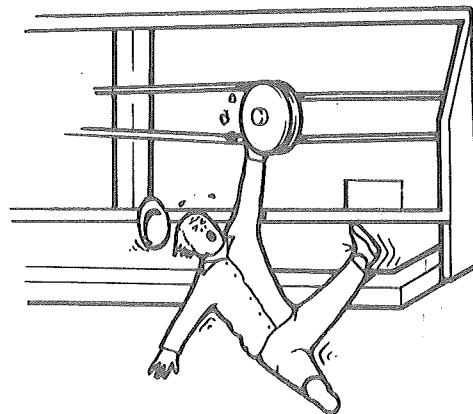
NEVER Operate the machine in a state of disrepair



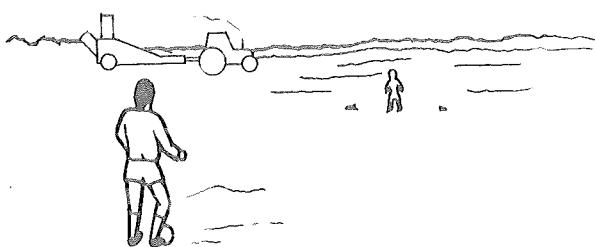
NEVER Allow anyone **especially children** to ride on the machine.



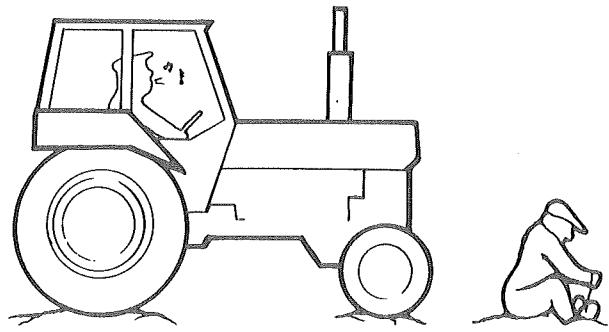
NEVER Operate the machine with any of the safety guards removed, remember they are fitted for two reasons - to keep dirt out, and more important to protect you and others from the various working parts. So, make sure they are always kept in good condition and they are fitted correctly when the machine is in work.



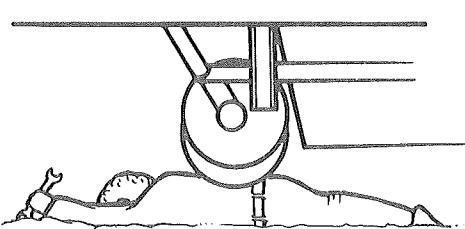
NEVER Allow children to be in the vicinity where machines are working.



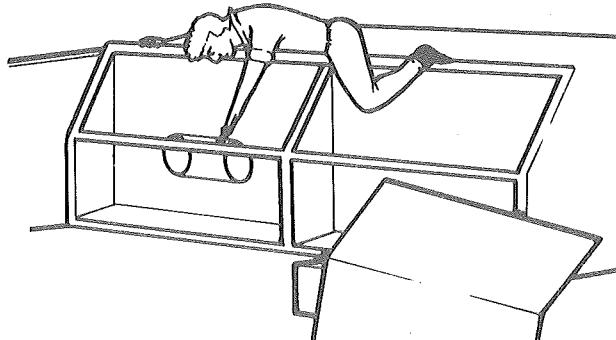
NEVER Set the machinery in motion before ensuring that every one in the vicinity is aware of your intention.



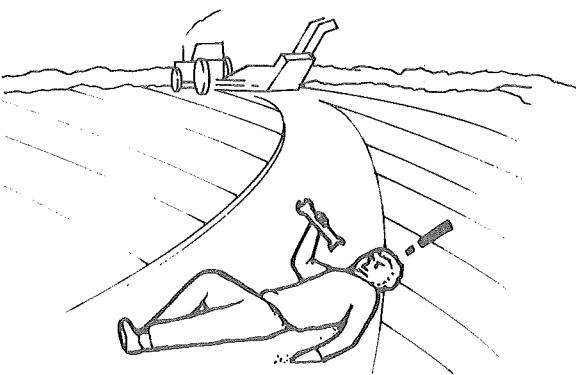
NEVER Work under the machine when it is in a raised position on the tractor hydraulic lift linkage.



NEVER Fit drive chains or drive belts while the drive sprockets or drive pulleys are in motion.



NEVER Attempt to adjust or clean any part of the machine with the tractor power take-off in motion and always stop the tractor engine.



The above list of precautions is not exhaustive. All machinery is potentially dangerous and great care must be exercised by the operator(s) at all times.

Standen Engineering Limited will not accept liability for damage or injury caused by their products except when such liability is specifically imposed by English Statute.

3. WORKING METHOD OF THE SABRE AND SABRE T.F. POTATO HARVESTER

The harvester is a tractor trailed P.T.O. driven machine with facilities for three persons to pick-off if necessary.

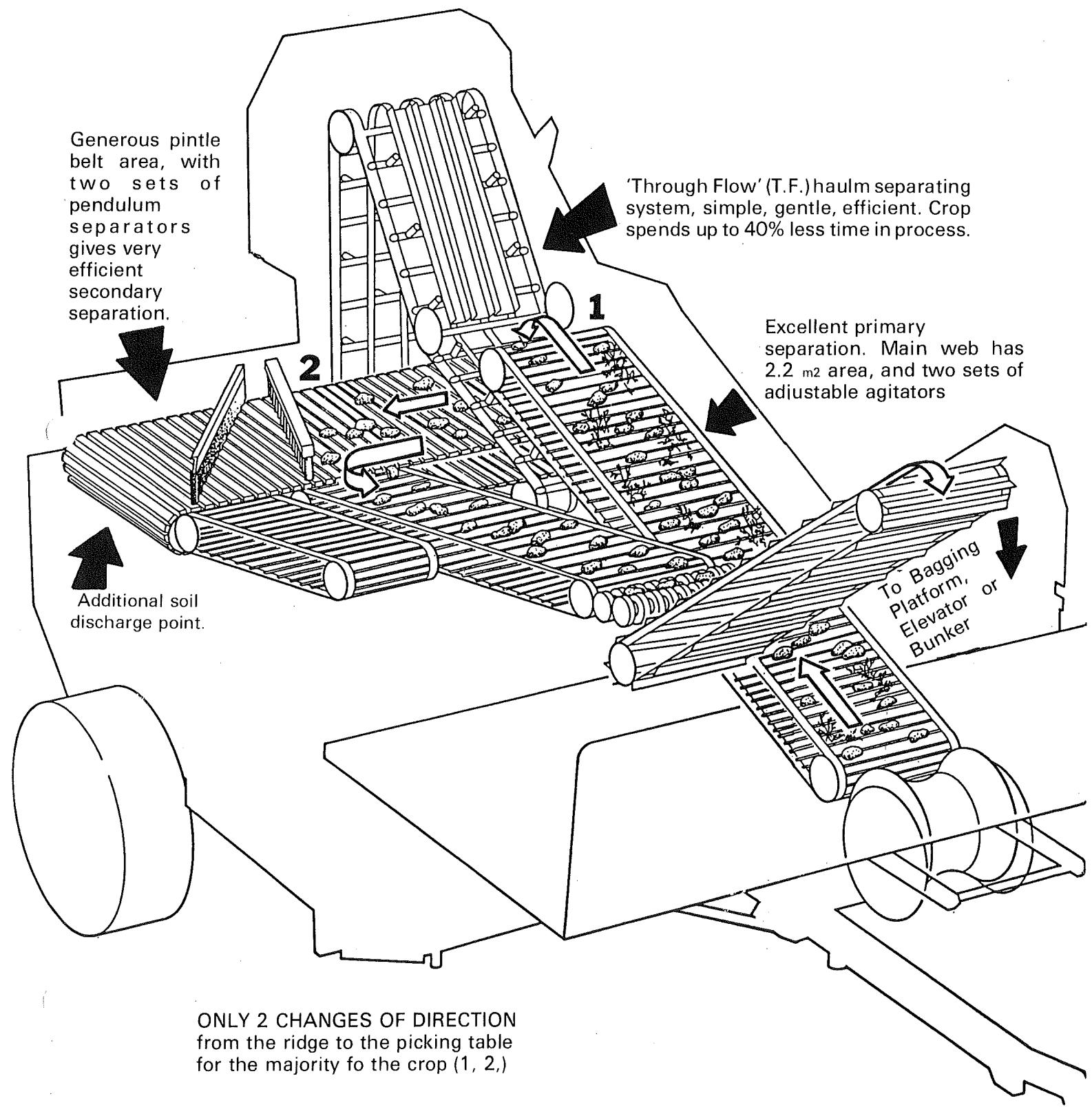
Digging is by means of a three piece share with disc coulters to either side. Haulm Intake rollers are available as an optional extra for row widths up to 34".

The crop is conveyed via the digging web, THROUGH the Haulm Separator, (hence the name Through Flow), to the Pintle Separator Belt and Pendulum Comb Separator to the picking table where manual sorting is carried out. An adjustable Grading Area completes the sorting before potatoes are elevated to either Bagging platform, Rolling Bunker or Discharge Elevator options. (see crop flow diagram).

Sabre T.F.

Crop Flow Path.

- ★ Does away with the need for a cage, ring type, or 'C' type elevator.
- ★ No bottlenecks, reduced blockages, damage points removed.
- ★ Fewer moving parts, less complication, less wear, lower running costs.
- ★ Longer machine life, greater reliability.



Standen - Wuhlmaus – Simply better.

4. OPERATING INSTRUCTIONS

Ensure that guards are properly fitted at all times when operating the machine.

Check gear-box oil level, drive belts and chains for correct tension before running the machine for the first time.

5. DRAW-BAR

Hydraulic draw-bar steering is standard equipment of 'Sabre T.F.' Potato harvesters, horizontal machine levelling is possible by repositioning the adjustable touring eye.

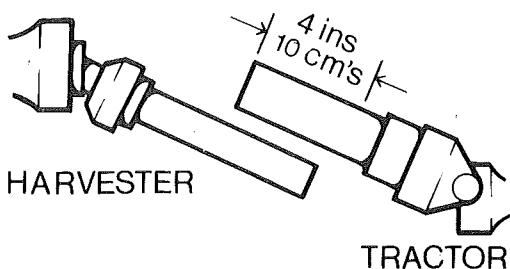
6. P.T.O. SHAFT

The P.T.O. coupling supplied with the harvester is fitted with an overload clutch to protect the drive system.

P.T.O. coupling to tractor and harvester - The PTO coupling supplied with the harvester may require cutting to a correct length to suit individual tractors. To do this the coupling should be parted and the two ends fitted to the tractor and harvester respectively. The male and female shafts can be measured alongside each other and an adjustment made by cutting the surplus bar from both the male and female shafts. At least 4" (10cms.) overlap should be allowed, see diagram 1. After the correct length of the coupling has been obtained, the P.T.O. coupling guard should be cut to correspond with the coupling. Finally, before engaging the P.T.O., secure the guard by fixing the chain to a convenient place on the harvester.

Note - Before adjusting length of P.T.O. shaft, the effect of draw-bar steering must be considered.

Dia. 1.



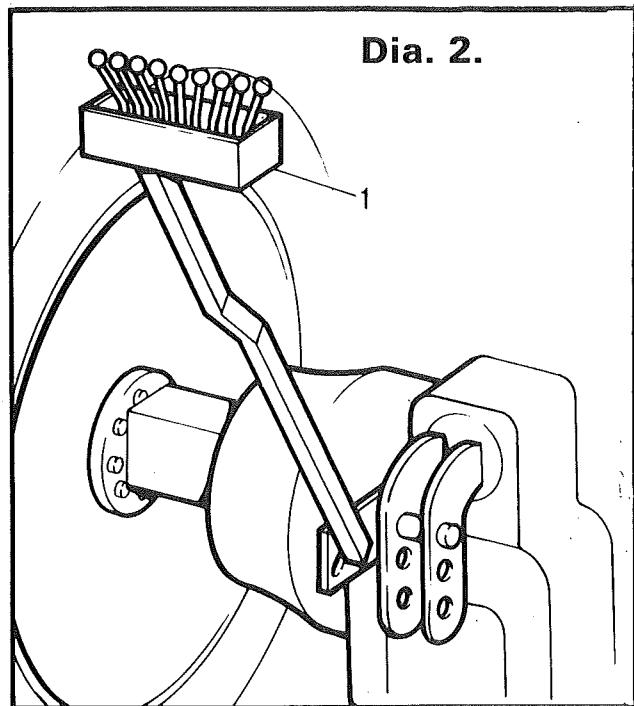
7. HYDRAULIC CONTROLS

All hydraulic functions are supplied with oil from the tractor hydraulic system.

Two connections to the harvester are required, one pressure supply, and one free-flow return.

Important - The flow of oil returning from the harvester must be unrestricted. Back pressure will not allow the hydraulic functions to operate correctly.

The valve control bank is fitted to the tractor within easy reach of the driver by means of an adjustable control mounting stalk. This is attached to the tractor top link bracket (see diagram 2) (In cab, electro hydraulic controls can be specified when ordering your machine) The controls can easily and quickly be removed when uncoupling the harvester from the tractor.



8. ROAD TRANSPORT

Do not travel on the road with a loaded bunker or platform.

Safety stays are provided for draw-bar steering ram, steering axle ram and digger lift ram, (see Photos '10' and '13'). We advise the fitting of these when transporting the machine on the road.

Warning - Do not operate hydraulics when stays are in position.

9. HARVESTING

The Sabre Potato Harvester is designed for 'True' offset lifting (see diagram 3) which means that tractor tyre and track widths are only critical when 'opening up'.

It is possible to 'straddle the row', if required, by adjusting the draw-bar.

When 'Opening Up' a new field it is sometimes necessary to adjust the angle of the rear wheels slightly to ensure that harvester wheels run between the ridges. This depends on track-setting and row widths. A pointer is fitted to the front of the machine to indicate the direction of the rear wheels. (see picture 14).

10. DISC ADJUSTMENT

The discs are adjustable for width by adjusting the position of the spacers and fitting the disc mounting arm to the outside of the frame. (see photo 15). Depth adjustment is made by slackening the mounting bolts and positioning each disc where required.

Care must be taken not to allow disc to foul the digger web.

Disc depth should be around 2" for normal conditions, lessen where penetration is difficult and increase on lighter land.

Available as optional extras are scolloped discs and hydraulically driven discs.

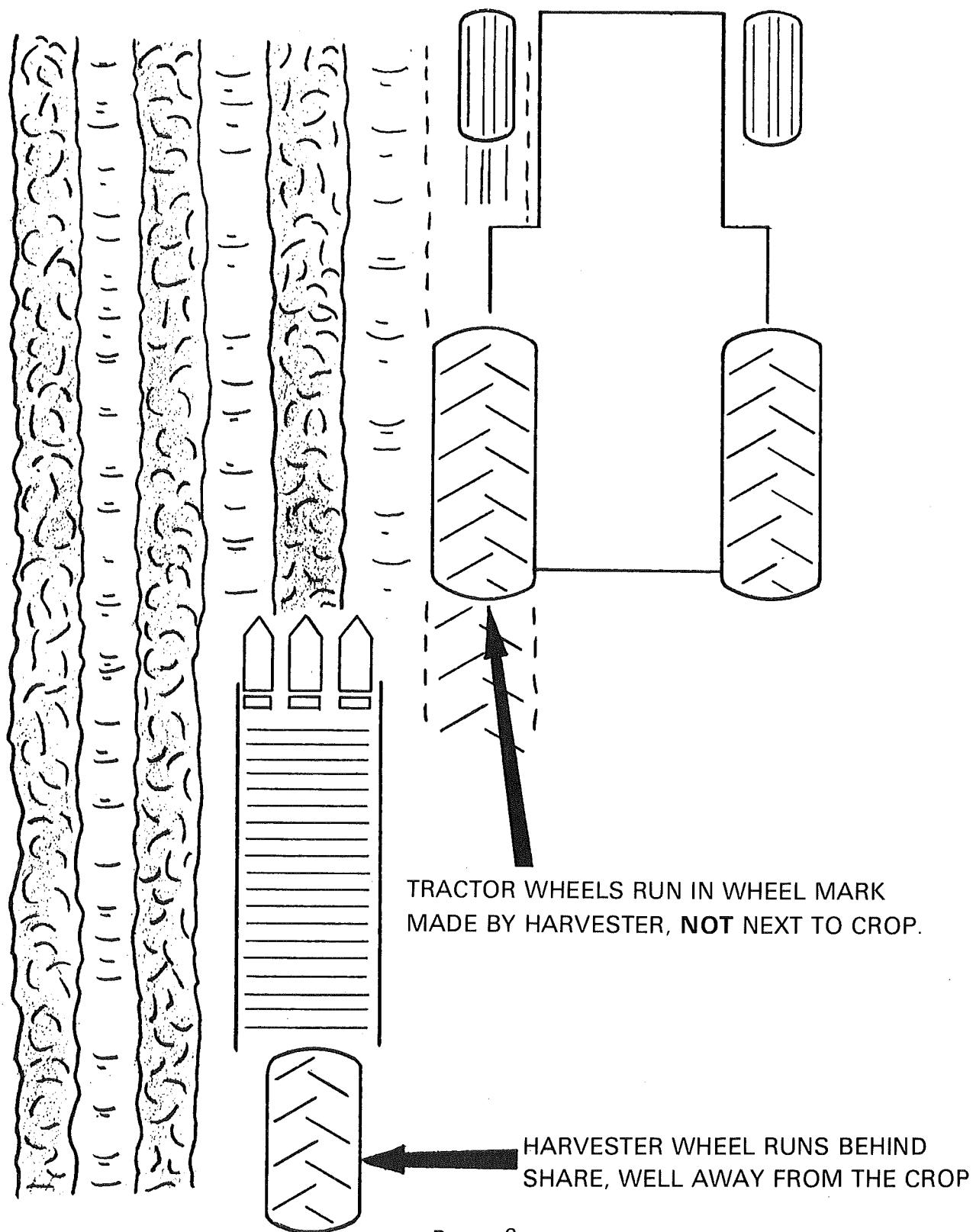
True OFFSET LIFTING

Standen Wuhlmaus

'Sabre TF'

'Scimitar TF'

Diagram 3.



11. SHARES

In addition to the standard three piece shares, wider share blades are available which should be fitted when using the wider disc settings, (34" and 36" rows).

For full range of share options (see drawing 3 in the parts catalogue).

12. DEPTH ADJUSTMENT

Depth is controlled by the floating diablo roller. To increase depth, screw adjusting handle out, (anti-clock) and to decrease depth, screw adjusting handle in, (clockwise). Tighten lock nut after adjusting, (see photo 19.)

Depth is normally correct when share passes through the ground and lifts all the crop cleanly without leaving any in the ground.

Important - When operating under extremely cloddy or stony conditions, disc depth may require reducing to allow correct digging depth to be achieved.

The floating diablo roller is designed to retain the crop when lifting the shares from the work position.

Note - Under normal operating conditions the hydraulic control valve marked "share unit" should be in the 'down' position to allow the diablo roller to control the digging depth.

As an optional extra depth control wheels are available in lieu of diablo roller.

13. HAULM INTAKE ROLLERS

The optional haulm intake rollers, (photo 17), are positioned to either side of the discs and can be adjusted for tension by slackening off the fixing nut, apply the desired amount of tension to the rubber bush with a tommy-bar in the hole provided, re-tighten nut.

Note - The nut on the left side is left hand thread.

14. DIGGER WEB

(Primary Separating Area)

The digger web is 650mm wide and is available in the following pitches.

Pitch (mm)	Gap between rods (mm)
32	23
36	27
40	31
45	36
50	41

Web cover kits, Part Number W0825, are available as an optional extra. The use of a full kit will reduce the gap between rods by 6mm and a half-kit (every other rod) by 3mm.

When fitting a web cover kit it is advisable to soften the P.V.C. by placing in hot water.

Available as an optional extra to special order only. Digger web with rubber covering vulcanized to rods, and digger web with 'pockets,' ie. every other rod cranked.

All Sabre Potato harvester digger webs are fitted with a joining rod for ease of removal. The rod is interchangeable with all pitches.

Note - The joining rod should be checked periodically for wear and replaced as necessary.

15. AGITATORS

The sieving efficiency of the digging web can be increased by engaging the two agitator systems.

Adjustment from zero to maximum is controlled by adjusting handles fitted to the left side of the machine. ie. Forwards to increase agitation and rear-wards to decrease agitation.

When the handles are fully rear-wards no agitation occurs.

Note - To avoid tuber damage agitation should be set to retain soil until the end of the digger web.

16. ADDITIONAL SEPARATION OPTIONS

Additional separation can be achieved by fitting clod-breaking equipment available as optional extras.

'Clod breaking ladder' (Photo 21 and 22).

A rubber covered draper web positioned over the digger web and adjusted for effectiveness by slackening or tightening the fixing chains. (Photo 21 and 22).

'Clod breaking Fingers' (Photo 23).

Two sets of flexible rubber fingers suspended over the digger web and adjusted for tension by lengthening or shortening the adjusting chain.

Also available as an Optional Extra -

Varispeed Gearbox.

The gear-box fits onto existing main drive shaft and will increase or decrease machine speed by 40% and 24% respectively. (Photo 24 and 25).

The use of the varispeed gear-box is especially helpful when used with older type tractors which have a small range of gears and forward speed is regulated by control of engine revs.

17. HAULM SEPARATING SYSTEMS

1. Sabre T.F. (1033)

The T.F. designation indicates that the machine is fitted with the 'Through Flow' haulm separating system.

From the main web, the majority of the crop passes through the wide mesh, 'Through Flow' haulm separating web. Potatoes still clinging to the haulm are separated by three banks of spring loaded, floating rubber fingers. Potatoes then slide down the agitated rubber sheet, back to the pintle belt separating area. The loss of crop from the back of the haulm separator is prevented by two crop retaining bars, the upper one of these is adjustable vertically.

Green top may require the rubber finger banks to be adjusted in order to reduce the clearance between the fingers and the web, thereby increasing separation.

This clearance should be increased again when working on a dessicated crop.

Agitation to the rubber sheet is adjustable. This should be used in the normal position (low agitation). Should there be a build up of soil, then agitation can be increased to prevent this.

2. Sabre (1011)

The standard Sabre (non T.F. version) is fitted with a haulm removing roller immediately behind the digger web, (Photo 26). Weighted haulm tines feed leaf, haulm and trash into the roller which removes these from the sample.

The adjustment of this roller is critical to its efficient operation. It is important that the roller does not come into contact with the main web bars or drive sprockets. A clearance of between 3 and 5 mm is advised. Adjusting bolts are provided on the left and on the right of the roller (see Photo 26).

18. PINTLE SEPARATOR BELT AND PENDULUM COMB SEPARATOR (Secondary Separation)

Adjustment to the angle of the pintle separator belt can be made by adjusting the position of the control handle situated over the picking table (photo 31).

Adjustment to the pendulum comb separator can be made by turning the two adjusting handles clock-wise to increase the distance between the separator belt and comb, anti-clockwise to reduce the distance (see photo 30).

19. SETTINGS FOR PINTLE SEPARATOR AND PENDULUM COMB.

As a general rule, the setting procedure is as follows.

1. **Pendulum movement** one third forwards, two thirds rear-wards, adjusted by altering the length of the drive arm, (Photo 33).

Adjustment of the second deflector is by altering the position of the link arm (between fingers bar and deflector bar). (Photo 30).

2. **Pendulum Finger height**, starting from lowest position. Turn adjusting handle clockwise until the maximum degree of separation can be achieved with minimum quantity of potatoes passing through the comb.

3. **Pendulum Deflector height**, From lowest position. Turn adjusting handle clockwise until desired amount of trash that does not require sorting is allowed to pass under.

Note - A small quantity of potatoes are allowed to pass through the pendulum comb and should be deflected onto the reject sorting belt for manual sorting.

4. **Pintle Separator Angle**. The angle of the pintle separator belt determines the degree of separation. To increase separation adjust lever rear-wards and to decrease separation adjust lever forwards.

To avoid potato damage this angle should be as steep as possible, (handle forwards) still allowing maximum separation with maximum pendulum comb finger height.

Note - When working on hillsides this angle should be adjusted accordingly.

For ease of operation a compensating spring is fitted, Photo 32. By tensioning the spring the weight on the control handle is reduced thus making operation easier.

Important - The universal drive joint to separator shaft must be kept well greased in order for the control handle to operate correctly.

20. STONE SEPARATOR SYSTEM 'S' DESIGNATION PHOTO 35

Specially designed for use where above average stone content is harvested. The pendulum comb system is replaced by an hydraulically driven brush with a variable speed control. The brush is adjustable for height in the same way as pendulum comb separator.

The stone separator system also includes a haulm web situated within the Through Flow Haulm System, (photo 29).

This web is height adjustable by varying the position of the support stay using the holes provided.

21. PICKING TABLE (MANUAL SORTING)

Final separation and sorting is carried out manually as the crop travels along the picking table.

The speed of the picking table can be reduced by removing the vee belt and interchanging the gear-box pulley and the picking table drive shaft pulley. (photo 36).

22. PICKING TABLE OPTIONS

As standard equipment Sabre and Sabre T.F. potato harvesters are fitted with steel webs on picking table and reject belt.

The following alternatives are available to special order.

Additional cleaning rollers in picking table (photo 37). For adjustments see Grading Equipment.

Note - When additional cleaning rollers are fitted the picking table web has a raised rod every six rods to compensate the increased angle.

Hill-side web. Raised rod every six rods to create 'pockets' to minimise roll-back when harvesting up hill.

Continental web - picking table.

Continental web - reject belt.

Picking table with hydraulic drive for infinite speed adjustment (photo 38).

Picking table without grading equipment.

Stone collecting box in lieu of dirt chute at picking table (photo 40).

Stone collecting box in lieu of dirt chute at reject belt (photo 39).

Returns belt from reject belt back to main web (photo 41).

(Used when station is not manned, flow can be adjusted to return to the land in total or regulated, if required.

Important - The spare parts section shows illustrations of various types of picking tables. Care must be taken to refer to correct drawing when ordering spare parts.

23. GRADING EQUIPMENT

The grader is situated at the end of the picking table and consists of 2 sets of grading discs with spacers between. The spacers are 5mm thick and can be added or subtracted in order to adjust to required potato sample. A bagging off attachment is situated beneath the grader so that smalls can be bagged if required. A flap is provided which can be closed when changing bags. Care must be taken not to leave the flap closed otherwise the grader will become blocked and ineffective. When bagging is not required, the flap can be adjusted to divert the rejected potatoes to the ground.

24. GRADER ADJUSTMENT

Machines are normally delivered with the grader set for 25mm. This can be reduced by 5mm by removing the spacers AND stripping fingers from between the grading discs, or increased by 5mm stages.(enough spacers are provided with each machine to allow for setting the grader spacing to 35mm).

To adjust the grader proceed as follows.

a) Remove the 2 'R' clips from stripping finger retaining bar from both sides of picking table. (photo 42)

b) Remove retaining plates.

c) Remove stripping finger retaining bar. Note - If machine is fitted with plastic stripping fingers turn retaining bar through 45 degrees. Do not remove.

d) Remove P.V.C. double bearing from right hand side of picking table (photo 42).

e) Slide grader shaft to the right until clear of bearing housing, then lift out.

f) Remove retaining nuts from shaft and slide off grading discs and spacers.

Reassemble in reverse order fitting spacers to achieve the desired setting.

Note - If plastic spacers are fitted adjust total on retaining bar to suit before refitting grader shafts.

25. ROLLING BUNKER ELEVATOR

The elevator from the picking table to the rolling bunker is adjustable for height by operating the hydraulic control lever marked bunker raise/lower. (When elevator reaches full height bunker will automatically begin to

lift). By gradually raising the elevator as bunker fills, the full capacity can be achieved.

In order to maintain correct clearance between elevator and bunker an adjusting bolt is fitted to the hydraulic cylinder (photo 44).

26. ROLLING BUNKER

a) Preparation

To prepare the bunker for work the machine should be standing level and the 'Bunker Raise' lever operated. When the bunker elevator reaches full height the bunker will begin to raise and the folded section will hinge outwards. Continue to raise the bunker until the support stay becomes free. Remove the linch pin and support stay from bunker and fasten stay to frame with linch pin. (Photo 46). Lower bunker and continue to hold hydraulic control lever in the 'lower' position until bunker elevator is fully lowered.

To fold the bunker for transport, raise bunker until support stay will locate on bunker hinge pin. Lower bunker and it will automatically fold.

b) Harvesting

Before fitting bunker operate 'Bunker Unload' hydraulic control so that moving floor operates correctly. Moving floor is in the correct position when wooden flights are underneath. This position can be determined by operating 'Bunker Unload' hydraulic control until 'drop-link' is aligned with hopper support stay. At this point the bunker floor cushioning, if fitted, will be correctly positioned beneath bunker elevator.

c) Bunker Filling

Fill bunker as described in paragraph 25, (Rolling Bunker Elevator). When section beneath elevator is full operate 'Bunker Unload' hydraulic control to provide more capacity in bunker.

d) Bunker Empty

To empty, raise bunker (bunker will raise vertically to provide up to 1-9 metre clearance). Position trailer beneath and lower to trailer-side. A Bunker chute is provided as standard equipment to reduce 'drop' into trailer or to fill boxes. Operate Bunker Unload hydraulic control until bunker is empty, continue to rotate until drop-link is in position aligned with support stay.

e) Bunker Options. To Special Order

Bagging in bunker, a kit is available to position bunker horizontally and to raise bunker support post cross-member.

Important - Before adjusting the horizontal angle of bunker the back plate beneath the bunker elevator **must** be removed, otherwise damage to the bunker and elevator will occur.

Alternative Bunker angles can be achieved by fitting different hopper back-plates and adjusting the support stays to suit.

f) Bunker Support Stay

In order to lock the bunker in the raised position, a support stay is provided (photo 45).

To operate, raise bunker, reverse support stay, lower bunker until locked.

27. BAGGING PLATFORM

The Sabre and Sabre T.F. bagging platform is designed to carry up to 2 tonnes of bagged potatoes either stacked or on pallets. When using pallets an extension is fitted to the left hand side of platform and the guard rails to either side are replaced with short ones to provide easy removal of palettes with fork-truck.

28. DISCHARGE ELEVATOR

The discharge elevator is designed to bolt onto the bagging platform. This means that the same machine can be used for bagging and bulk loading.

The elevator is hydraulically driven to provide independant operation to harvester.

Discharge height into the trailer is controlled from the tractor seat via the hydraulic control marked 'elevator ON'.

To fit the elevator, remove the bagging unit, remove the foldable platform extension. Bolt elevator support in position using bolts removed from extension, place elevator on platform and fit the 4 12mm bolts through platform.

Note - Ensure that spacing washers are fitted between platform frame and wooden floor. Connect the hydraulic pipes.

29. LOCATION OF LUBRICATION POINTS

Grease nipples P.T.O. shaft universal joints
Grease nipples main drive shaft universal joints

Grease nipples separator belt drive shaft universal joint

Grease nipples stub axles

Grease nipples drawbar pivot pin

Grease nipples grader bearing L/H (if fitted)

Grease nipples bearing housing, (haulm web agitation drive)

All linkage points such as diggerweb pivot pins and separator belt angle adjustment pivots, should occasionally be oiled.

Gear-box oil level should be checked regularly and 'topped up' as required with ESSO PD 80 oil or equivalent.

30. GETTING THE BEST FROM YOUR SABRE OR SABRE T.F. POTATO HARVESTER

Field Preparation

Ensure that seed is planted at equal depth. Use Row-crop wheels when filling and spraying.

Avoid moving ridge when moulding.

Harvesting

Avoid harvesting at low air temperatures. Do not drive over potato rows (use steering). Adjust forward speed and sieving, ie., agitation to suit conditions. Constantly check and adjust digging depth as necessary.

Keep digging area clear. Check for blockages between share blades.

Regularly check adjustments and settings as described in this manual.

Wheels and Tyres

Tyre pressure 3 bar - 45 P.S.I.

Check wheel nuts for tightness after the first days work and then weekly.

Winter Storage

At the end of the harvesting season thoroughly clean the machine. If a steam-cleaner or pressure-washer is used, immediately grease all bearings etc. as described in paragraph 29. Check machine components thoroughly and replace as necessary, or make a note for future reference.

Lubricate all grease points.

Apply grease to all adjusting handles.

Apply oil to shares, disc coulters and diablo roller.

Clean all roller chains (including bunker moving floor chains, if fitted) and apply oil liberally.

Slacken off vee-belts, (separator and elevator-belts should remain under tension).

Apply grease to exposed hydraulic ram pistons.

Apply a mixture of 50% engine oil - 50% of diesel oil to picking table and reject belt steel web (if fitted).

Place blocks beneath rear axle to relieve tyres of machine weight.

31. COMPRESSOR AND AIR RECEIVER

A compression and air receiver kit can be fitted to the harvester as an optional extra to operate the pneumatic weighing machines available. This equipment would normally be factory fitted.

IMPORTANT NOTICE

When this machine is equipped with an Air Receiver, fitted or supplied by Standen Engineering Ltd., the required safety standards are met, and the manufacturers hold the certificate of air-worthiness.

In order to comply with **YOUR** Legal Obligations the Air Receiver should be inspected every 26 months or less by a competent person (your insurers should be in a position to arrange this).

Operation and maintenance

Compressor

Check oil daily, top up as necessary. Use only CASTROL PD68 compressor oil or equivalent.

Change oil at the end of every season.

Check air filter regularly.

To prolong compressor life remove drive chain when using harvester without pneumatic weigher.

Air Receiver

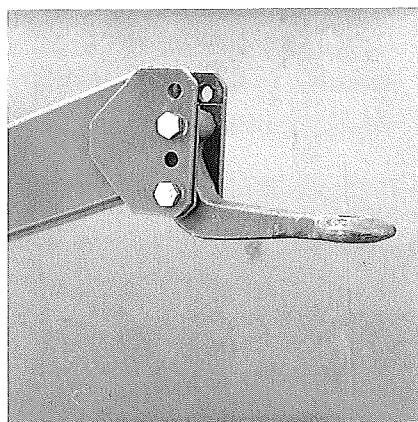
Drain daily.

Unloading Valve (Genie Valve)

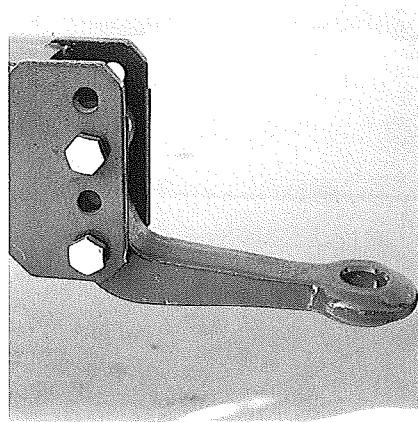
The Unloading Valve is factory set before delivery. For best results this should be 20-30 P.S.I. above the requirement of the pneumatic weigher. If it is necessary to adjust the regulator proceed as follows.

1. Adjust air supply regulator on weighing equipment to maximum pressure.
2. Engage P.T.O. and run machine until Genie Valve unloads, gauge should now read between 110 and 120 P.S.I. (assuming weighing machinery requires 90 P.S.I.)
3. To adjust slacken lock-nut and adjust regulator nut (below pull ring) clock-wise to decrease pressure, re-tighten lock-nut.
4. Reset air supply regulator on weigher to required pressure.

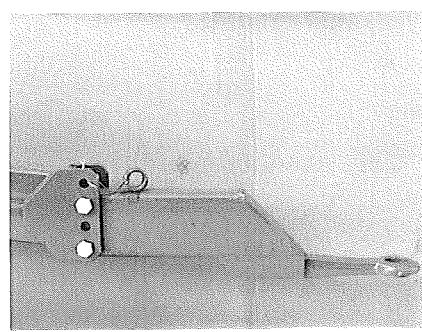




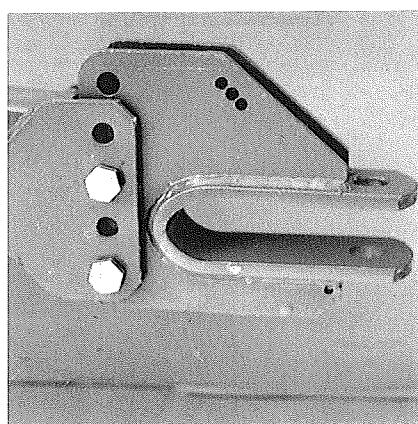
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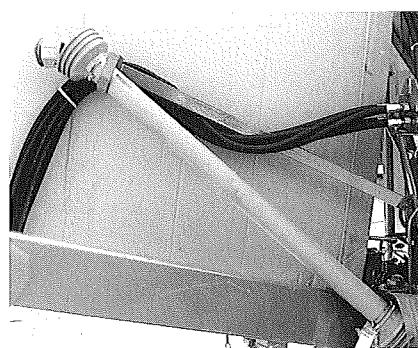
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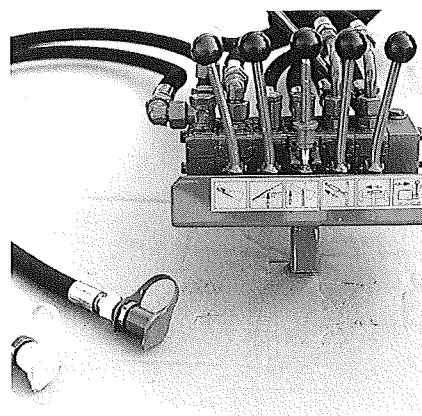
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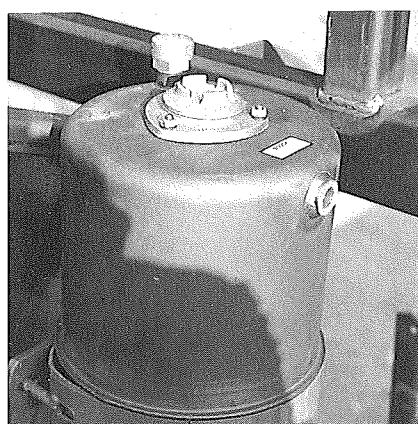
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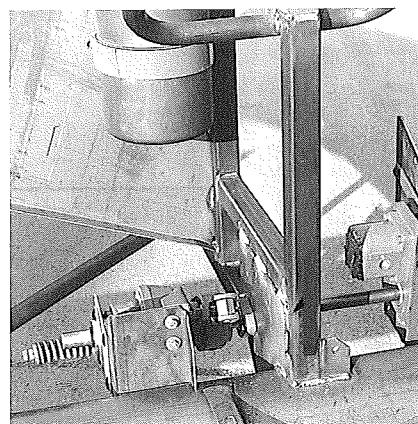
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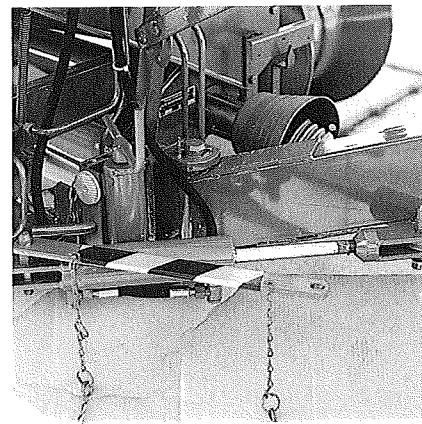
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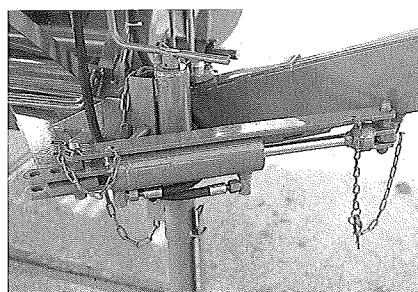
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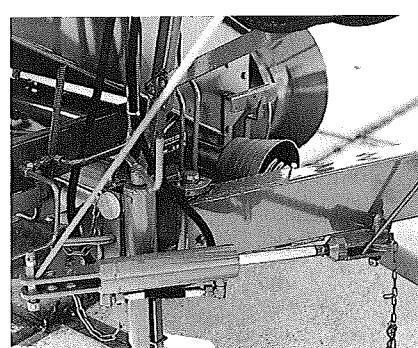
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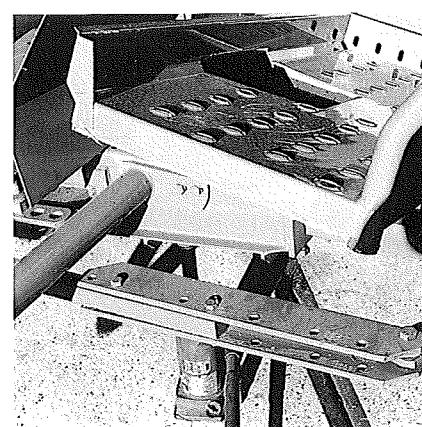
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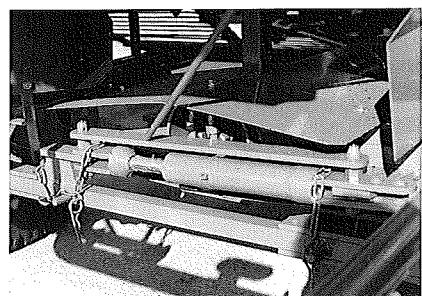


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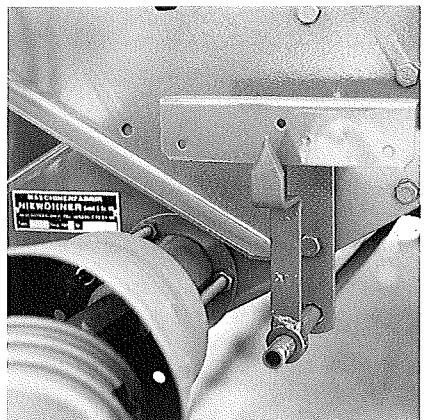


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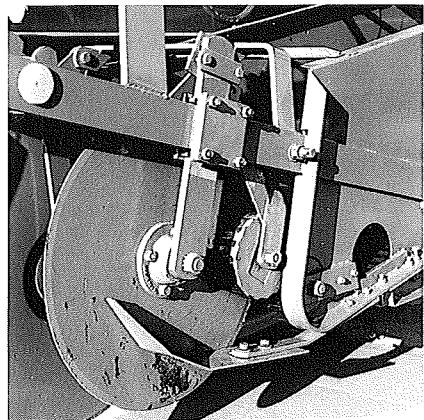




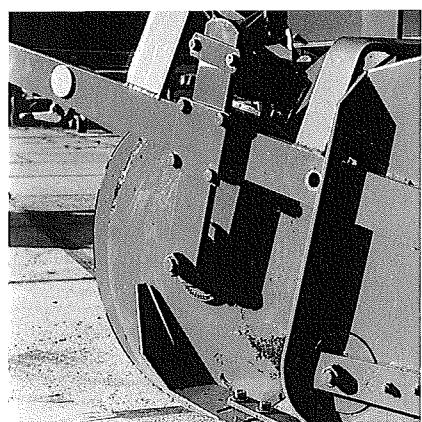
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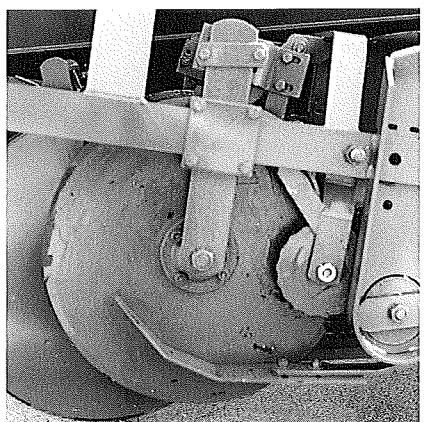
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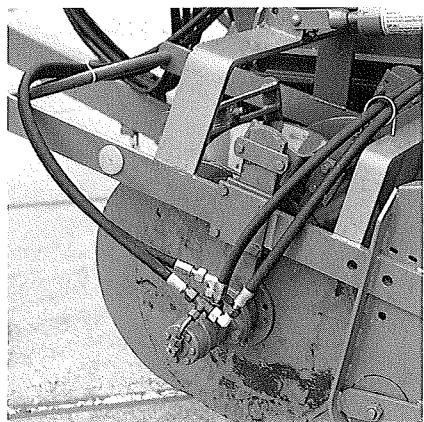
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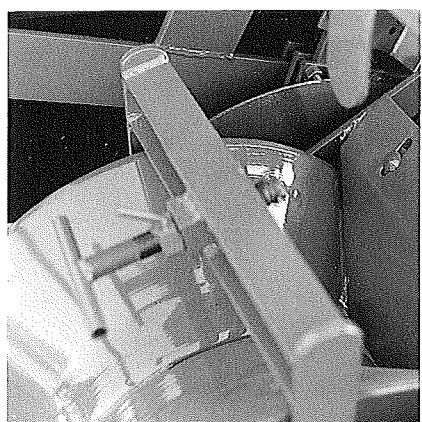
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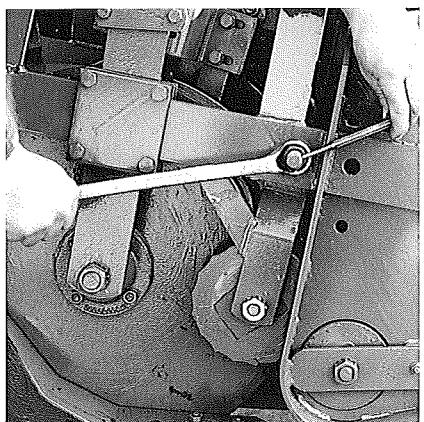
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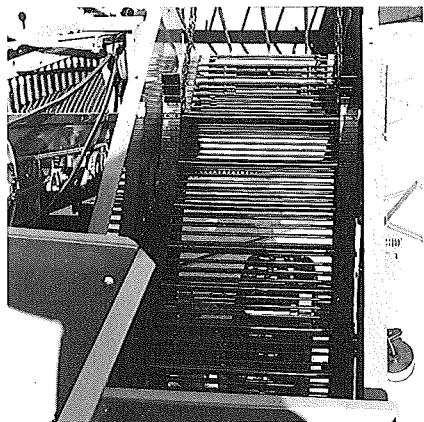
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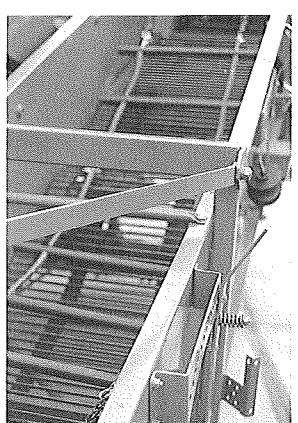
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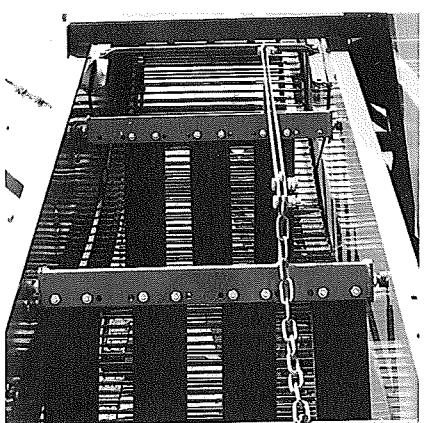
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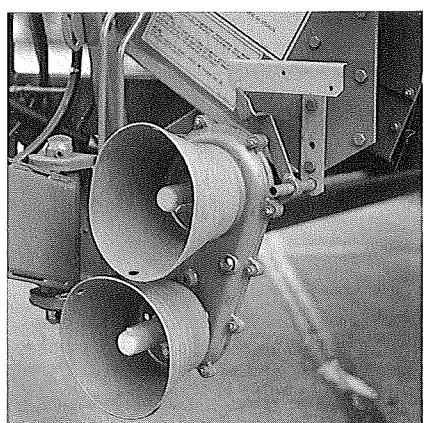
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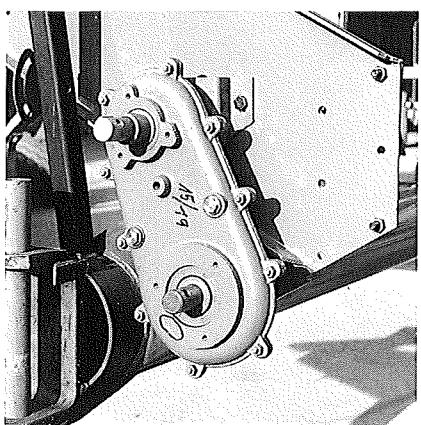


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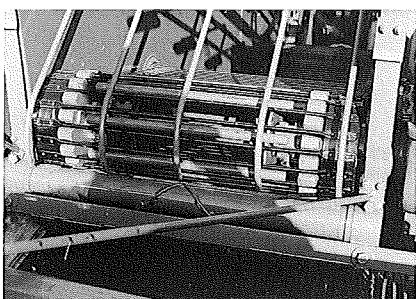


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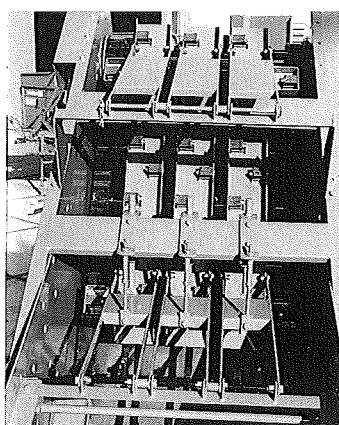




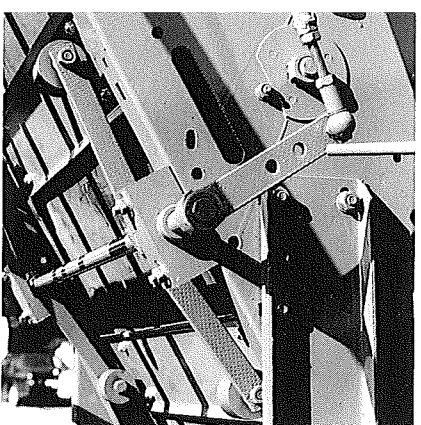
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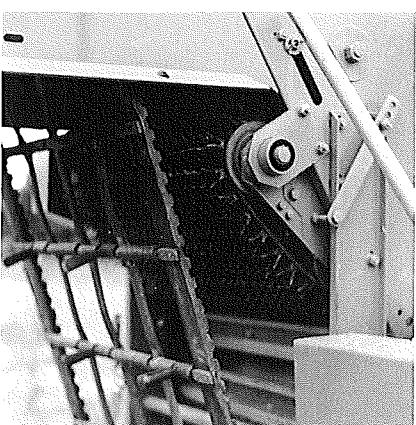
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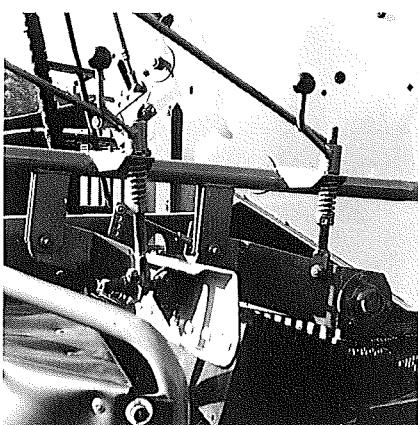
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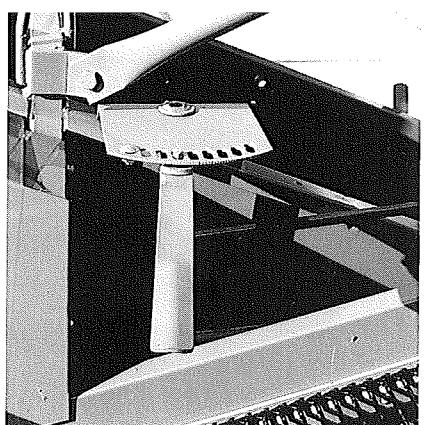
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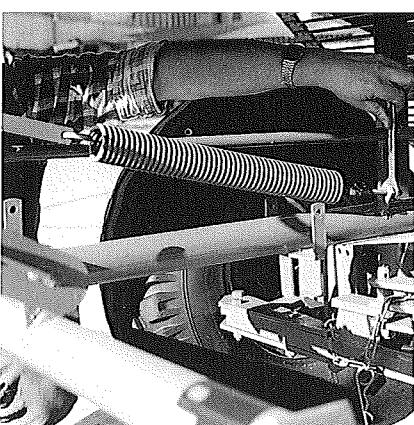
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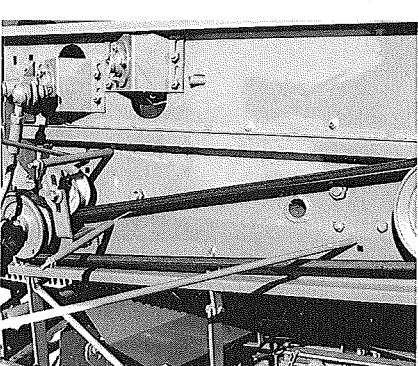
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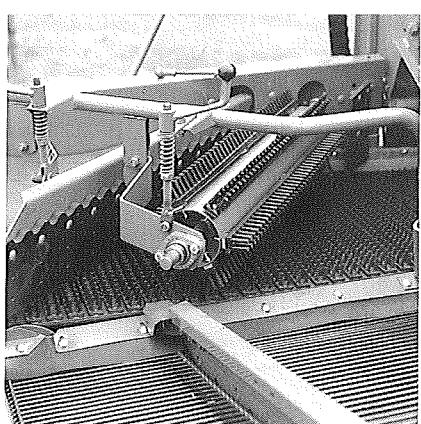
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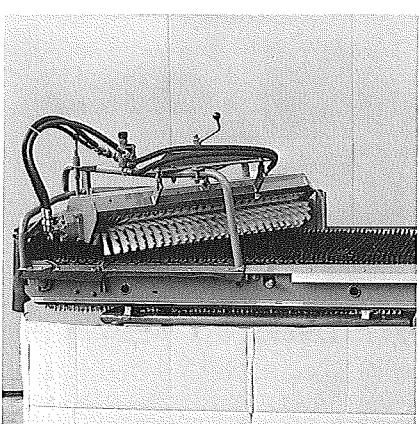
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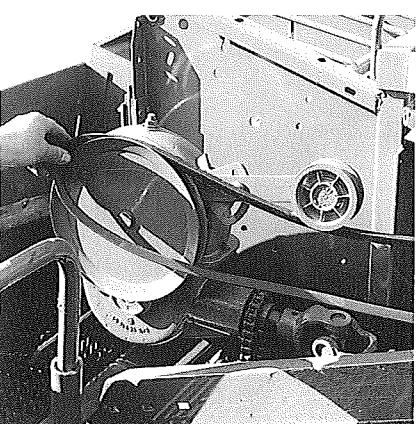
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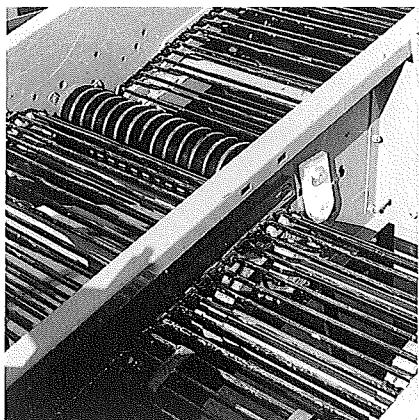
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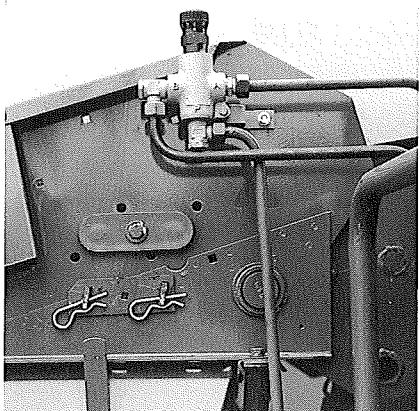
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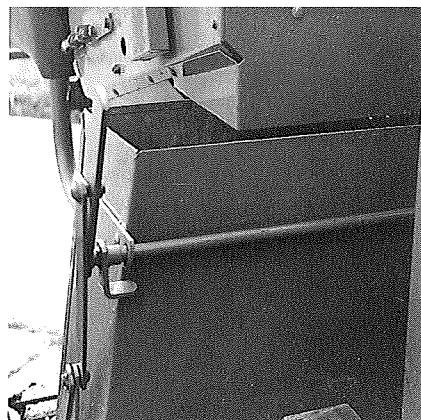
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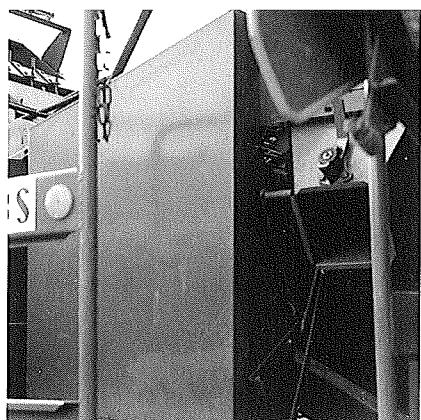
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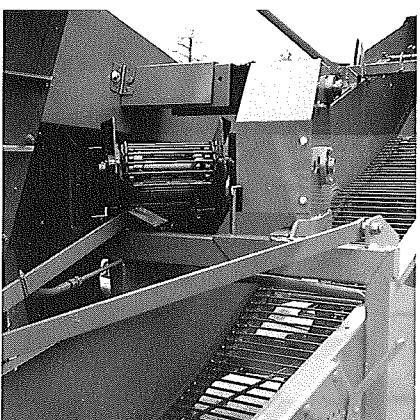
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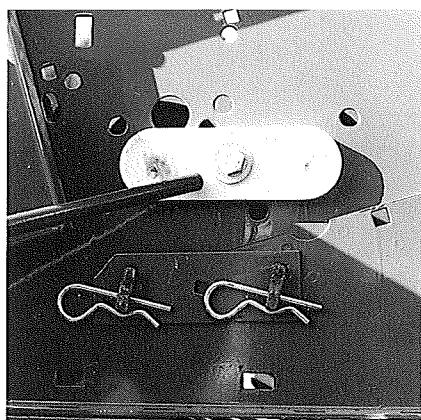
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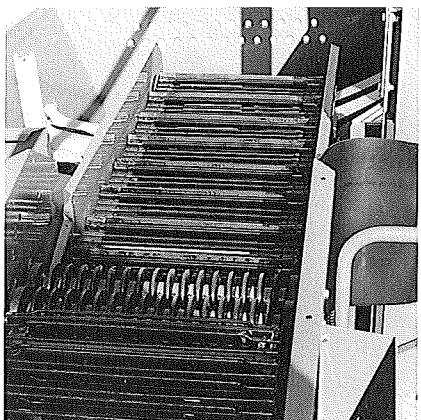
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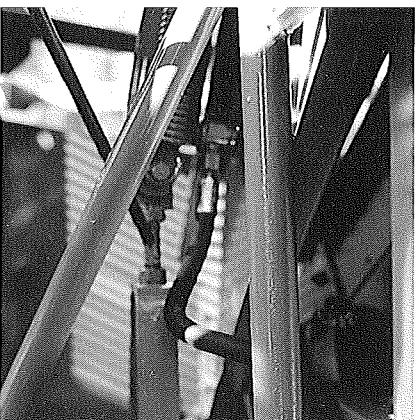
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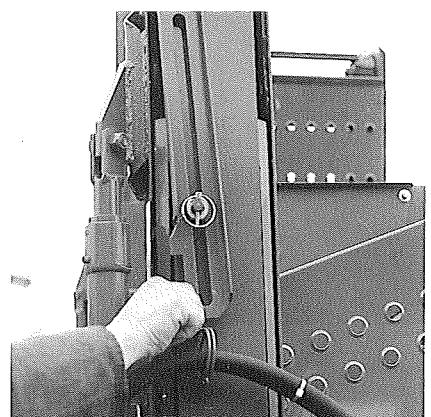
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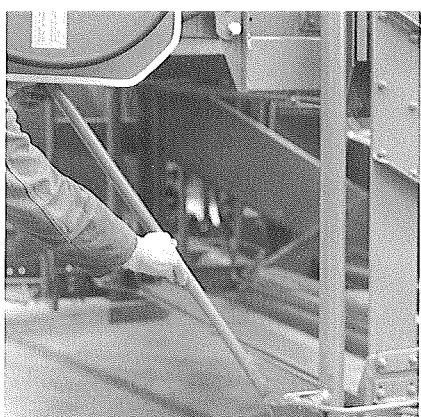
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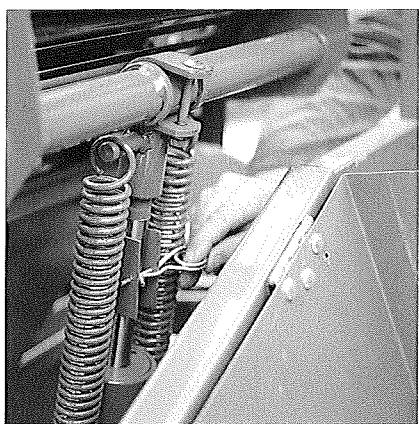
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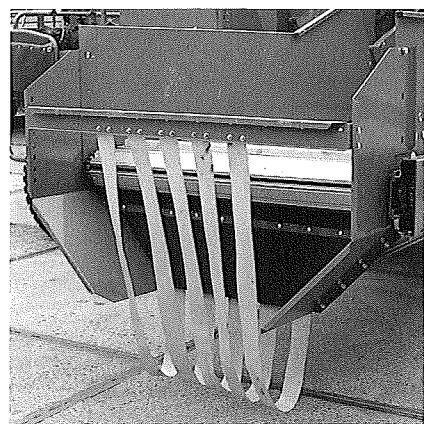
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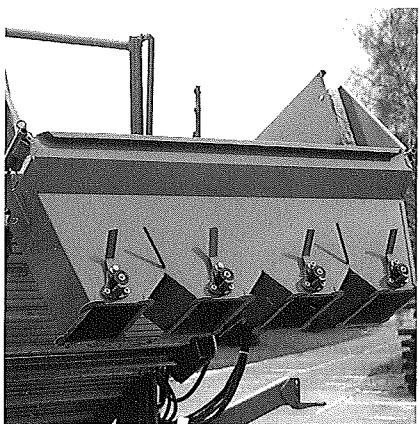
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Ersatzteilliste 1011/1033

List of Spareparts 1011/1033

Liste de pièces détachées 1011/1033

Bestellhinweise

Order Procedure

Renseignement pour l'établissement de Commandes

Wühlmaus Kartoffel-Vollernter

Type	Masch.-Nr.
Zur Durchführung Ihres Ersatzteilauftrages benötigen wir folgende Angaben:	
1. Typenbezeichnung	z. B. 1033
2. Masch.-Nr.	z. B.
3. Stückzahl der gewünschten Ersatzteile	z. B. 1 Stück
4. Bezeichnung und Teile-Nr. der Ersatzteile	z. B. Kurbel 090.86.013.00
5. Gruppenbezeichnung	z. B. Bildtafel 1, Deichsel mit Lenkung und Abstellstütze
6. Pos.-Nr.	z. B. Pos. 26
7. Vorschriften über die Versandart	z. B. Expressgut

Wühlmaus Potato Harvester

Type	Serial No.
We require the following details for settlement of your order:	
1. Type	for instance 1033
2. Serial no.	for instance
3. Qty. parts required	for instance 1 pc.
4. Description and part number	for instance Crank 090.86.013.00
5. Group designation	for instance Drawbar, including steering and resting support
6. Item No.	for instance Item 26
7. Method of shipment:	Rail Express

Récolteuses de pommes de terre Wühlmaus

Types	Nº de machines:
Pour l'exécution de votre commande de pièces détachées, nous avons besoin des indications suivantes:	
1. dénomination du type	par ex. 1033
2. Numéro de machine	par ex.
3. Nombre de pièces souhaitées	par ex. 1 pièce
4. Dénomination et Numéro de la pièce	par ex. rondelle 090.86.013.00
5. Dénomination du groupe	par ex. Timon de direction et béquille de repos
6. Numéro de position	par ex. Nº 26
7. mode d'expédition	par ex. par express

Inhaltsverzeichnis

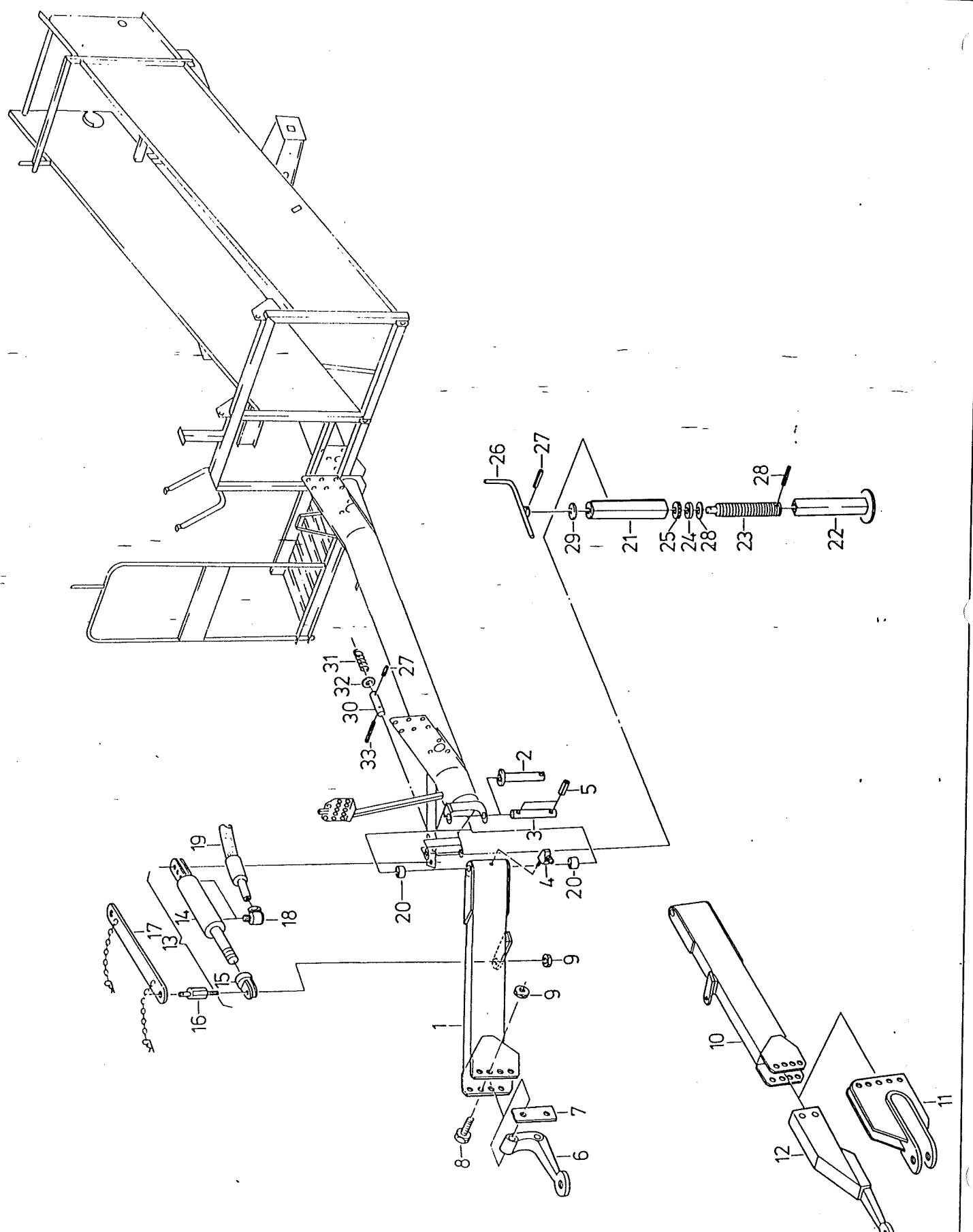
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Table des Matieres

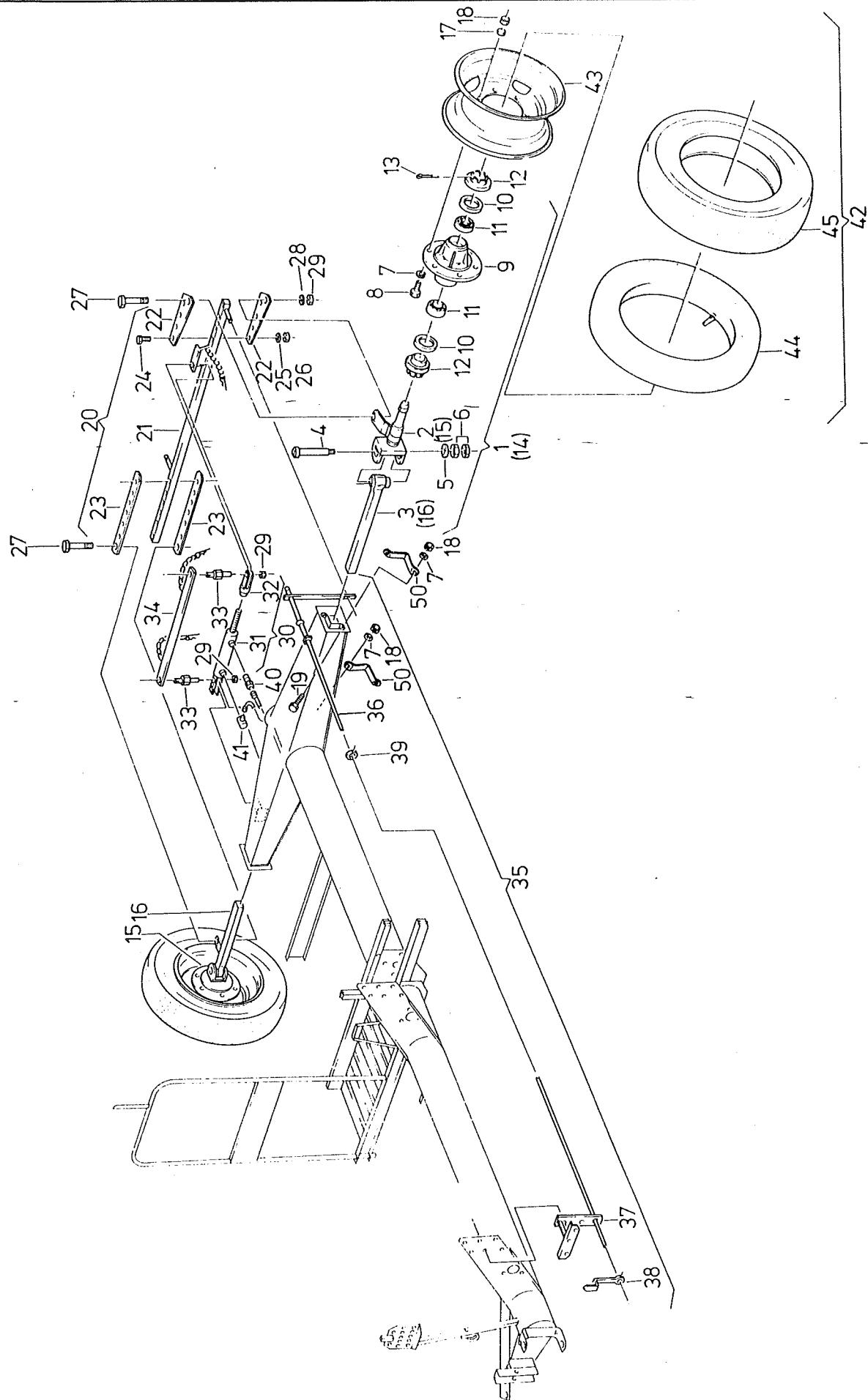
1011

1033

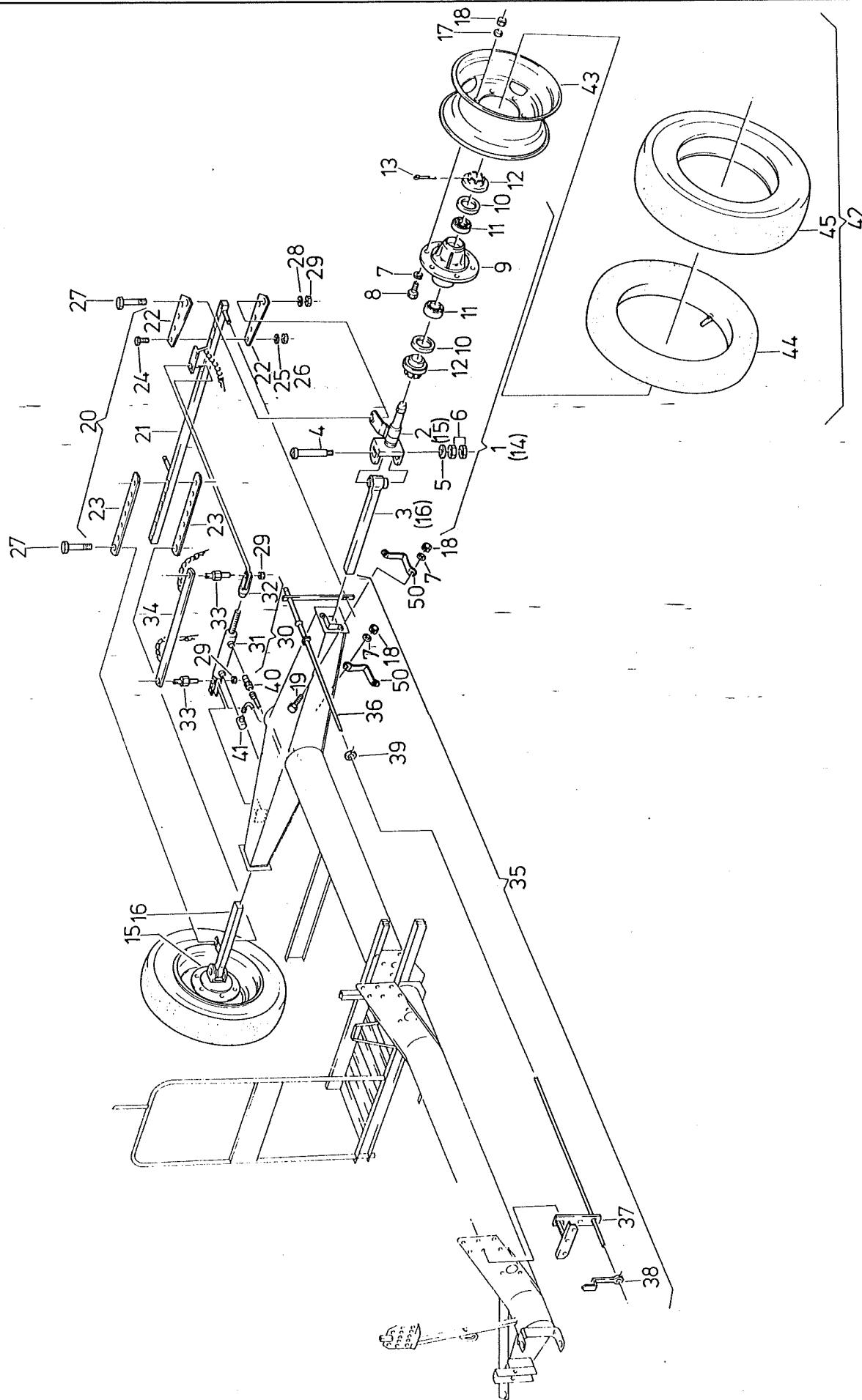
Inhaltsverzeichnis	Table of contents	Table des matieres	Bildtafel Drawing Planche
Deichsel mit Lenkung und Abstellstütze	Drawbar, including steering and resting support	Timon de direction et bâquille de repos	1
Hydraulische Achsschenkel lenkung mit Bereifung	Hydraulic steering axle, including tyres	Direction hydraulique avec pneus	2
Vorderbau, Schar und Dammrolle	Lifting unit, shares and diabolo roller	Partie avant, socs et diabolo	3
Siebkette und Ellipsenschüttung	Sieving web and elliptical agitator	Chaine première et cescoueur elliptique	4
Hauptantrieb	Main drive	Entrainement	5
Krautband, Rahmen mit Antrieb	Haulm web, frame and drive	Tapis effaneur, chassis et entrainement	6.1
Krautband, Kette mit Zubehör	Haulm web, chain and accessories	Tapis effaneur, chaîne et accessoires	6.2
Querband	Separating belt	Tapis épierreur	7
Pendelkamm mit Antrieb	Pendulum comb with drive	Peigne oseillant avec entraînement	8
Verlesestand und Stein sammelkasten	Personal poste and stone collecting box	Poste personnel et collecteur de pierres	9
Verleseband mit Sortierung und Beimengenband mit Gummigurtkette	Picking table with grading rollers and trash web with rubber belts	Table de visite avec calibreur et chaîne de déchets avec bandes caoutchouc	10
Verleseband mit Sortierung und Beimengenband mit Knotenkette	Picking table with grading rollers and trash web with knotted chain	Table de visite avec calibreur et chaîne de déchets à nouée	11
Verleseband ohne Sortierung mit Knotenkette	Picking table without grading rollers and with knotted chain	Table de visite sans calibreur et avec chaîne nouée	12
Verleseband ohne Sortierung mit Gummigurtkette	Picking table without grading rollers and with rubber belt web	Table de visite sans calibreur et avec chaîne à bandes caoutchouc	13
Verleseband mit Sortierung und Reinigungswalze mit Gummigurtkette	Picking table with grading rollers and cleaning rollers with rubber belt chain	Table de visite avec calibreur et rouleaux nettoyeurs et avec chaîne à bandes caoutchouc	14
Verleseband mit Sortierung und Reinigungswalze mit Knotenkette	Picking table with grading rollers and cleaning rollers with knotted chain	Table de visite avec calibreur et rouleaux nettoyeurs et avec chaîne nouée	15
Verleseband ohne Sortierung mit Reinigungswalze und Gummigurtkette	Picking table without grading rollers, with cleaning rollers and rubber belt chain	Table de visite sans calibreur, avec rouleaux nettoyeurs et chaîne nouée	16
Verleseband ohne Sortierung mit Reinigungswalze und Knotenkette	Picking table without grading rollers, with cleaning rollers and knotted chain	Table de visite sans calibreur, avec rouleaux nettoyeurs et chaîne nouée	17
Bunkerförderband mit Rutsche	Bunker elevator and Chute	Bande transporteuse à Tremie et Glissière	18
Bunkerhubgerüst mit Zubehör	Bunker lifting frame with accessories	Châssis élévateur de trémie avec accessoires	19
Rollbodenbunker	Unloading hopper	Tremie à fond mouvant	20
Hydraulikanlage	Hydraulic equipment	Equipement hydraulique	21
Rollen	Rollers	Galets	22
SONDERAUSFÜHRUNG:	OPTIONAL EQUIPMENT:	EQUIPEMENT SPECIAUX:	
Krauteinziehrollen	Haulm intake rollers	Rouleau tire fanes	30
Absackplattform	Bagging platform	Plateforme d'ensachage	31
Eigenhydraulik mit Abschalt kupplung	Independent hydraulic system with clutch	Système hydraulique propre avec embrayage	32
Klutenzerreiber	Clod breakers	Emotteur	33
Krautzupfwalze mit Antrieb und Zubehör	Haulm separating roller with drive and accessories	Rouleau séparateur fane avec entraînement et accessoires	34
Rückführband mit Antrieb	Conveyor belt with drive	Bande de retour avec commande	35



Item No.	Part No.	Description	Remarks
1	400.02.010.00	Drawbar carrier	
2	400.03.020.00	Drawbar securing bolt	Until 1984, incl. type 09
3	400.03.000.01	Drawbar securing bolt	Until 1984, incl. type 10
4	AM 6x1 DIN 71412	Conical grease nipple	
5	12 x 70 DIN 1481	Clamping sleeve	
6	090.16.000.01	Toweye	
7	171.16.000.01	Distance plate	
8	M20 x 125 DIN 931	Hexagon head screw	
9	M20 DIN 982	Self-locking hexagon nut	
10	400.03.010.00	Drawbar carrier	
11	112.15.040.00	Drawbar tow-fork	
12	090.18.010.00	Drawbar extension piece	
13	400.03.040.00	Drawbar steering cyl., comprising items 14 to 15	
14	400.03.041.00	Drawbar cylinder	
15	400.03.043.00	Cylinder fork-head, short type	
16	171.80.000.01	Bearing bolt	
17	400.03.050.00	Locking shackle	
18	ERMETO SWVE 12-LM	Swivel joint	
19	000.86.100.05	Hydraulic hose, 12 in dia, 1000 long	
20	MB 4530 DU	DU-Bushing	
21	400.86.010.00	Outer tube	
22	400.86.012.00	Sliding tube	
23	090.86.010.01	Threaded spindle	
24	090.86.010.02	Disc	
25	0403-020-00	Axial grooved ball bearing	
26	090.86.013.00	Crank handle	
27	6 x 36 DIN 1451	Clamping sleeve	
28	6 x 30 DIN 1481	Clamping sleeve	
29	20 x 28 x 1	Washer	
30	402.86.000.01	Bolt	
31	000.75.000.11	Pressure Spring	
32	26 DIN 126	Disc	
33	10 x 160 DIN 1481	Expansion Pin	

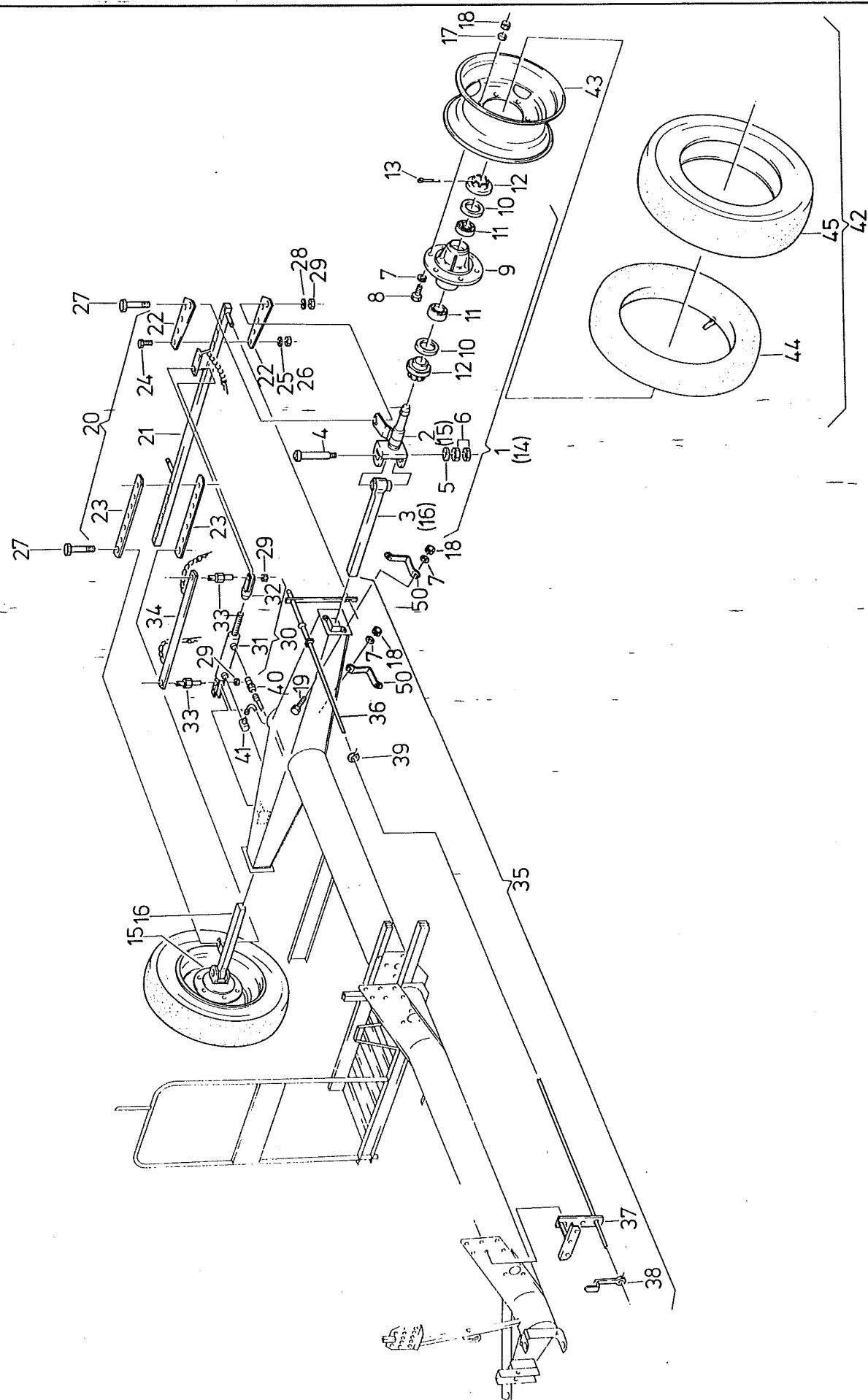


Item No.	Part-Number	Description	Remarks
1	115.08.010.00	L/hand steering axle assy. (comprising items 2-13)	
2	115.08.01.00	L/hand steering fork	
3	113.06.012.00	Axle end	
4	090.06.013.00	Steering bolts	
5	25 DIN 125	Disc	
6	M24x1.5 DIN936	Flat type hexagon nut	
7	A15 DIN 127	Spring ring	
8	M16x55 DIN 933	Hexagon head screw	
9	200.05.010.02	Wheel hub	
10	Ø100xØ71x10	Felt ring	
11	6012-2RS DIN625	Ball bearing	
12	200.05.010.03	Adjusting disc	
13	8 x 90 DIN 94	Split pin	
14	401.04.020.00	R/hand steering axle assy. (-comprising items 4-13,15 and 16)	
15	115.08.021.00	Steering fork, r/hand side	
16.	401.04.022.00	Axle end	
17	C16.5 DIN74361	Limes-ring	
18	M16 DIN 934	Hexagon nut	
19	M16x60 DIN 931	Hexagon head screw	
20	401.04.030.00	Track rod assy. (comprising items 21-26)	
21	408:84:831:00	Forked shackle	
23	401.04.030.01	Forked shackle	
24	M12x75 DIN 931	Hexagon head screw	
25	A12 DIN 127	Spring ring	
26	M12 DIN 555	Hexagon nut	
27	M16x85 DIN 931	Hexagon head screw	
28	17 DIN 125	Disc	
29	M16 DIN 982	Self-locking hexagon nut M16	
30	109.08.040.00	Steering cylinder assy. (comprising items 31 and 32)	
31	109.08.041.00	Steering cylinder	
32	171.80.012.00	Cylinder fork	
33	171.80.000.01	Cylinder bolt	
34	109.08.050.00	Locking shackle unit	



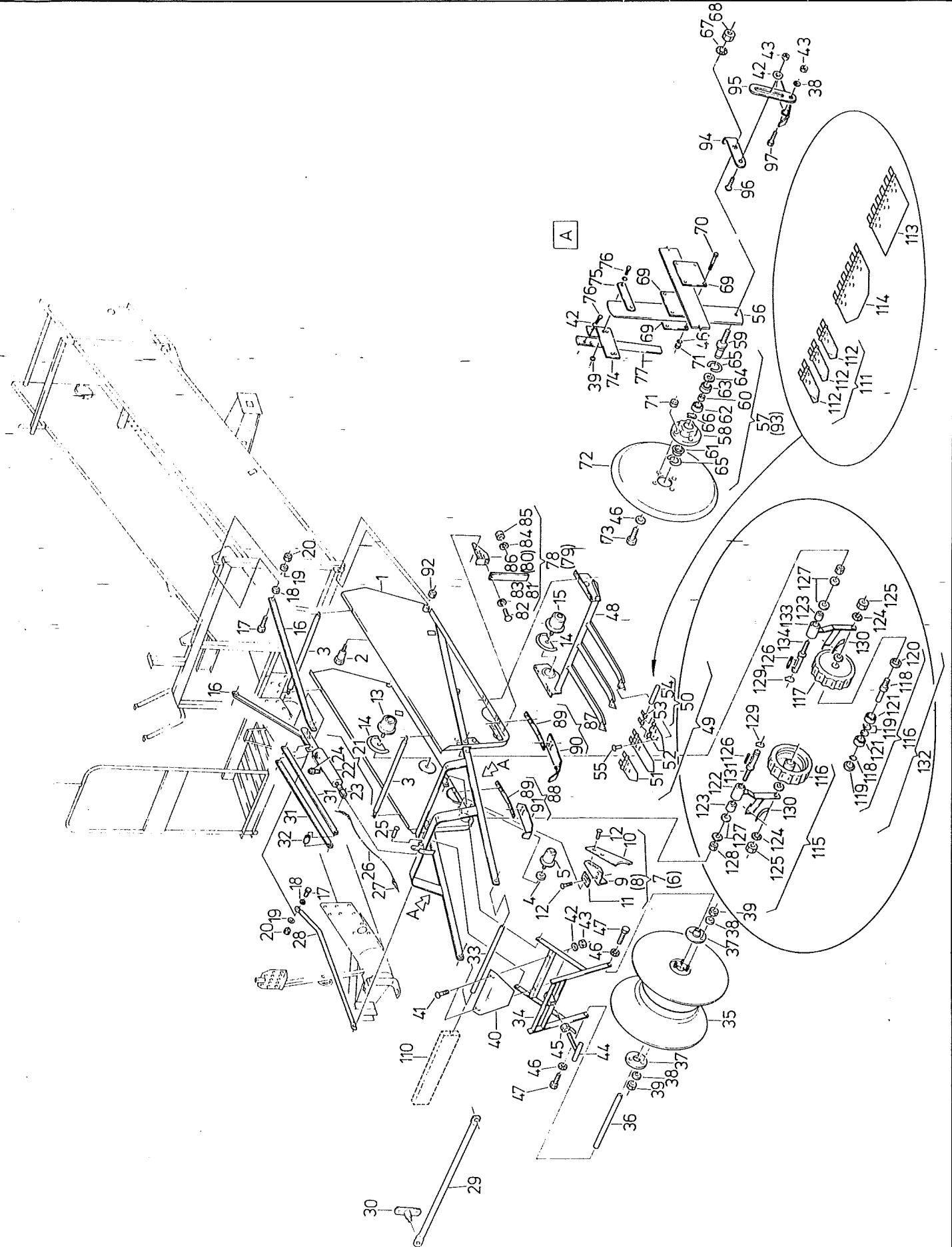
Drawing 2 Hydraulic steering axle, including tyres 1011
 1033

Item No.	Part-Number	Description	Remarks
35	400.04.070.00	Wheel position indicator (comprising items 36-39)	
36	400.04.071.00	Transmission shaft	
37	400.04.072.00	Mounting bracket, front side	
38	400.04.073.00	Indicator	
39	A18 DIN 705	Setting ring	
40	ERMETO GE12-SM	Straight screw-in joint	
41	ERMETO SWVE12SM	Swivel joint	
42.1	11.5/80-15 8Pr AW-Tread	Travelling wheel assy. (comprising items 45.1, 43.1 and 44.1)	
42.2	11.5/80-15 8Pr AS-Tread	Travelling wheel assy. (comprising items 45.2, 43.1 and 44.1)	
42.4	15.0/55-17 10 Pr AW-FARMER	Travelling wheel assy. (comprising items 45.3, 43.1 and 44.2)	
42.5	10.5/80-18 10 Pr AW-FARMER	Travelling wheel assy. (comprising items 45.5, 43.3 and 44.3)	
42.6	12.5/80-18 8 Pr AW-FARMER	Travelling wheel assy. (comprising items 45.6, 43.4 and 44.4)	
42.7	12.5/80-18 8Pr AW T7 - Grooved Tread	Travelling wheel assy. (comprising items 45.7, 43.4 and 44.4)	
42.8	310-406 (12x16) 8Pr Agrar	Travelling wheel assy. (comprising items 45.8, 43.5 and 44.5)	
42.9	500/45-22.5 8Pr T404	Travelling wheel assy. (comprising items 45.9, 43.5 and 44.6)	
43.1	9x15.3 6/161/ 205 etc	Wheel rim	
43.2	13x17 6/161/ 205 etc	Wheel rim	
43.3	9x18 6/161/ 205 etc	Wheel rim	
43.4	11x18 6/161/ 205 etc	Wheel rim	
43.5	6.00 Gx16(W8-16) 6/161/205	Wheel rim	

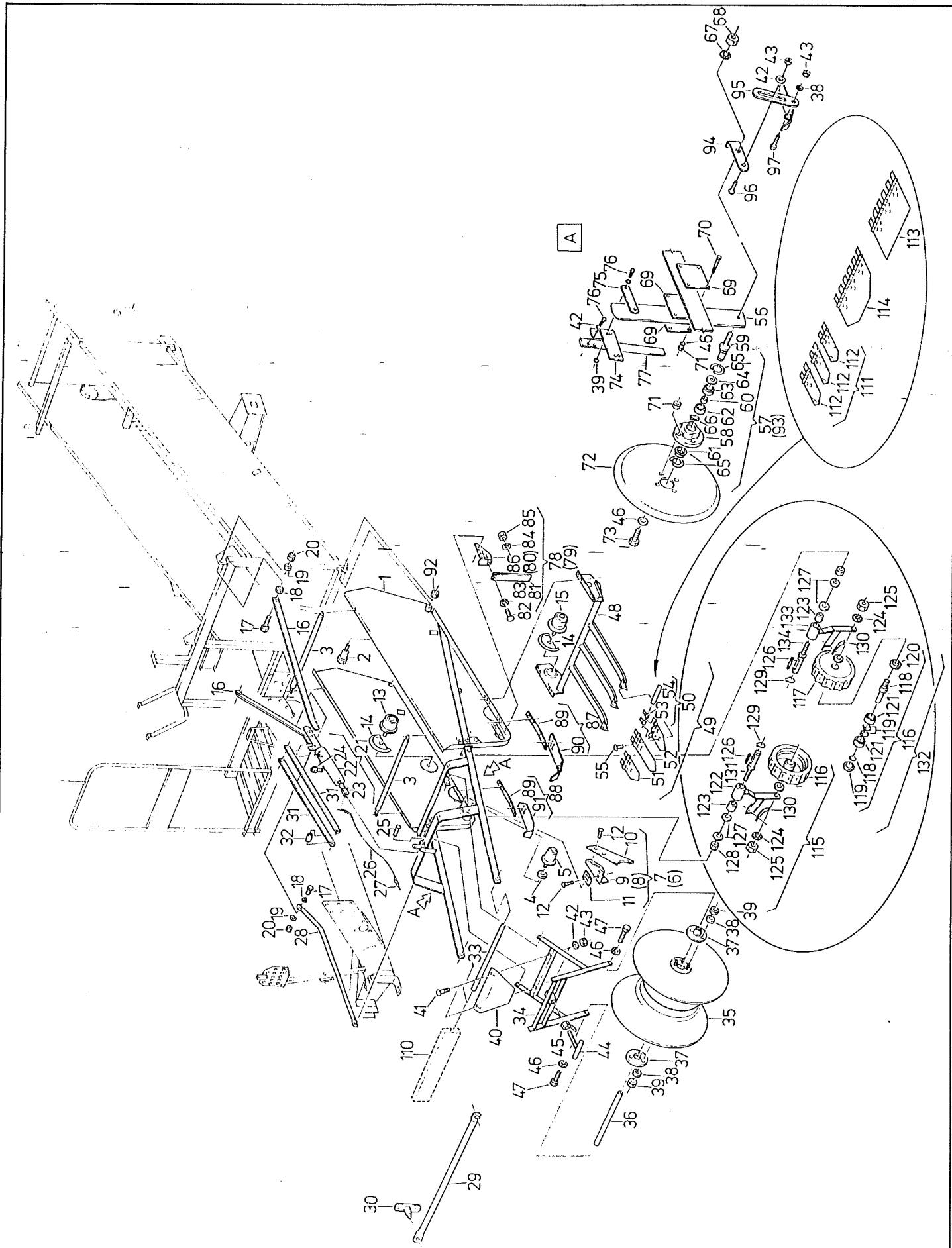


Drawing 2 Hydraulic steering axle, including tyres 1011
 1033

Item No.	Part-Number	Description	Remarks
43.6	16-00-22.5 6/161/205	Wheel rim	
44.1	11.5/80-15.3	Inner tube	
44.2	15.0/55-17	Inner tube	
44.3	10.5/80-18	Inner tube	
44.4	12.5/80-18	Inner tube	
44.5	12-16	Inner tube	
44.6	5.00-22.5 TR-218	Inner tube	
45.1	11.5/80-15 8Pr AW-Tread	Tyre	
45.2	11.5/80-15 8Pr AS-Tread	Tyre	
45.3	11.5/80-15 8Pr T7-Grooved Tread	Tyre	
45.4	15.0/55-17 Pr AW-FARMER	Tyre	
45.5	10.5/80-18 10Pr AW-FARMER	Tyre	
45.6	12.5/80-18 8Pr AW-FARMER	Tyre	
45.7	12.5/80-18 8Pr AW T7 Grooved Tread	Tyre	
45.8	310-406 (12 x 16) 8 Pr Agrar	Tyre	
45.9	500/45-22.5 8Pr T 404	Tyre	
50	402.01.001.03	Clamp bracket	



Item No.	Part-Number	Description	Remarks
1	402.07.010.00	Front frame assy.	From 1985 inclusive
1	401.07.010.00	Front frame assy.	Until 1984 inclusive
1	400.07.010.00	Front frame assy.	until 1983 inclusive
2	000.50.000.03	Bolts, front assy.	
3	400.07.000.01	Cross connecting rod	
4	22x30x2 DIN 988	Disc	
5	000.03.002.00	Deviating roller unit	
6	000.04.003.00	Stripper unit, l/h side (comprising items 8, 10-12)	
7	000.04.004.00	Stripper unit, r/h side (comprising items 9-12)	
8	000.04.001.01	Stripper, l/hand side	
9	000.04.002.01	Stripper, r/hand side	
10	000.04.003.02	Stripper plate	
11	000.04.001.03	Plate	
12	M8 x 20 DIN 603	Truss head screw	
13	000.03.003.00	Sieving web carrying roller	
14	000.03.000.01	Cover plate	
15	000.03.004.00	Rubberised sieving web carrying roller	
16	402.07.000.02	Forked rod (967 long)	
16	402.07.000.02	Forked rod (1020 long)	
16	400.07.000.02	Forked rod (1095 long)	
17	M16x35 DIN 931	Hexagon head screw	
18	170.21.000.03	Bearing bush	
19	A16 DIN 127	Spring ring	
20	M16 DIN 555	Hexagon nut	
21	402.07.020.00	Share lifting cylinder unit (Lifting height 250 mm)	
22	402.07.021.00	Lifting cylinder (Lifting height 250 mm)	
21	400.07.020.00	Share lifting cylinder unit (Lifting height 185 mm)	
22	400.07.021.00	Lifting cylinder (Lifting height 185 mm)	
21	400.07.020.00	Share lifting cylinder unit (Lifting height 135 mm)	
22	400.07.021.00	Lifting cylinder (Lifting cylinder 135 mm)	



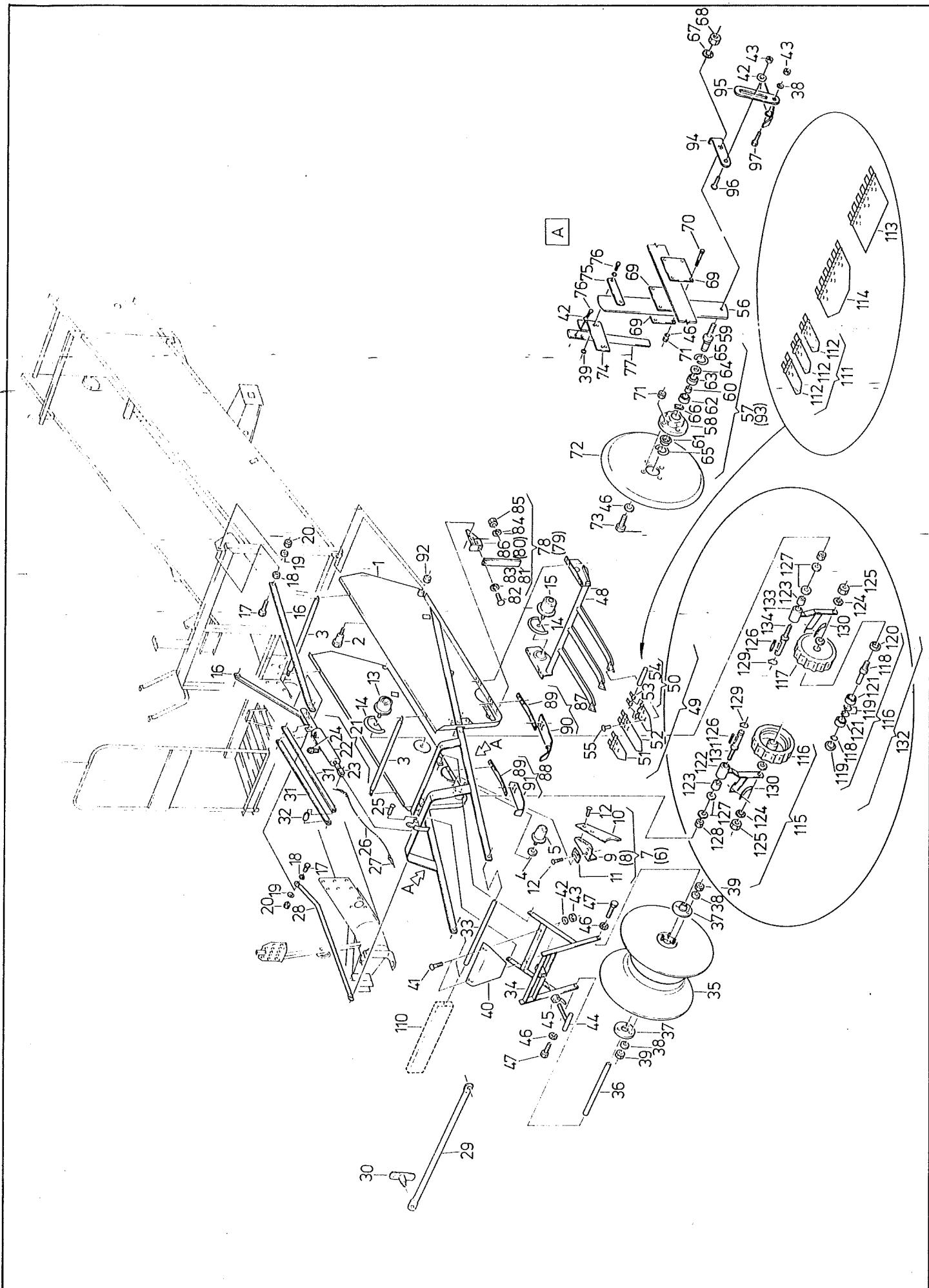
Drawing 3

Lifting unit, shares and diabolo
roller

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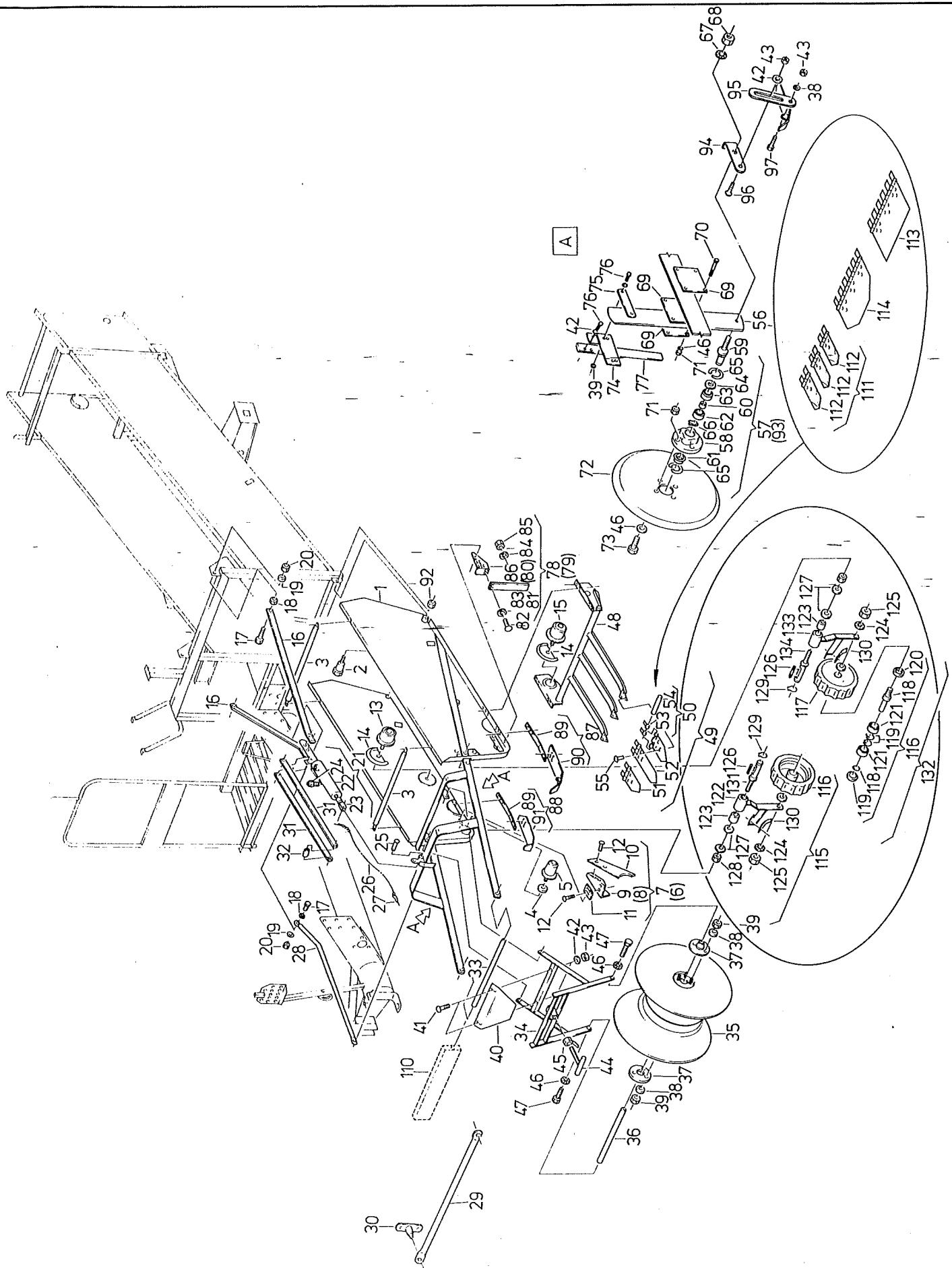
Item No.	Part-Number	Description	Remarks
23	112.80.020.00	Forkhead	
24	EV 1001-05.00	Relief valve, M18 x 1.5	
25	090.13.000.03	Headbolt	
26		Knotted chain, Ø2, 5 double links	
27	Ø4, Form B	Spring plug	
28	402.07.000.04	Lateral guide rod	From 1985 inclusive
29	400.07.000.04	Guide rod	Until 1984 inclusive
30	400.07.030.00	Pivited support	Until 1984 inclusive
31	402.07.000.05	Securing shackle (640 mm long)	From 1985 inclusive
31	400.07.000.05	Securing shackle (575 mm long)	Until 1984 inclusive
32	113.69.010.07	Spacer	
33	401.07.000.08	Cross connecting rod	
34	402.11.010.00	Diabolo roller frame	From 1985 inclusive
34	401.11.010.00	Diabolo roller frame	
34	400.11.010.00	Diabolo roller frame	
35	000.02.070.00	Diabolo roller	
36	090.24.040.01	Diabolo roller axle	
37	FAFNIR RA 30	Flanged bearing	
38	A10 DIN 127	Spring ring	
39	M10 DIN 555	Hexagon nut	
40	400.11.000.01	Diabolo roller stripper	
41	M10x20 DIN 603	Truss head screw	
42	10.5 DIN 9021	Disc	
43	M10 DIN 555	Hexagon nut	
44	090.24.031.00	Adjusting spindle	
45	090.24.050.00	Lock nut	
46	A12 DIN 127	Spring ring	
47	M12x30 DIN 933	Hexagon head screw	
48	400.15.010.00	Share carrier	
49	000.02.040.00	Set of spade type share plates (comprising items 50, 51, and 52)	



Drawing 3 Lifting unit, shares and diabolo
 roller

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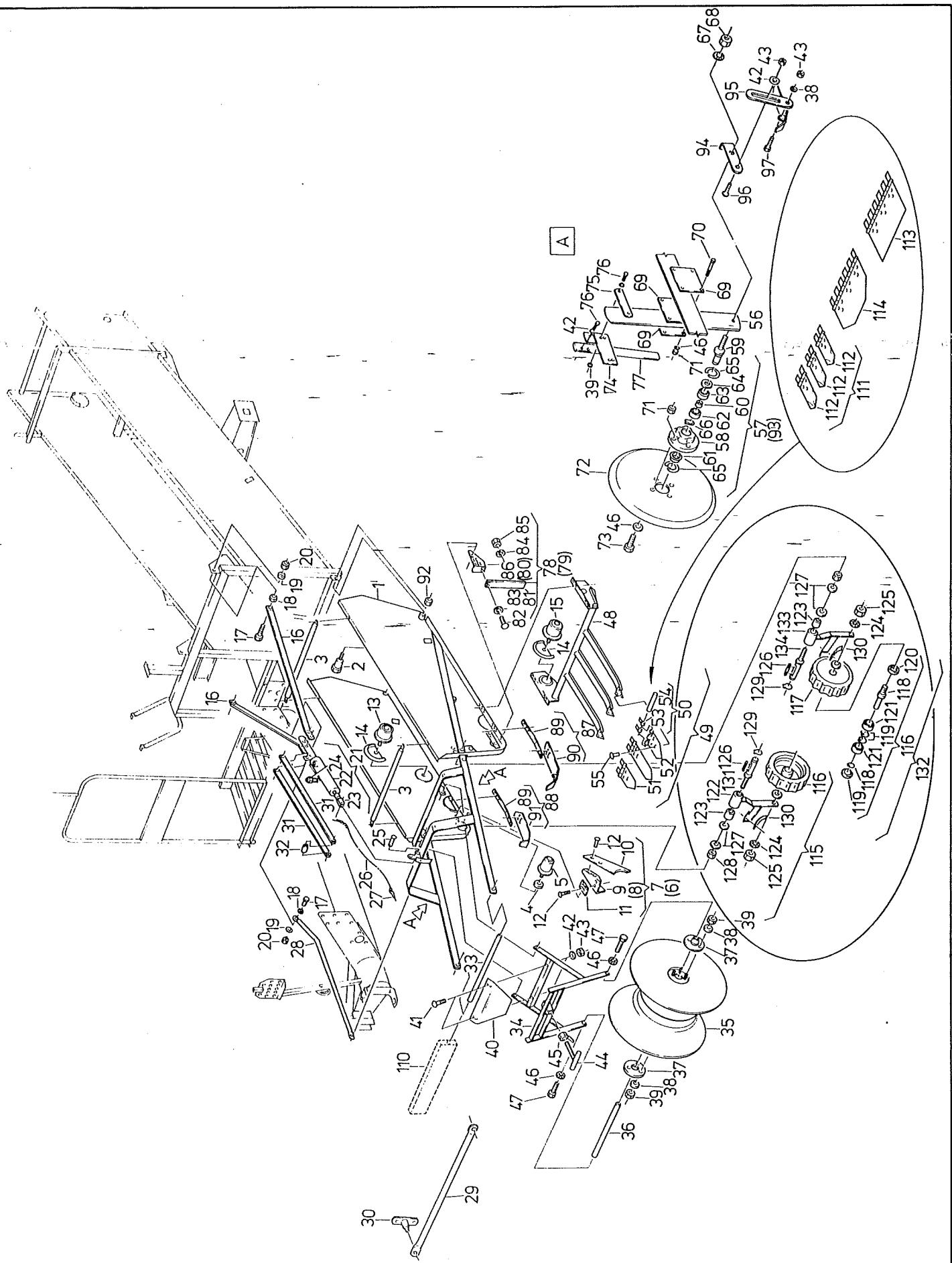
Item No.	Part-Number	Description	Remarks
50	000.02.041.00	Spade share unit, l/h side	
51	000.02.042.00	Spade share unit, r/h side	
52	000.02.043.00	Spade share unit, centre	
53	000.02.041.06	Share flap	
54	000.02.041.05	Rivet pin	
55	M12 x 30 DIN 608	Countersunk bolt	
56	400.15.000.02	Disc coulter carrying arm	
57	000.02.004.00	Disc coulter hub unit (comprising items 58-66)	
58	000.02.004.01	Disc coulter hub	
59	000.02.004.02	Disc coulter bolt	
60	000.02.004.03	Distance tube	
61	000.02.004.04	Locking cap	
62	6206 DIN 6206	Ball bearing	
63	6206 RS DIN 6206	Ball-bearing	
64	6206 ZJV	NILOS-ring	
65	I62 DIN 472	Locking ring	
66	A30 DIN 471	Locking ring	
67	A24 DIN 6797	Toothed disc	
68	M24x1.5 DIN 934	Hexagon nut	
69	400.15.000.03	Clamped flange	
70	M12x90 DIN 931	Hexagon head screw	
71	M12 DIN 555	Hexagon nut	
72	000.02.000.02	Disc coulter, 570 mm in diameter	
72	000.02.000.03	Disc coulter, 645 mm in diameter	
73	M12x30 DIN 933	Hexagon head screw	
74	400.15.000.09	Stripper arm	
75	400.15.000.06	Clamping fishplate	
76	M10x45 DIN 933	Hexagon head screw	
77	206.07.000.06	Stripper	
78	400.15.030.00	Locking flap unit, l/h side (comprising items 81-86)	
79	400.15.040.00	Locking flap unit, r/h side (comprising items 80-85)	



Drawing 3 Lifting unit, shares and diabolo roller

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Item No.	Part-Number	Description	Remarks
80	400.15.040.01	Rubber carrier, r/h side	
81	040.12.030.02	Locking rubber	
82	M6 x 25 DIN 603	Carriage bolt	
83	6.4 DIN 9021	Disc	
84	A6 DIN 127	Spring ring	
85	M6 DIN 555	Hexagon nut	
86	400.15.030.01	Rubber carrier, l/h side	
87	400.15.050.00	Stripper unit, l/h side (comprising items 89-90)	
88	400.15.060.00	Stripper unit, l/h side (comprising items 89 and 91)	
89	400.15.050.01	Stripper arm	
90	400.15.051.02	Stripper guiding rail, l/h side	
91	400.15.061.02	Stripper guiding rail, r/h side	
92	M 20 DIN 936	Flat type hexagon nut	
93	000.02.006.00	Disc coulter hub unit (645 mm in diameter)	
94	402.27.000.20	Bracket	
95	402.27.000.21	Connectin Strap	
96	M 10 DIN 603	Truss head screw	
97	M10x25 DIN 931	Hexagon head screw	
<u>Special eqipment</u>			
110	401.07.050.00	Cross connecting rod	
111	000.02.050.00	Set of spade type share plates (comprising 3x item 112)	
112	000.02.051.00	Spade share unit	
113	000.02.100.00	Full-length spade share unit (470 mm wide)	
114	000.02.102.00	Full-length spade share unit (570 mm wide)	
115	401.29.010.00	Haulm intake roller assy with roller carrier, r/h side (comprising items 116, 122-131)	
116	000.03.021.00	Haulm intake roller unit (comprising items 117-121)	
117	000.03.021.01	Rubberized intake roller element	
118	000.03.006.03	Carrying roller bolt	
119	000.03.003.04	Dust cover	



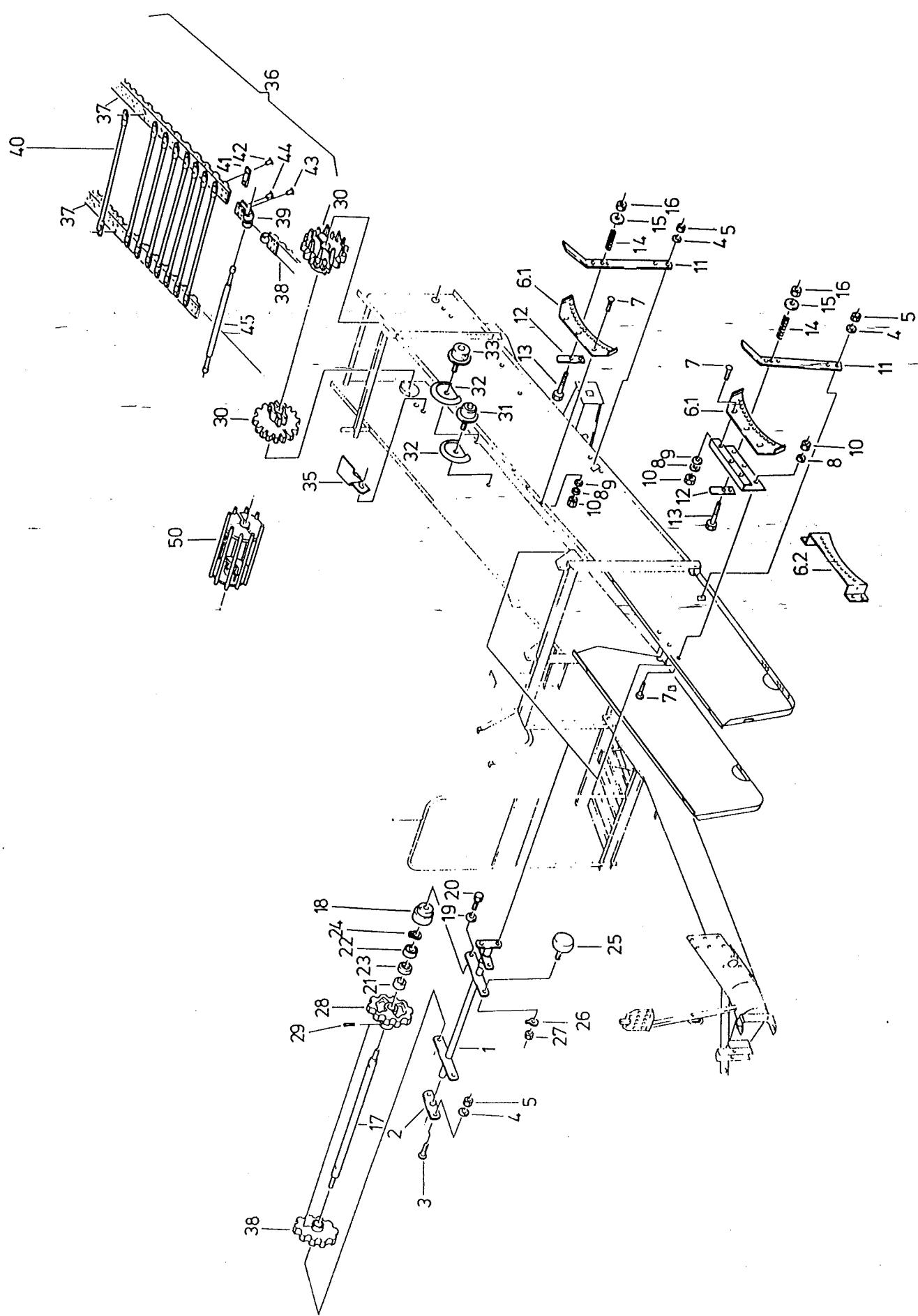
Drawing 3

Lifting unit, shares and diabolo
roller

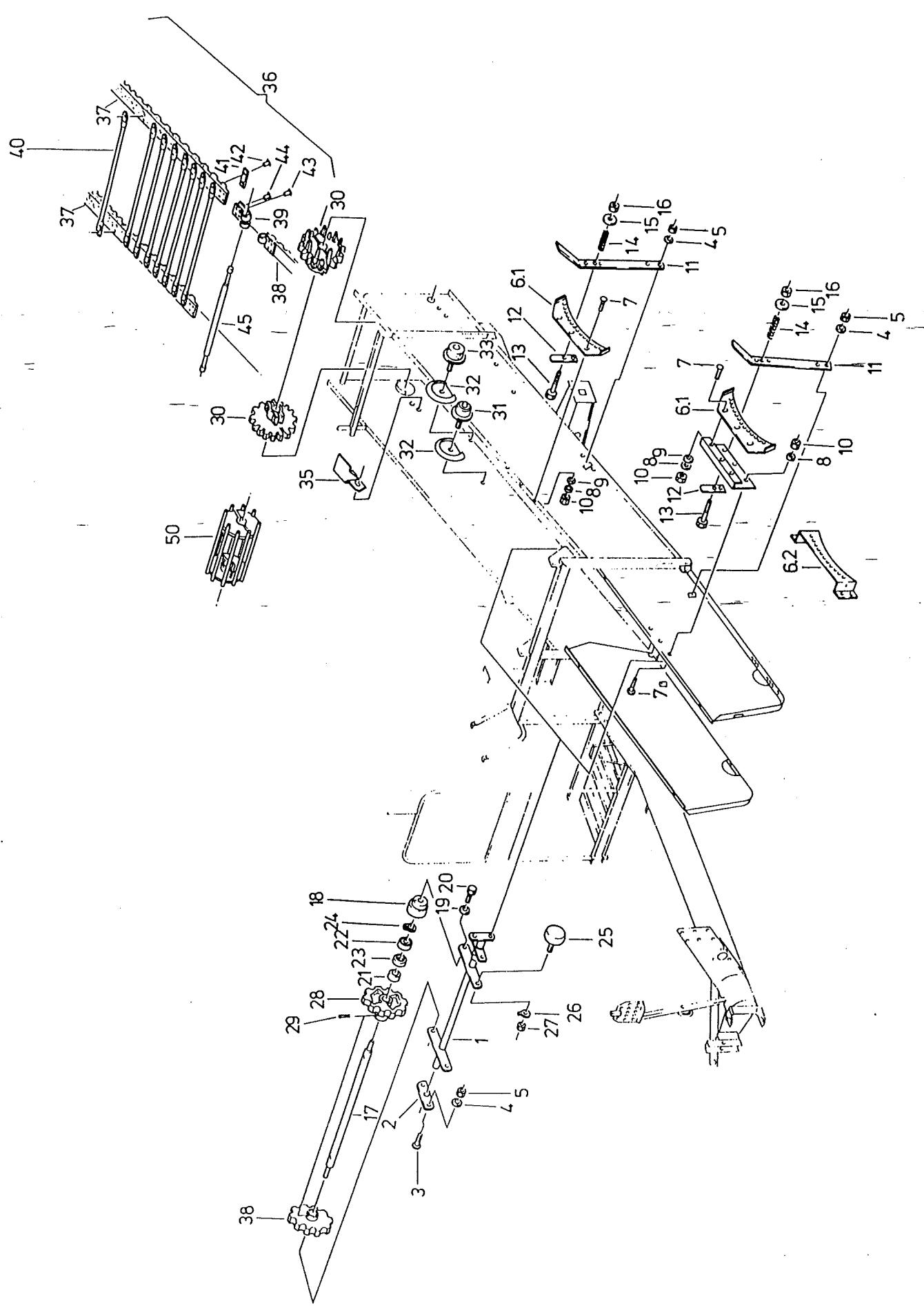
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Item No.	Part-Number	Description	Remarks
118	A17 DIN 471	Retaining ring	
119	I35 DIN 472	Retaining ring	
120	17 x 35 LSTO	NILOS-ring	
121	16003 DIN 625	Ball bearing	
122	400.29.011.00	Roller carrier unit, r/h side	
123	090.29.010.01	Silent bloc	
124	A21 DIN 6797	Toothed disc -	
125	M20 DIN 936	Flat type hexagon nut -	
126	A6x4x40 DIN 6885	Adjusting spring	
127	A21 DIN 9021	Disc	
128	M20 DIN 555	Hexagon nut	
129	A20 DIN 471	Retaining ring	
130	400.29.010.02	Retaining rubber	
131	090.29.010.02	Adjustment bolt, right-hand thread	
132	400.29.020.00	Haulm intake roller assy. with roller carrier, l/h side (comprising items 116, 123-131 and 133)	
133	400.29.021.00	Roller carrier unit, l/h side	
134	090.29.020.02	Adjustment bolt, left-hand thread	



Item No.	Part-Number	Description	Remark
1	400.06.010.00	Agitator shaft	
2	400.06.010.03	Bearing fishplate	
3	M10x25 DIN 603	Truss head screw	
4	A10 DIN 127	Spring ring	
5	M10 DIN 555	Hexagon nut	
6.1	400.06.000.02	Agitator element	
6.2	450.33.000.01	Agitator element	
7	M8x16 DIN 603	Truss head screw	
8	A8 DIN 127	Spring ring	
9	3.4 DIN 9021	Disc -	
10	M8 DIN 555	Hexagon nut	
11	400.06.020.00	Hand lever	
12	400.06.000.04	Counter fishplate	
13	M10x55 DIN 931	Hexagon head screw	
14	090.33.000.04	Pressure spring	
15	10.5 DIN 9021	Disc	
16	M10 DIN 982	Self-locking hexagon nut	
17	400.06.000.05	Elliptic drive shaft	
17	400.06.000.06	Elliptic drive shaft, for special carrot sieving chain	
18	113.33.000.05	End journal bearing	
19	A16 DIN 127	Spring ring	
20	M16x20 DIN 933	Hexagon head screw	
21	113.33.000.06	Stop ring	
22	6204 RS DIN 625	Ball bearing	
23	LSTO-20 x 47	NILOS-ring	
24	A20 DIN 471	Retaining ring	
25	000.03.005.00	Beater roller unit	
26	21 DIN 93	Locking plate	
27	M20 DIN 936	Hexagon nut	
28.1.	113.40.030.01	Elliptic unit, 32 mm spacing	
28.2	113.36.030.01	Elliptic unit, 36 mm spacing	
28.3	113.38.030.01	Elliptic unit, 40 mm spacing	
28.4	113.42.030.01	Elliptic unit, 45 mm spacing	
29	8 x 50 DIN 1481	Clamping sleeve	
30.1	000.05.310.00	Sieving web drive sprocket, 32 mm spacing	
30.2	000.05.300.00	Sieving web drive sprocket, 36 mm spacing	



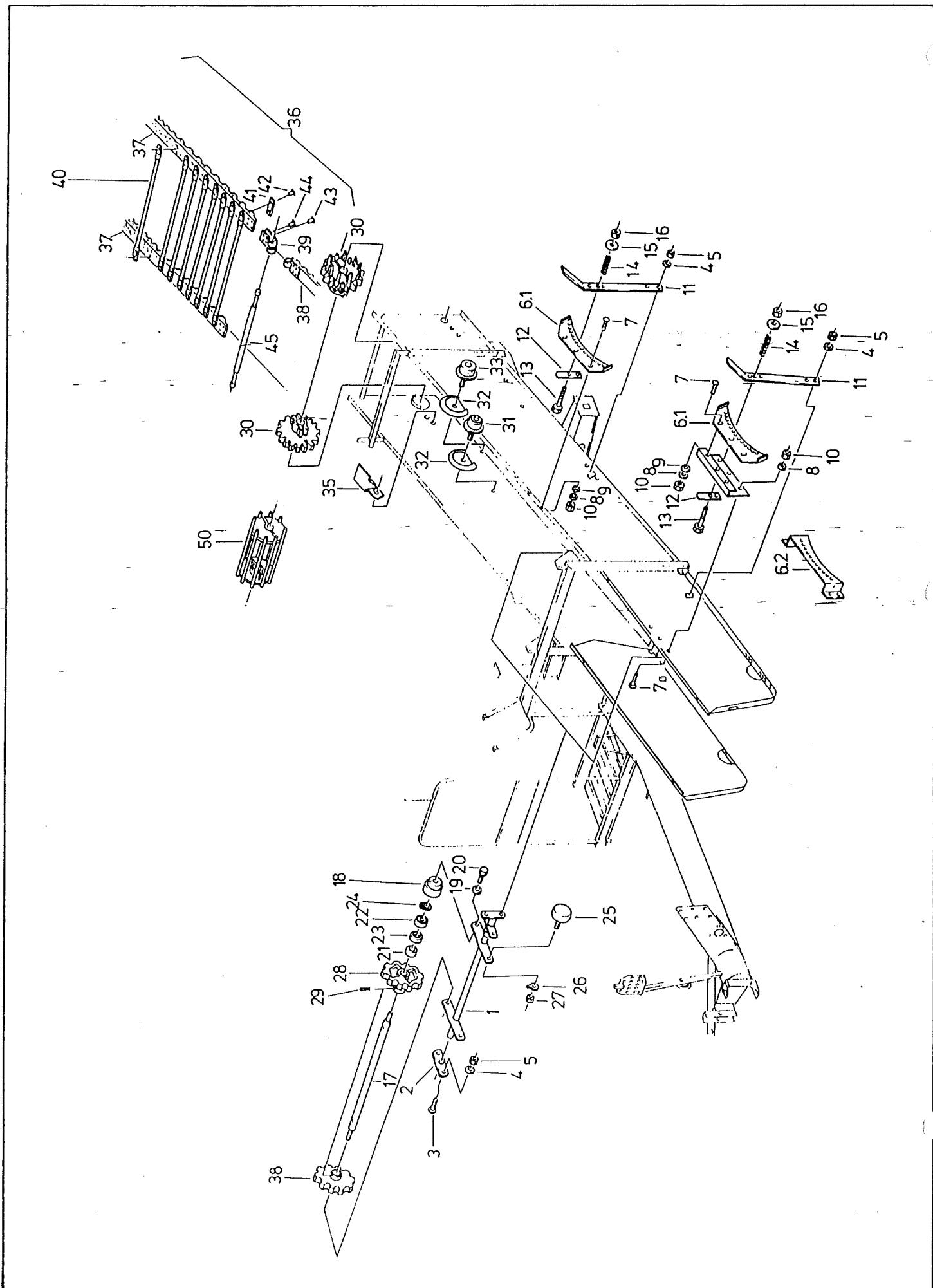
Drawing 4

Sieving web and elliptical agitator

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Item No.	Part-Number	Description	Remarks
30.3	000.05.320.00	Sieving web drive sprocket, 40mm spacing	
30.4	000.05.330.00	Sieving web drive sprocket, 45 mm spacing	
31	000.03.003.00	Sieving web carrying roller unit	
32	000.03.000.01	Cover plate	
33	000.03.004.00	Rubberized sieving web carrying roller unit	
34	000.44.010.00	Stripper, l/h side	
35	000.44.020.00	Stripper, r/h side	
36.1	400.25.040.00	Sieving web assy., 32 mm spacing	
36.2	400.26.040.00	Sieving web assy., 36 mm spacing	
36.3	400.27.040.00	Sieving web assy., 40 mm spacing	
36.4	400.24.040.00	Sieving web assy., 45 mm spacing	
37.1	400.25.040.01	Sieving web belt, 32 mm spacing	
37.2	400.26.040.01	Sieving web belt, 36 mm spacing	
37.3	400.27.040.01	Sieving web belt, 40 mm spacing	
37.4	400.24.040.01	Sieving web belt, 45 mm spacing	
38.1	000.05.001.03	Belt lock half, male 32 mm spacing	
38.2	000.05.001.07	Belt lock half, male 36 mm spacing	
38.3	000.05.001.10	Belt lock half, male 40 mm spacing	
38.4	000.05.001.13	Belt lock half, male 45 mm spacing	
39.1	000.05.001.04	Belt lock half, female 32 mm spacing	
39.2	000.05.001.08	Belt lock half, female 36 mm spacing	
39.3	000.05.001.11	Belt lock half, female 40 mm spacing	
39.4	000.05.001.14	Belt lock half, female 45 mm spacing	
40	000.05.117.01	Sieving web rod	
41	000.05.001.02	Sieving web fishplate	
42	5 x 20 DIN 661	Countersunk rivet	



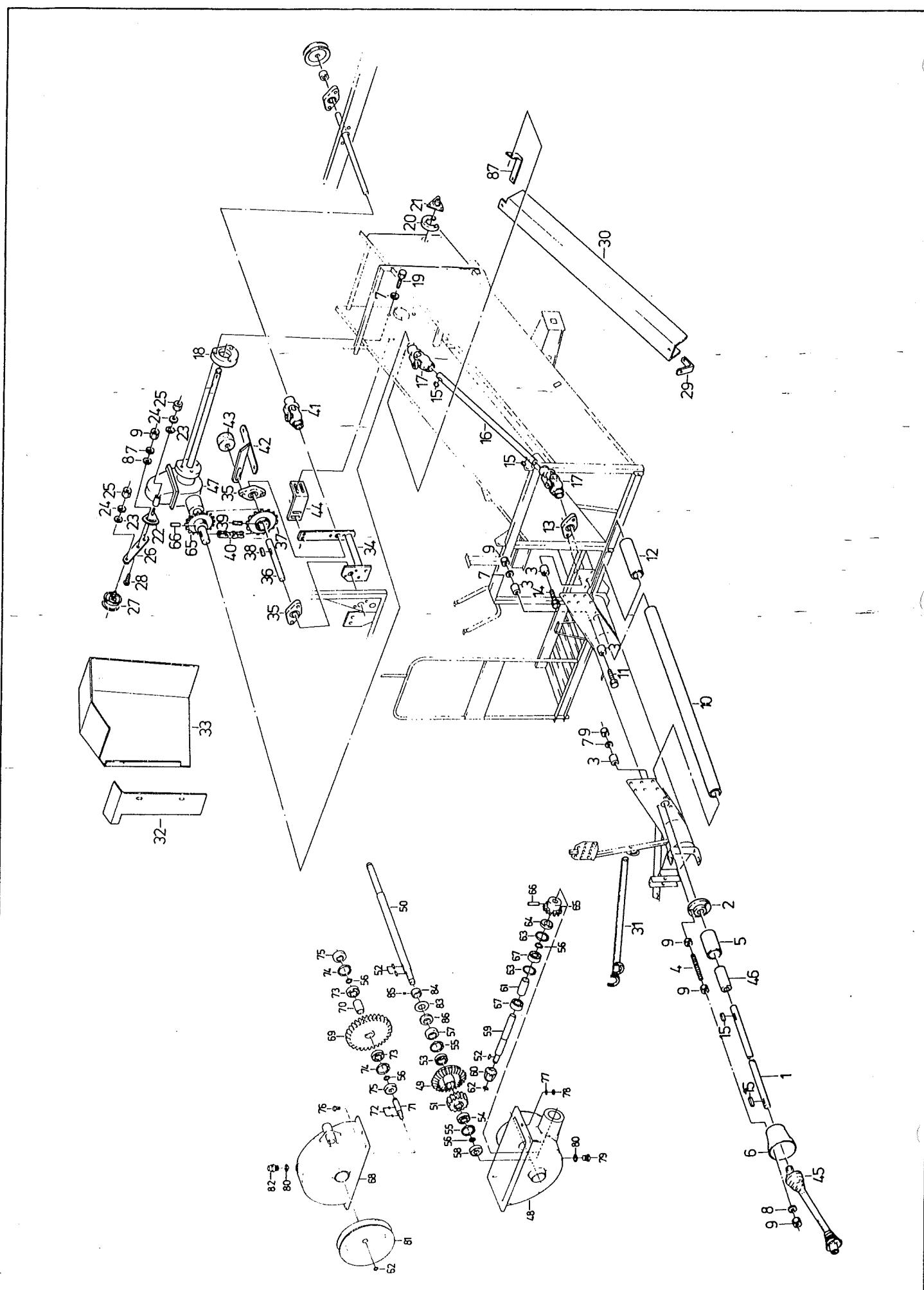
Drawing 4

Sieving web and elliptical agitator

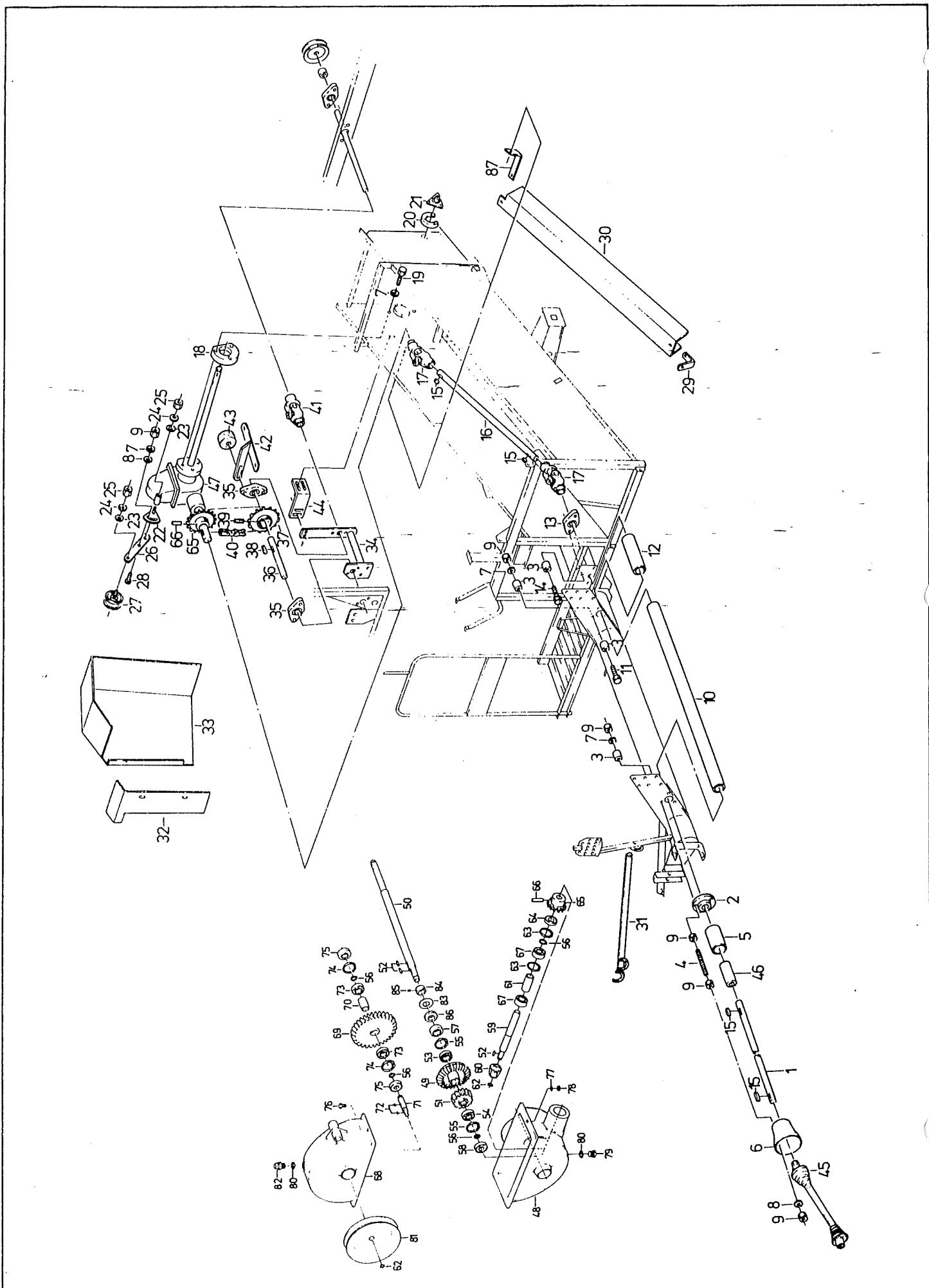
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Item No.	Part-Number	Description	Remarks
43	5 x 23 DIN 661	Countersunk rivet	
44	5 x 26 DIN 661	Countersunk rivet	
45	000.05.117.06	Connecting rod	
50.1	400.25.020.00	Basket shield unit, 32-mm spacing	
50.2	400.26.020.00	Basket shield unit, 36 mm spacing	
50.3	400.27.020.00	Basket shield unit, 40 mm spacing	
50.4	400.24.020.00	Basket shield unit, 45 mm spacing	{ Only for machine with haulm-pick- ing roller }



Item No.	Part-Number	Description	Remarks
1	400.10.000.01	Main drive shaft	
2	FAFNIR RA 30	Flanged bearing	
3	113.69.010.07	Spacer	
4	400.10.000.05	Spiral bolt	
5	400.10.000.06	Front guard tube	
6	203.09.000.19	Front shaft guard socket	
7	A10 DIN 127	Spring ring	
8	A10.5 DIN 125	Disc	
9	M10 DIN 555	Hexagon nut	
10	400.10.000.07	Guard tube	
11	M10x45 DIN 931	Hexagon head screw	
12	400.10.000.03	Guard tube	
13	FAFNIR FLCTE	Flanged bearing	
14	M10x50 DIN 931	Hexagon head screw	
15	A8x7x32 DIN 6885	Adjusting spring	
16.1	400.10.000.02	Intermediate shaft, 1605 mm long (without cut-off coupling)	
16.2	400.69.000.01	Intermediate shaft, 1380 mm long (with cut-off coupling)	
17.1	W2300/21.30.07/ 21.29.02	Universal joint (with clamping bolt and stud bolt)	
17.2	W2300/21.30.07/ 21.30.07	Universal joint (with stud bolt)	
18.	410.10.000.01	Intermediate ring	
19	M10x50 DIN 933	Hexagon head screw	
20	000.50.000.20	Spacer	
21	FAFNIR RATR 30	Flanged bearing	
22	040.15.031.00	Carrier	
23	12.5 DIN 125	Disc	
24	A12 DIN 127	Spring ring	
25	M12 DIN 555	Hexagon nut	
26	040.15.030.01	Tensioning arm	
27	SR 302-UK 100	Tensioning pulley	
28	M10x30 DIN 603	Truss head screw	
29	400.10.000.10	Fastening angle	

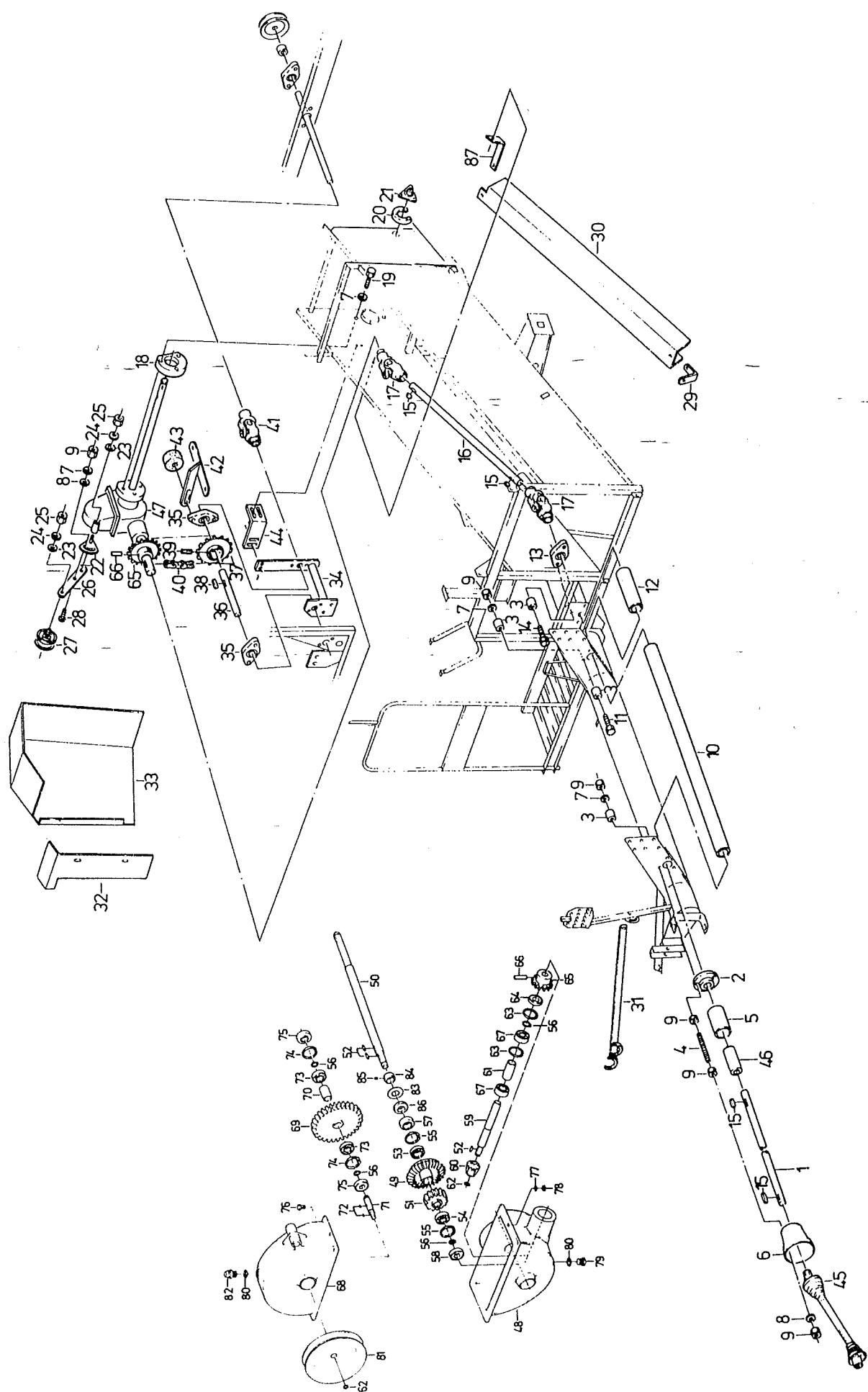


Drawing 5 Main drive assy.

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Item No.	Part-Number	Description	Remarks
30.1	400.10.000.09	Prop. shaft cover, 1330 mm long (without cut-off coupling)	
30.2	400.69.000.02	Prop. shaft cover, 110 mm long (with cut-off coupling)	
31	400.10.030.00	Prop. shaft support	
32	400.10.000.03	Cover plate	
33	400.12.160.00	Guard hood	
34	401.58.110.00	Bearing bracket	
35	FAFNIR FLCTE 25	Flanged bearing	
36	401.58.000.02	Countershaft	
37.1	000.57.000.15	Sprocket, 5/8", Z = 18 (18 teeth)	
37.2	090.63.040.00	Sprocket, 1/2", Z = 25 (25 teeth)	
38	A8x7x22 DIN 6885	Adjusting spring	
39	M10 x 12 DIN 916	Threaded stud	
40	5/8"x3/8", 50 rollers	Roller chain	
41	W2100/10.22.31/ 10.22.31	Universal joint	
42	400.08.030.00	Chain tensioning arm	
43	000.50.000.05	Tensioning block	
44	401.58.000.03	Supporting angle	
45	401.30.050.00	Universal-joint shaft assy.	
45	401.30.054.00	Universal-joint shaft assy. (Brit. type)	
45	401.30.052.00	Wide-angled U/J shaft assy.	
45	401.30.056.00	Wide-angled U/J shaft assy. (Brit. type)	
46	000.63.000.16	Distance tube	
47.1	410.10.010.00	Miter gear unit (comprising items 48-86)	Until 1984 inclusive.
47.2	401.30.010.00	Miter gear unit (comprising items 48-86)	From 1986 inclusive
48	040.15.010.01	Lower gear case	
49	040.15.010.02	Spur bevel gear, 36 teeth, m = 5	
50	410.10.010.03	Sieving web drive shaft	
51.1	400.10.010.04	Pinion, 21 teeth, m = 4	Until 1984 incl.
51.2	401.30.010.04	Pinion, 19 teeth, m = 4	From 1985 incl.
52	A8x7x32, DIN 6885	Adjusting spring	

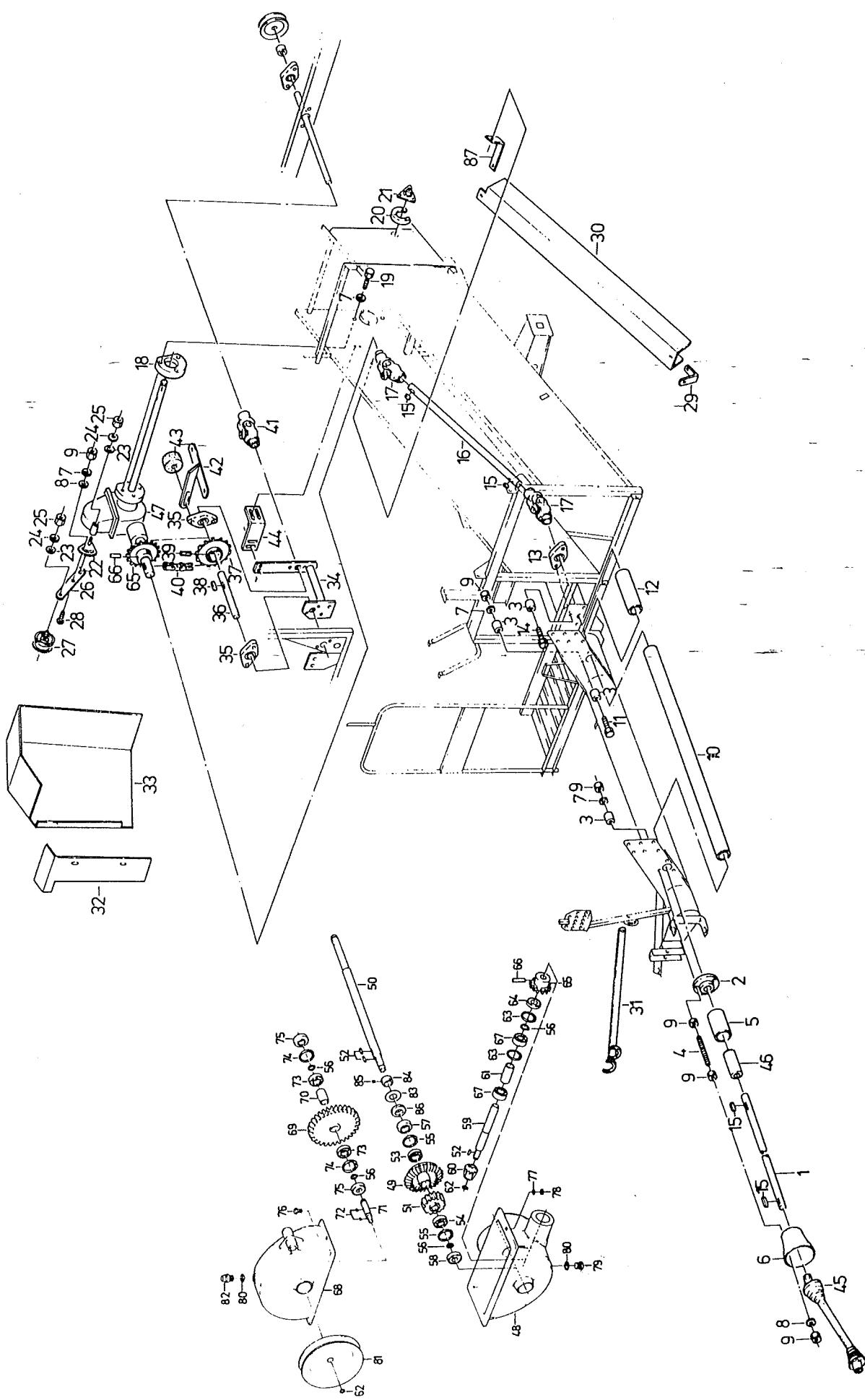


Drawing 5 Main drive assy.

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Item No.	Part-Number	Description	Remarks
53	6007 DIN 625	Ball bearing	
54	6206 DIN 625	Ball bearing	
55	I62 DIN 472	Retaining ring	
56	A30x2 Sd DIN 471	Retaining ring	
57	62 x 35 x 8	Shaft sealing ring	
58	62 x 30 x 8	Shaft sealing ring	
59	Ø40.15.010.05	Drive shaft	
60	Ø40.15.010.06	Bevel pinion, 12 teeth, m = 5	
61	Ø40.15.010.07	Distance sleeve	
62.1	A22x1.75 Sd DIN 471	Retaining ring	
62.2	A25x2 Sd DIN 471	Retaining ring	
63.	I72 DIN 472	Retaining ring	
64	72 x 30 x 10	Shaft sealing ring	
65.1	Ø40.15.010.08	Sprocket, 1/2", 13 teeth	
65.2	Ø00.56.008.00	Sprocket, 1/2", 20 teeth	
65.3	Ø00.57.000.14	Sprocket, 5/8", 14 teeth	
65.4	Ø00.57.000.16	Sprocket, 5/8", 12 teeth	
66	8 x 40 DIN 1481	Clamping sleeve	
67	6306 DIN 625	Ball bearing	
68	Ø40.15.010.09	Upper gear case	
69.1	401.30.010.10	Toothed wheel, 54 teeth, m = 4	
69.2	400.10.010.05	Toothed wheel, 52 teeth, m = 4	
70	Ø40.15.010.11	Distance sleeve	
71.1	401.30.010.12	Power take-off shaft, 50 mm in dia, set off to fit to 25 mm in dia.	
71.2	Ø40.15.010.12	Power take-off shaft, 30 mm in dia, set off to fit to 22 mm in dia.	
72	A8x7x20 DIN 6885	Adjusting spring	
73	6006 DIN 625	Ball bearing	
74	I55 DIN 472	Retaining ring	
75	55 x 30 x 8	Shaft sealing ring	
76	M8 x 25 DIN 931	Hexagon head screw	
77	A8 DIN 127	Spring ring	



Drawing 5 Main drive assy.

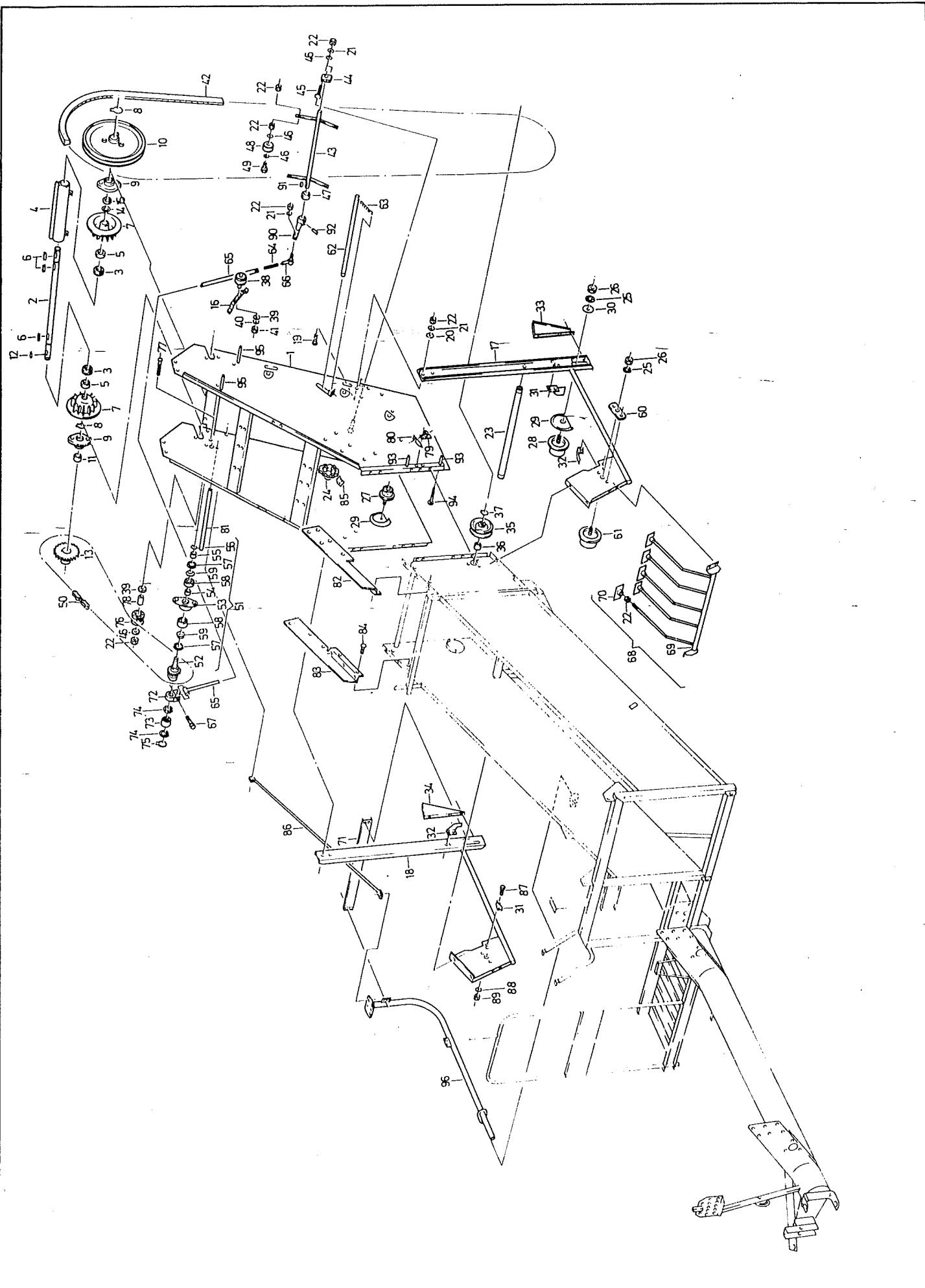
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Item No.	Part-Number	Description	Remarks
78	M8 DIN 555	Hexagon nut	
79	M18x1.5 DIN 7604	Locking screw	
80	18.5x21.5x1.5	Sealing ring	
81.1	401.30.020.00	V-belt pulley, 275 mm in dia, borehole being 25 mm in dia	
81.2	040.15.020.00	V-belt pulley, 240 mm in dia. borehole being 22 mm in dia	
82	EV 1001-05.00	Relief valve M18 x 1.5	
83	040.15.010.13	Washer	
84	040.15.010.14	Adjusting ring	
85	AM8x10 DIN 913	Threaded stud	
86	040.15.010.15	Felt ring 62 x 35 x 10	
87	400.19.000.01	Guard cover mounting bracket	

Drawing 6.1 Haulm web, frame and drive

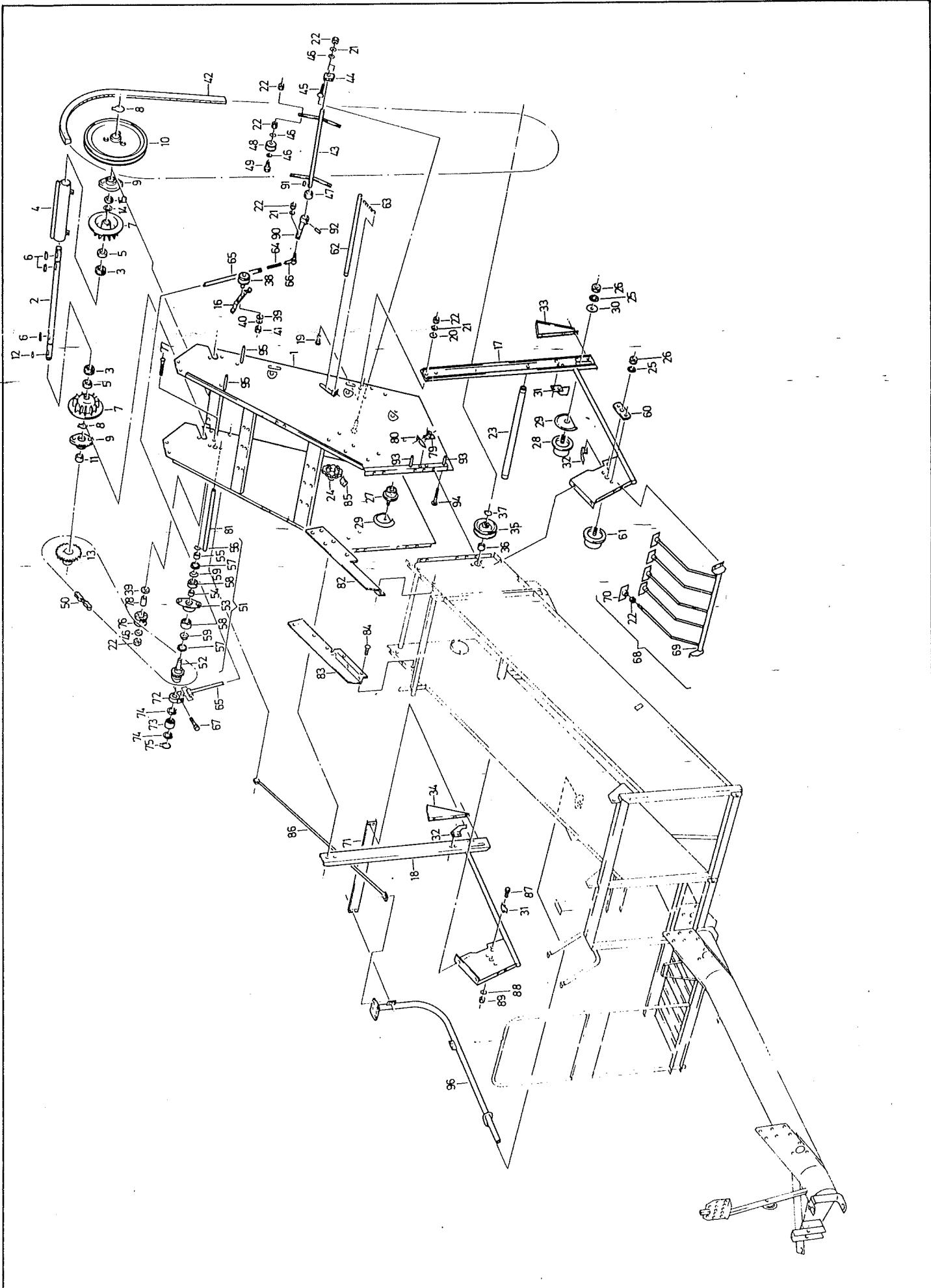
Planche 6.1 Tapis effaneur, châssis et entraînement



Item No.	Part-Number	Description	Remarks
1	411.51.010.00	Haulm web frame	
2	410.30.020.01	Drive shaft	
3	6119-1	Bush	
4	140.51.130.00	Guard tube	
5	A30 DIN 705	Adjusting ring	
6	A8x7x40 DIN 6885	Adjusting spring	
7	000.08.100.01	Drive pulley	
8	A30 DIN 471-	Retaining ring-	
9	170.63.000.10	Flanged bearing -	
10	110.51.015.00	V-belt pulley, 404 mm in dia.	
11	090.54.020.02	Distance tube	
12	A8x7x20 DIN 6885	Adjusting spring	
13	121.63.220.00	Chain sprocket, 1/2", 32 teeth	
14	Ø30xØ55 x 1	- Disc -	
15	000.85.000.54	- Felt ring -	
16	410.30.000.01	Stirrup	
17	411.51.030.00	Roller frame, l/h side	
18	411.51.040.00	Roller frame, r/h side	
19	M10x20 DIN 603	Truss head screw	
20	10.5 DIN 125	Disc	
21	A10 DIN 127	Spring ring	
22	M10 DIN 555	Hexagon nut	
23	410.30.050.00	Cross connecting rod	
24	000.03.013.00	Elliptic agitator	
25	A21 DIN 6797	Toothed disc	
26	M20 DIN 936	Hexagon nut	
27	000.03.004.00	Sieving web carrying roller, rubberized	
28	000.03.003.00	Sieving web carrying roller	
29	000.03.000.01	Covering disc	
30	21 DIN 9021	Disc	
31	106.51.000.05	Stripper, l/h side	
32	106.51.000.06	Stripper, r/h side	
33	410.30.000.03	Intake guard, l/h side	
34	410.30.000.04	Intake guard, r/h side	
35	000.80.000.10	V-belt pulley, 155 mm in dia.	
35	000.80.000.11	V-belt pulley, 185 mm in dia.	

Drawing 6.1 Haulm web, frame' and drive

Planche 6.1 Tapis effaneur, châssis et entraînement



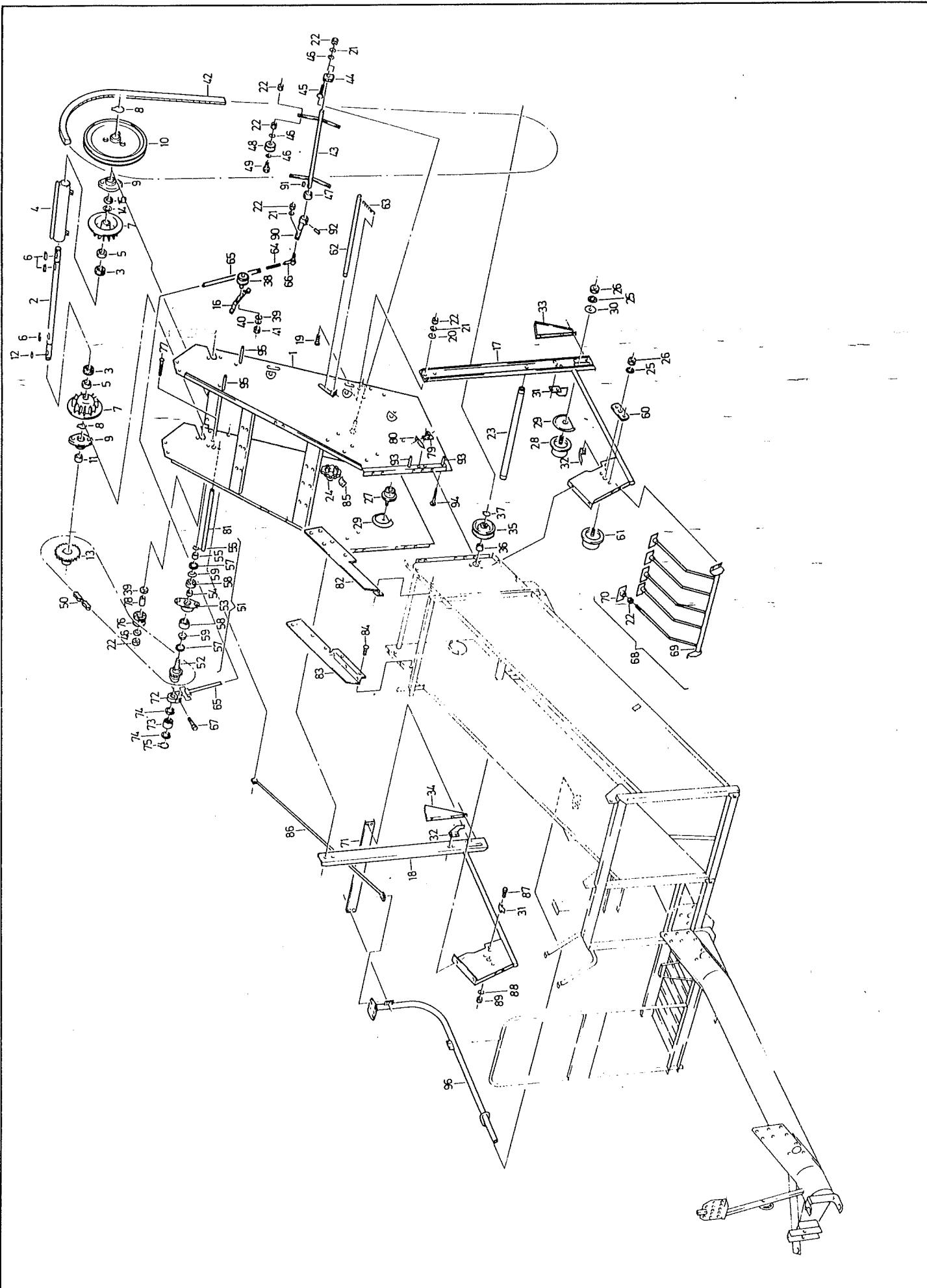
Drawing 6.1 Haulm web, frame and drive

1033

Item No.	Part-Number	Description	Remarks
36	000.63.000.11	Distance tube	
37	A30 DIN 471	Retaining ring	
38	SR 302 UK 100	V-belt tensioning pulley	
39	13 DIN 9021	Disc	
40	A12 DIN 127	Spring ring	
41	M12 DIN 555	Hexagon nut	
42	25x4650 DIN 2215	V-belt	
43	411.51.060.00	Vibrator shaft	
44	450.51.000.05	Timber bush	
45	M10x60 DIN 603	Truss head screw	
46	A10.5 DIN 9021	Disc	
47	A20 DIN 705	Adjusting ring	
48	000.13.010.02	Rubber roll	
49	M10 x 65 DIN 933	Hexagon head screw	
50	1/2"x5/16", 57 rollers, DIN 8187	Roller chain	
51	140.51.220.00	Crank with bearing unit (comprising items 52-59)	
52	140.51.185.00	Crankshaft	
53	000.10.001.05	Bearing shell	
54	000.10.001.06	Distance tube	
55	000.10.001.07	Distance tube	
56	A30 DIN 471	Retaining ring	
57	I55x2 DIN 472	Retaining ring	
58	16006 DIN 625	Ball bearing	
59	16006 IV	NILOS-ring	
60	411.51.000.11	Guide piece	
61	000.03.020.00	Deviating roller unit	
62	410.30.000.12	Stripper rod	
63	113.84.000.16	Tensioning spring	
64	141.51.190.02	Threaded rod	
65	411.51.110.00	Push rod	

Drawing 6.1 Haulm web, frame' and drive

Planche 6.1 Tapis effaneur, châssis et entraînement



Drawing 6.2

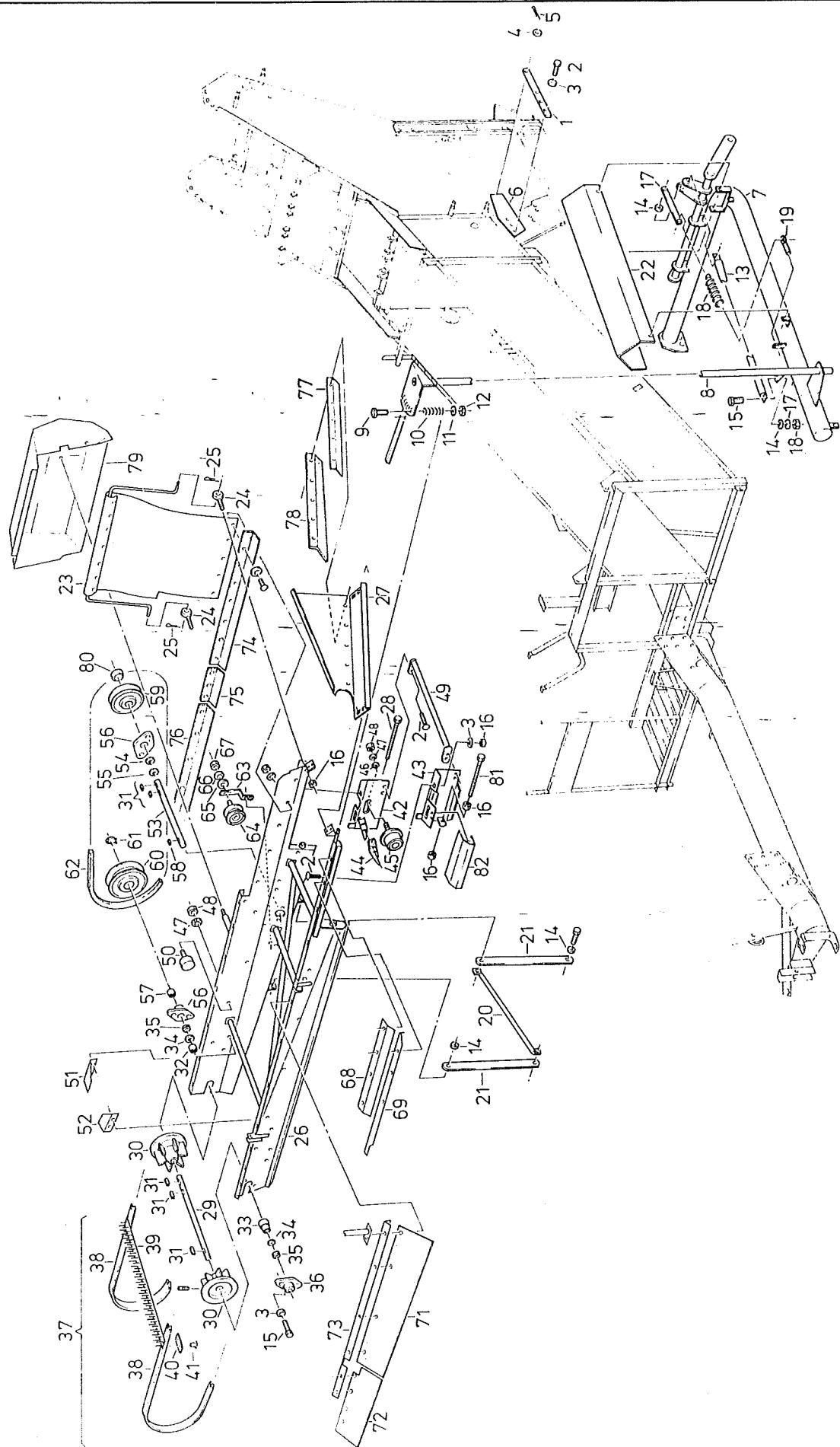
Haulm web, chain and accessories

1033

Item No.	Part-Number	Description	Remarks
61.1	411.51.230.01	Toothed belt, 35 mm spacing, 5810 mm long	From 1984 incl.
61.2	141.51.230.01	Toothed belt, 35 mm spacing, 5580	Until 1983 incl.
62.1	411.51.230.02	Centre belt, 6210 mm long	From 1984 incl.
62.2	141.51.230.02	Centre belt, 5680 mm long	Until 1983 incl.
63	411.58.160.00	Guard hood	

Special Accessories

70	410.30.081.00	Haulm retainer axle shaft
71	141.51.152.00	Haulm retaining spring
72	410.30.091.00	Haulm retainer axle shaft
73	410.30.093.00	Haulm retaining spring
74	410.30.092.00	Haulm retaining spring
75	411.51.000.08	Bearing plate, l/h side
76	411.51.000.09	Bearing plate, r/h side



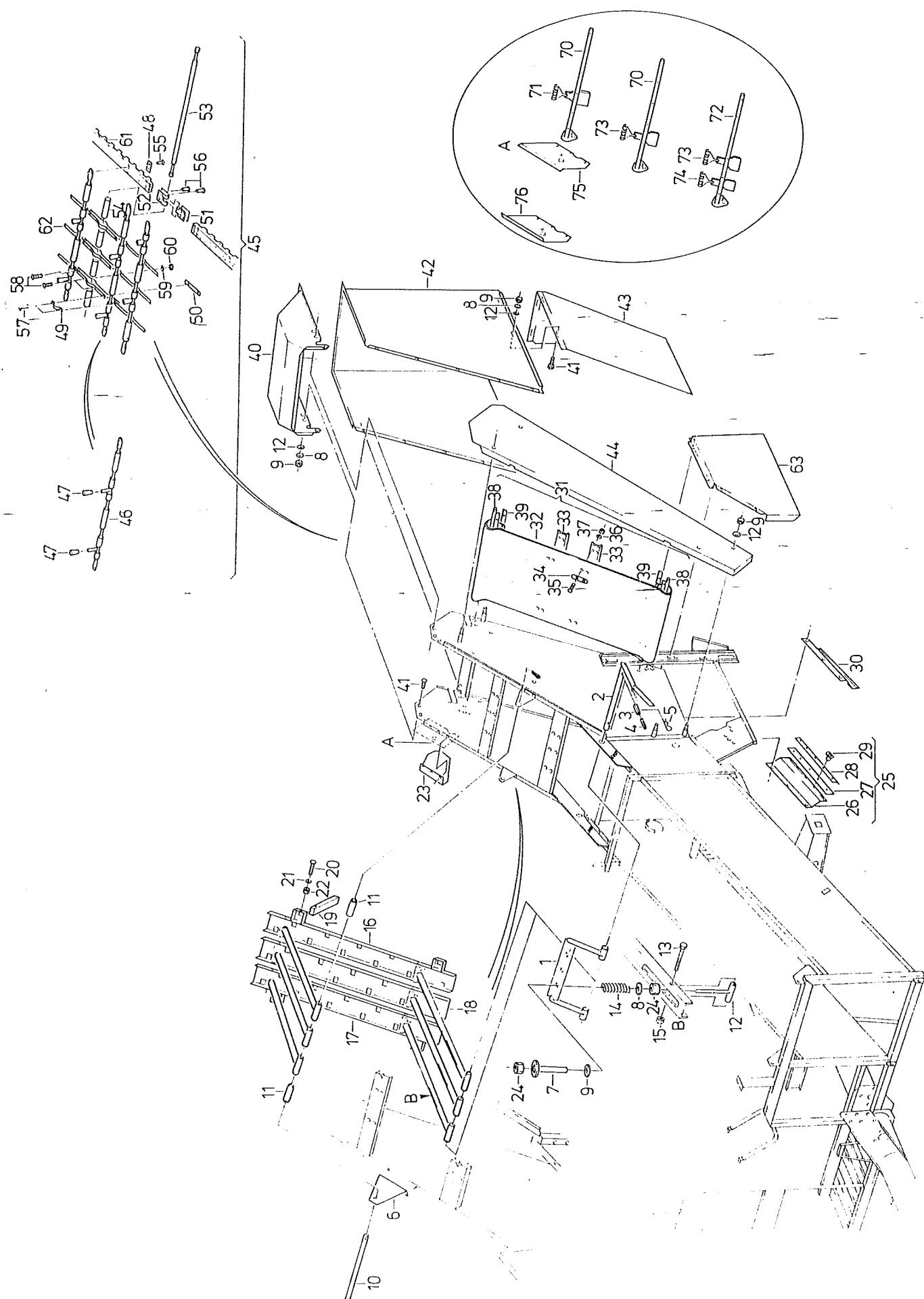
Drawing 6.1 Haulm web; frame and drive

1033

Item No.	Part-Number	Description	Remarks
66	A16 DIN 71802	Angle joint	
67	M10x75 DIN 931	Hexagon head screw	
68	411.51.120.00	Retainer assy. (comprising items 69, 70, 22)	
69	411.51.121.00	Retainer	
70	141.51.169.00	Locking bale	
71	411.51.000.13	Supporting bracket-plate	
72	115.58.145.00	Bearing eye	
73	6203-2RS DIN 625	Ball bearing	
74	I40x1.75 DIN 472	Retaining ring	
75	A17x1 DIN 471	Retaining ring	
76	000.50.000.05	Clamping block	
77	M10x85 DIN 603	Truss head screw	
78	000.62.000.03	Distance tube	
79	410.30.130.00	Scraping finger carrier	
80	410.30.000.14	Scraping finger	
81	410.30.000.15	Upper cross connecting rod	
82	410.30.000.16	Gusset plate, l/h side	
83	410.30.000.17	Gusset plate, r/h side	
84	M10x20 DIN 603	Truss head screw	
85	141.51.000.18	Stripper	
86	411.51.000.24	Supporting rod	
87	M8x25 DIN 603	Truss head screw	
88	A8 DIN 127	Spring ring	
89	M8 DIN 555	Hexagon nut	
90	140.51.195.00	Vibrator arm	
91	A8x7x20 DIN 6885	Adjusting spring	
92	M8x10 DIN 916	Threaded stud	
93	410.30.000.06	Distance tube	
94	M10x130 DIN 603	Truss head screw	
95	411.51.000.06	Distance tube	
96	402.58.125.00	Carrying arm	
97	W 1032	SPACER STRIP (45mm & 50mm PITCH WEB ONLY)	

Drawing 6.2 Haulm web, chain and accessories

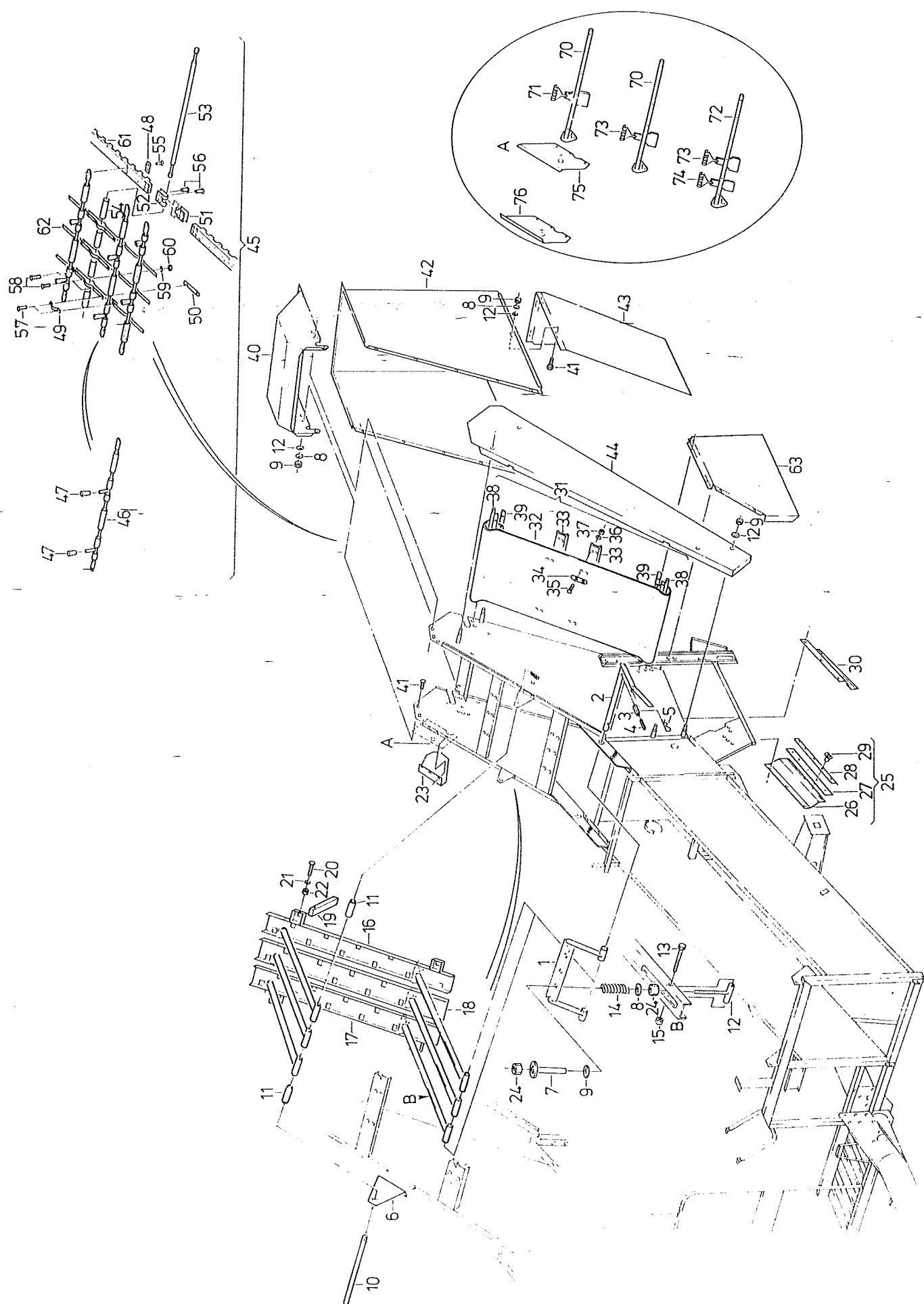
Planche 6.2 Tapis effaneur, chaîne et accessoires



Item No.	Part-Number	Description	Remarks
1	411.51.171.00	Transverse beam	
2	411.51.172.00	Adjusting axle	
3	10 x 55 DIN 1481	Expansion Pin	
4	6 x 55 DIN 1481	Expansion Pin	
5	Ø 4, Form B	Spring plug	
6	411.51.170.01	Connecting bracket	
7	411.51.174.00	Spacer tube	
8	13 DIN 921	Disc	
9	450.51.170.06	Rubber washer	
10	411.51.170.02	Axle	
11	411.51.170.03	Distance tube	
12	411.51.173.00	Adj. Spindle	
13	M10x65 DIN 931	Hexagon head screw	
14	000.71.000	Pressure spring	
15	M10 DIN 982	Self-locking hexagon nut	
16	411.51.175.00	Haulm retainer frame, left side	
17	411.51.185.00	Haulm retainer frame, right side	
18	411.51.180.00	Haulm retainer frame, centre	
19	410.30.190.01	Rubber retainer	
20	M8x60 DIN 931	Hexagon head screw	
21	8.4 DIN 9021	Disc	
22	M8 DIN 982	Self-locking hexagon nut	
23	410.30.000.10	Guard hood	
24	M12 DIN 555	Hexagon nut	
25	410.30.150.00	Cover plate unit, r/h side (comprising items 26-29)	
26	410.30.151.00	Cover plate, r/h side	
27	410.30.150.01	Rubber	
28	410.30.150.02	Clamping strip	
29	304055	Pop-dummy rivet	
30	410.30.160.00	Cover plate unit, l/h side (comprising items 27,28,29)	
31	410.30.100.00	Rubber tailboard unit (comprising items 32-39)	
32	410.30.100.01	Rubber tailboard	
33	410.30.100.02	Stiffening plate	

Drawing 6.2 Haulm web, chain and accessories

Planche 6.2 Tapis effaneur, chaîne et accessoires



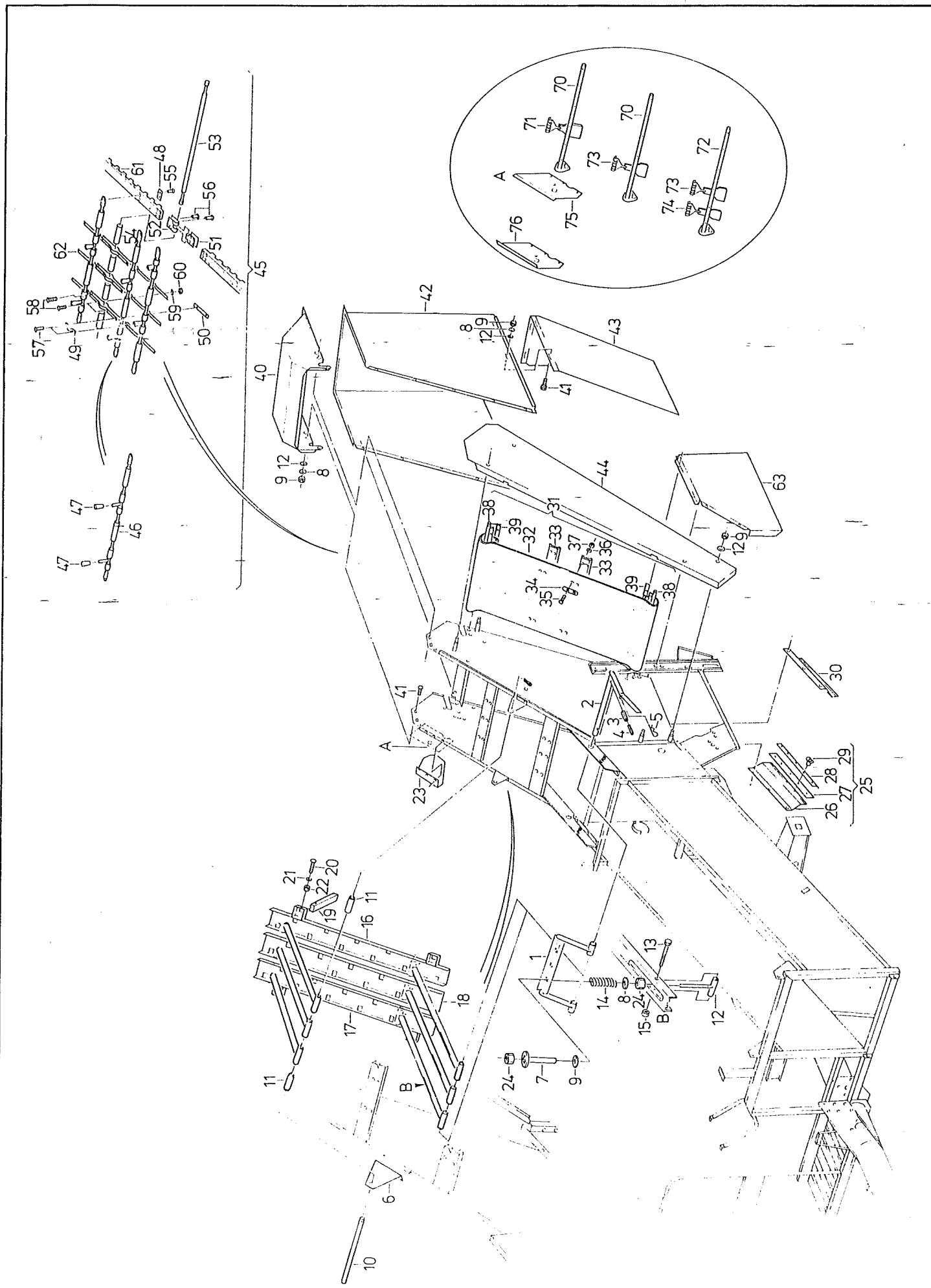
Drawing 6.2 Haulm web, chain and accessories

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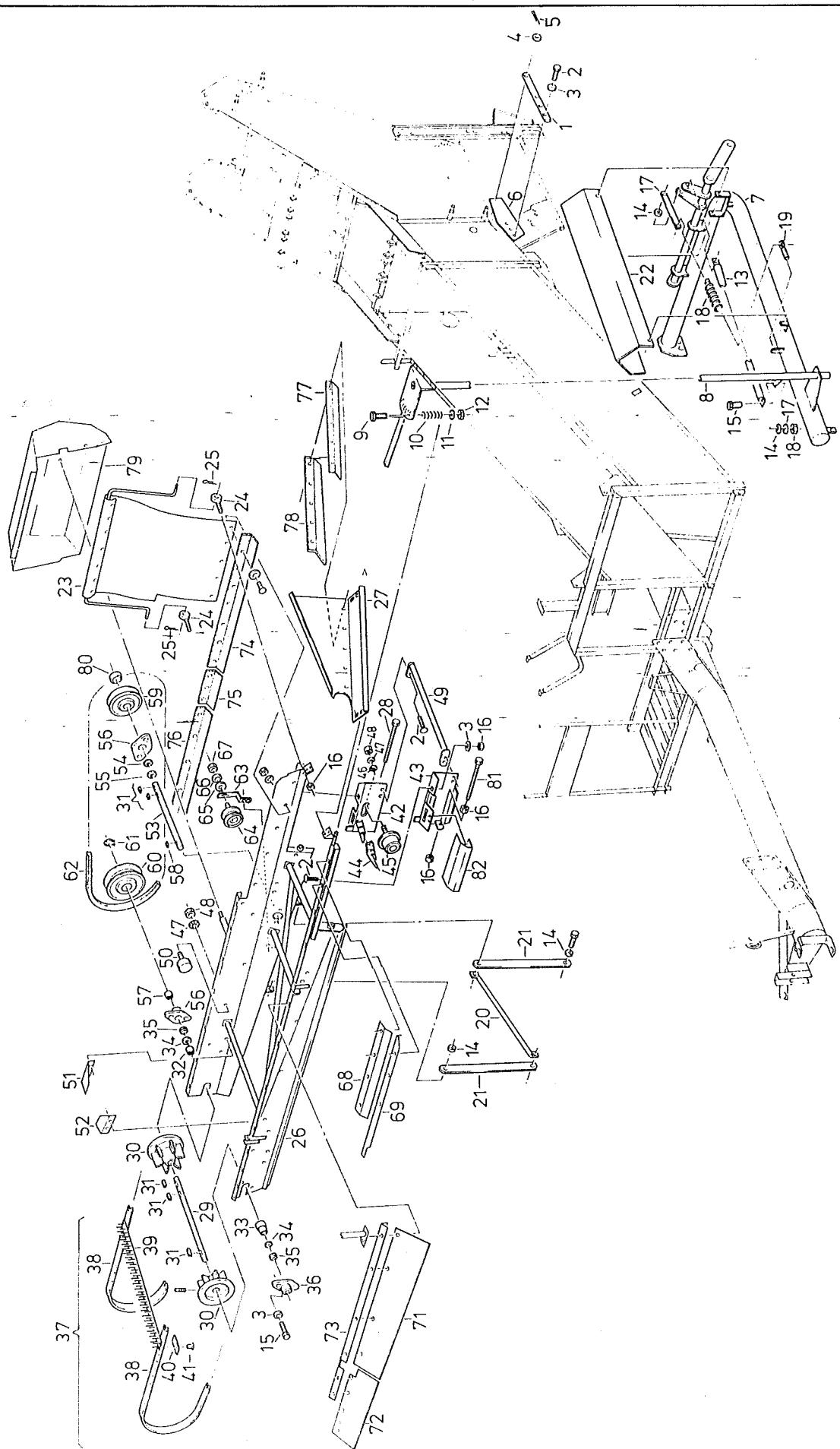
Item No.	Part-Number	Description	Remarks
34	141.51.260.04	Packing plate	
35	M8x20 DIN 603	Truss head screw	
36	A8 DIN 127	Spring ring	
37	M8 DIN 555	Hexagon nut	
38	410.30.101.00	Retaining strip	
39	141.51.260.03	Clamping strip	
40	411.51.210.00	Covering hood	
41	M10x20 DIN 603	Truss head screw	
42.1	411.51.215.00	Discharge hood	
42.2	411.51.216.00	Discharge hood (for Australia only)	
43	411.51.220.00	Guide chute	
44	411.51.200.00	Guard hood	
45	141.51.230.00	Haulm web assy. (comprising items 46-60, 61.2, 62.2), 33 rods, 750 mm	Until 1983 incl.
45	411.51.230.00	Haulm web assy. (comprising items 46-61.1, 62.1), 28 rods, 750 mm	From 1984 incl.
46	140.51.233.00	Haulm web rod, complete with rubber plug	
47	6124-4	Rubber plug	
48	000.05.001.02	Sieving chain shackle	
49	411.51.230.04	Clip	
50	6121-2	Shackle	
51	000.05.001.07	Belt lock half, male	
52	000.05.001.08	Belt lock half, female	
53	000.05.002.06	Connecting rod	
54	450.51.230.02	Padded hose	
55	5x24 DIN 661	Countersunk rivet	
56	5x22 DIN 661	Countersunk rivet	
57	4x18 DIN 661	Countersunk rivet	
58	M5x20 DIN 603	Truss head screw	
59	5.3 DIN 9021	Disc	
60	M5 DIN 555	Hexagon nut	

Drawing 6.2 Haulm web, chain and accessories

Planche 6.2 Tapis effaneur, chaîne et accessoires



Item No.	Part-Number	Description	Remarks
1	411.58.000.01	Fishplate	
2	M10x25 DIN 603	Truss head screw	
3	A10 DIN 127	Spring ring	
4	17 DIN 125	Disc	
5	5x25 DIN 94	Split pin	
6	411.58.000.02	Locking plate	
7	401.58.120.00	Mounting bracket	
8	401.58.130.00	Adjusting lever unit	
9	M10x90 DIN 933	Hexagon head screw	
10	090.33.000.04	Pressure spring	
11	10.5 DIN 9021	Disc	
12	M10 DIN 982	Self-locking hexagon nut	
13	401.58.000.04	Pull rod	
14	000.68.000.05	Hinged bush	
15	M10x30 DIN 931	Hexagon head screw	
16	M10 DIN 555	Hexagon nut	
17	401.58.000.05	Spring shackle	
18	000.76.000.01	Tension spring	
19	401.58.000.09	Eyebolt M10 x 100 mm	
20	402.58.000.11	Diagonal strut	
21	401.58.000.06	Shackle	
22	401.58.000.08	Cover plate	
23	411.58.150.00	Rubber beading	
24	411.58.000.03	Eyebolt M10 x 40 mm	
25	Ø 3x20 DIN 94	Split pin	
26	402.58.011.00	Transverse belt frame	
27	401.58.010.05	Side panel	
28	112.63.040.00	Tension Bolt	
29	402.58.010.01	Drive shaft	
30	402.58.010.02	Drive wheel	
31	A8x7x22 DIN 6885	Adjusting spring	
32	402.58.010.03	Distance tube	
33	402.58.010.04	Distance tube	
34	32x45x0.25	Shim	
35	000.85.000.18	Felt ring	
36	112.63.010.08	Flanged bearing	

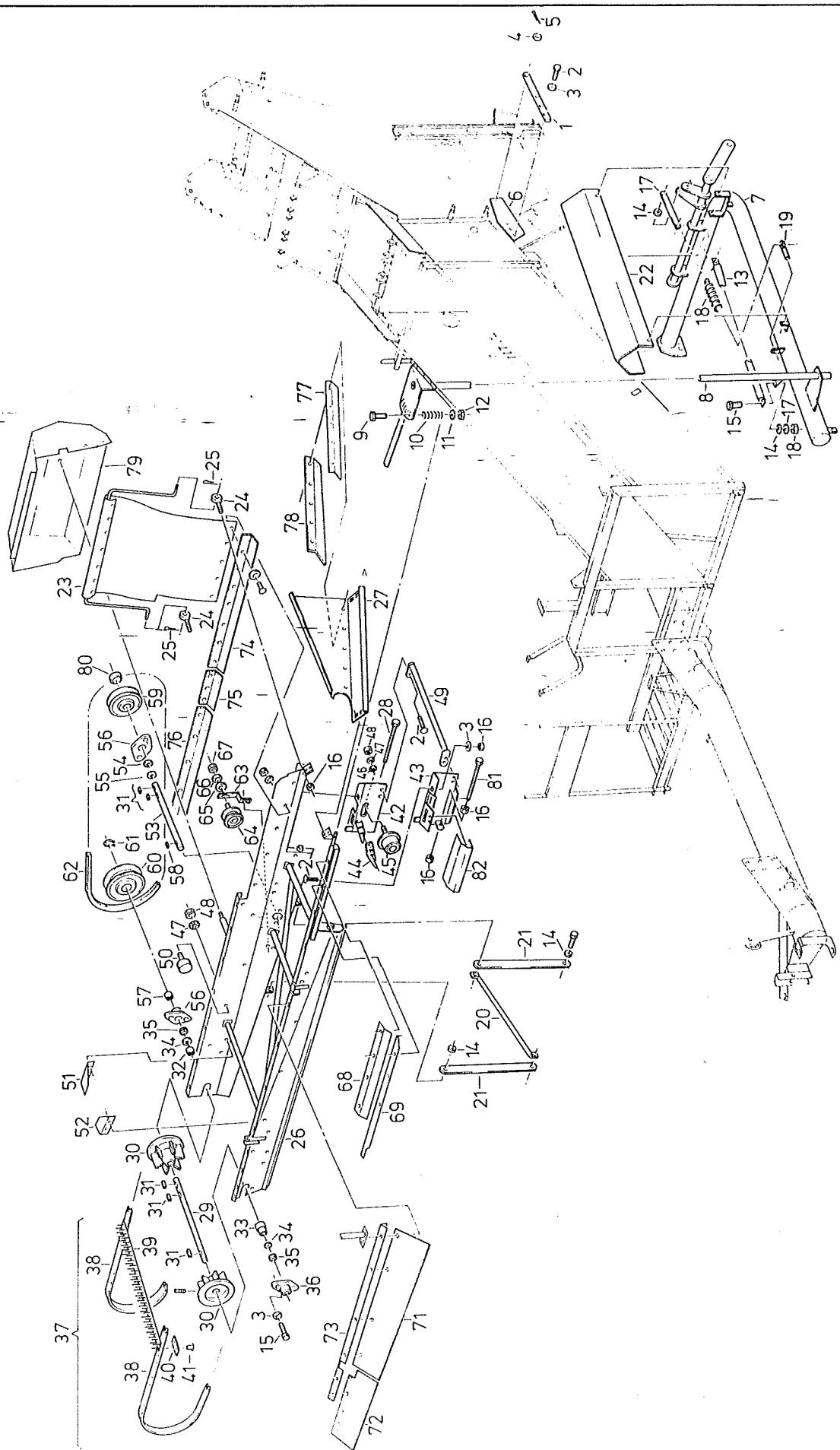


Drawing 7 Separating belt (Transverse web)

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Item No.	Part-Number	Description	Remarks
37	400.08.020.00	Transverse web, 78 rods, 610 mm	Until 1984 incl.
37	402.58.020.00	Transverse web, 96 rods, 619 mm	From 1985 incl.
38	402.58.020.01	Transverse belt	
39	170.60.100.02	Transverse belt rod	
40	000.09.00.01	Fishplate	
41	DIN 661 5-x	Countersunk rivet	
42	420.58.065.00	Rear roller carrier	From 1986 incl.
43	401.58.055.00	Front roller carrier	From 1986 incl.
44	402.58.050.01	Stripper rubber	From 1985 incl.
45	000.03.025.00	Carrying roller unit	
46	22 DIN 125	Disc	
47	A21 DIN 6797	Toothed disc	
48	M 20 DIN 936	Hexagon nut	
49	402.58.070.00	Transverse, Conn.	
50	000.03.016.00	Rubber coated supporting roll	
51	400.08.000.17	Stripper, l/h side	
52	400.08.000.18	Stripper, r/h side	
53	401.58.010.02	Countershaft	
54	000.85.000.18	Felt ring	
55	32x52x0.5 DIN 988	Adjusting disc	
56	FLCTE 25 FAFNIR	Flanged bearing	
57	000.62.000.01	Distance tube	
58	A8x7x32 DIN 6885	Adjusting spring	
59	400.08.000.04	V-belt pulley	
60	000.85.000.15	V-belt pulley	
61	A 25 DIN 471	Retaining ring	
62	20x2360 DIN 2215	V-belt	
63	401.58.010.03	Tension roller carrier	
64	SR-302 UK 100	Tension roller	
65	13 DIN 9021	Disc	

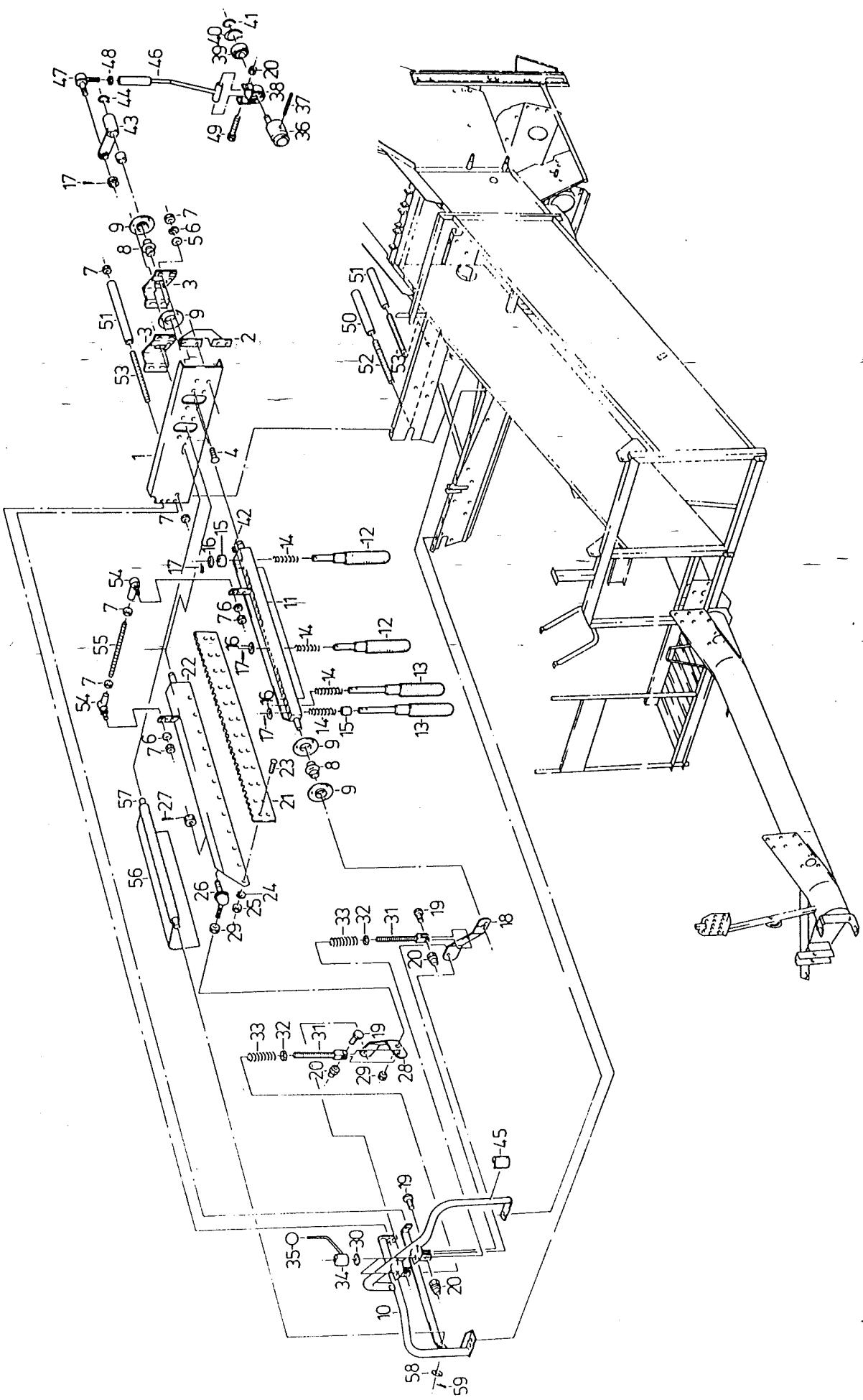


Drawing 7 Separating belt (Transverse web)

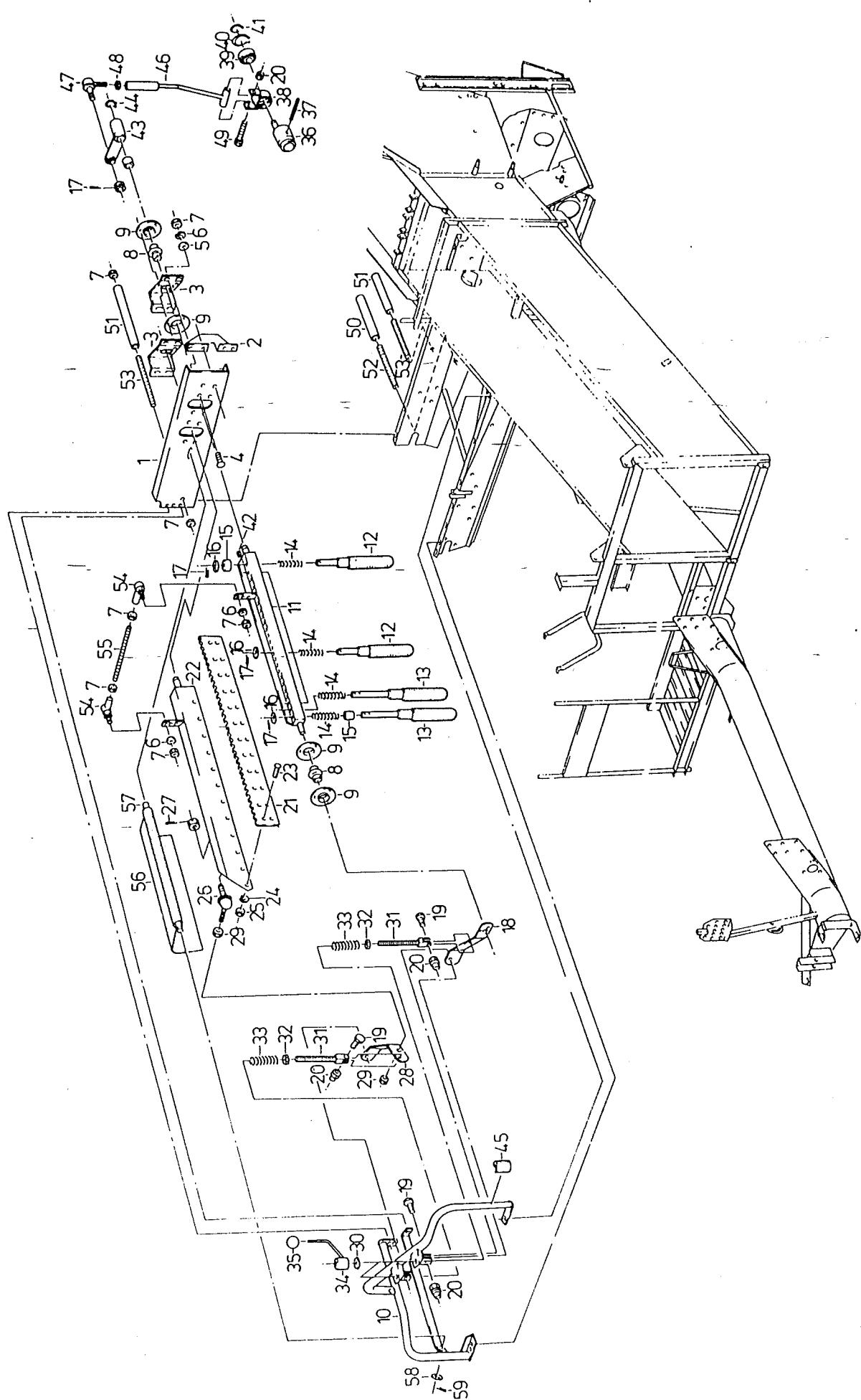
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Item No.	Part-Number	Description	Remarks
66	A12 DIN 127	Spring ring	
67	M12 DIN 555	Hexagon nut	
68	400.08.000.20	Guide plate	
69	402.58.010.07	Cover plate, l/h side	
70	400.08.000.11	Edge stiffening plate	
71	400.08.000.10	Rubber bridge	
72	402.58.010.09	Rubber bridge	
73	402.58.010.08	Cover plate, r/h side	
74	402.58.010.11	Shaped cover strip, left	
75	402.58.010.12	Shaped cover strip, centre	
76	402.58.010.13	Shaped cover strip, right	
77	400.08.000.15	Thrust block	
78	400.08.000.12	Shaped cover strip	
79	402.59.050.00	Guard hood	
80	111.60.010.01	Distance tube	
81	M10x150 DIN 933	- Hexagon head screw	
82	402.58.010.15	Cover Plate	
83	M8x16 DIN 6912	Hex. Allen Screw	



Item No.	Part-Number	Description	Remarks
1	402.59.000.01	Attachable metal panel	
2	402.59.000.06	Stiffening angle plate	
3	402.59.000.02	Bearing flange	
4	M10x20 DIN 603	Truss head screw	
5	10.5 DIN 125	Disc	
6	A10 DIN 127	Spring ring	
7	M10 DIN 555	Hexagon nut	
8	400.09.000.01	Adjusting bearing	
9	EAFNIR RA 20	Flange casing	
10	402.59.010.00	Carrying frame	
11	402.59.021.00	Pendulum axle shaft	
12	170.60.130.00	Pendulum comb finger	
13	400.09.017.00	Pendulum comb finger, long type	
14	170.60.000.06	Pressure spring	
15	400.09.015.02	Distance bush	
16	13 DIN 125	Disc	
17	4x22 DIN 94	Split pin	
18	402.59.000.03	Adjustment flange	
19	M10x30 DIN 931	Hexagon head screw	
20	M 10 DIN 982	Self-locking hexagon nut	
21	402.59.030.01	Pendulum rubber plate	
22	402.59.031.00	Rubber bearer	
23	M8x30 DIN 603	Truss head screw	
24	A 8 DIN 127	Spring ring	
25	M 8 DIN 555	Hexagon nut	
26	7542-8 AH31-1 25 x 25	Ball pivot with threaded shaft	
27	4 x 22 DIN 94	Split pin	
28	402.59.000.07	Adjustment flange	
29	M18x1.5 DIN 934	Hexagon nut	
30	19 DIN 125	Disc	
31	402.59.045.00	Adjusting spindle	
32	M 16 DIN 555	Hexagon nut	
33	121.70.020.02	Pressure spring	
34	121.70.025.00	Knurled nut	
35	Ø30, M10 DIN 319	Ball head	
36	402. 59.060.00	Crank	
37	8x50 DIN 1481	Clamping sleeve	

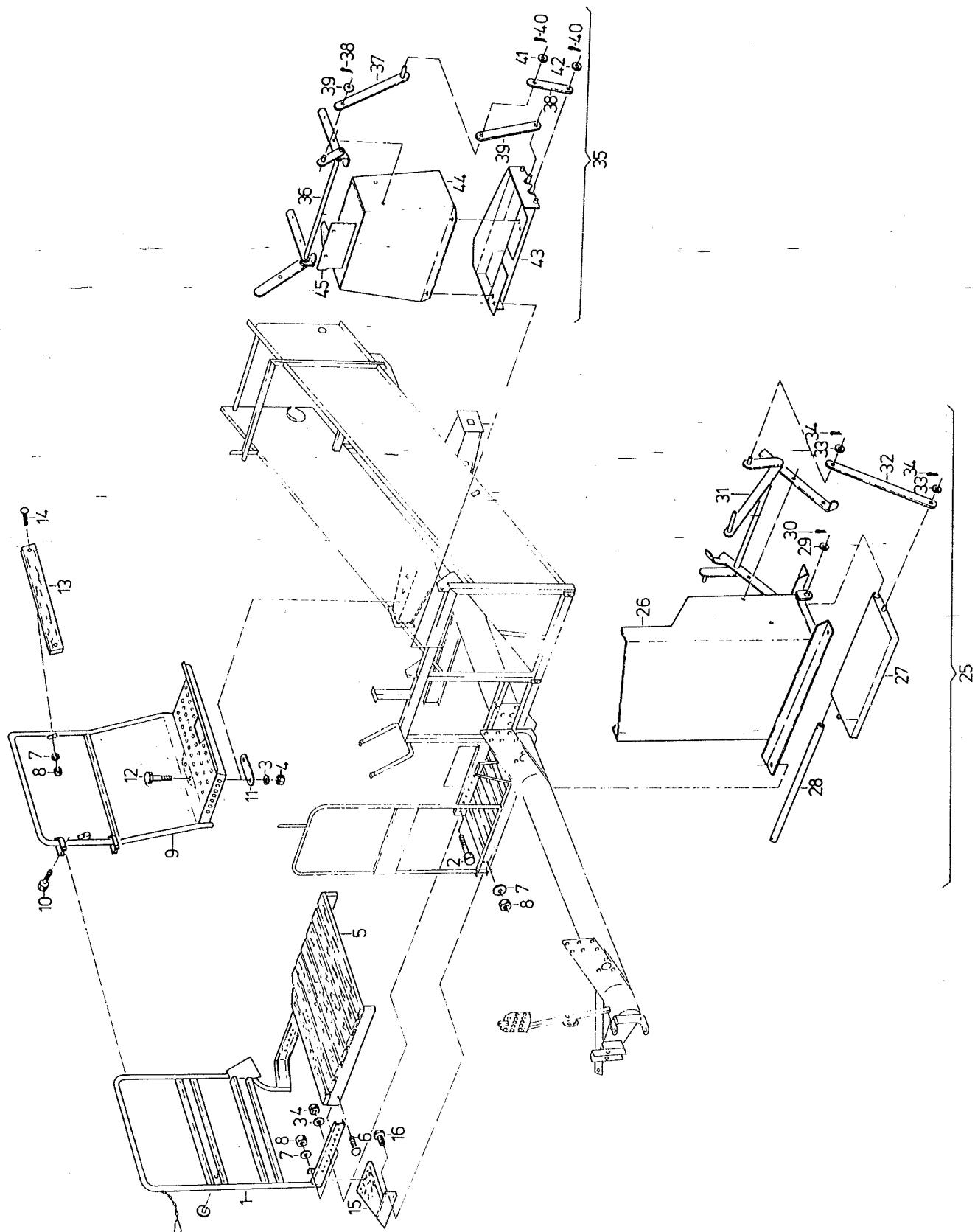


Drawing 8 Pendulum comb with drive

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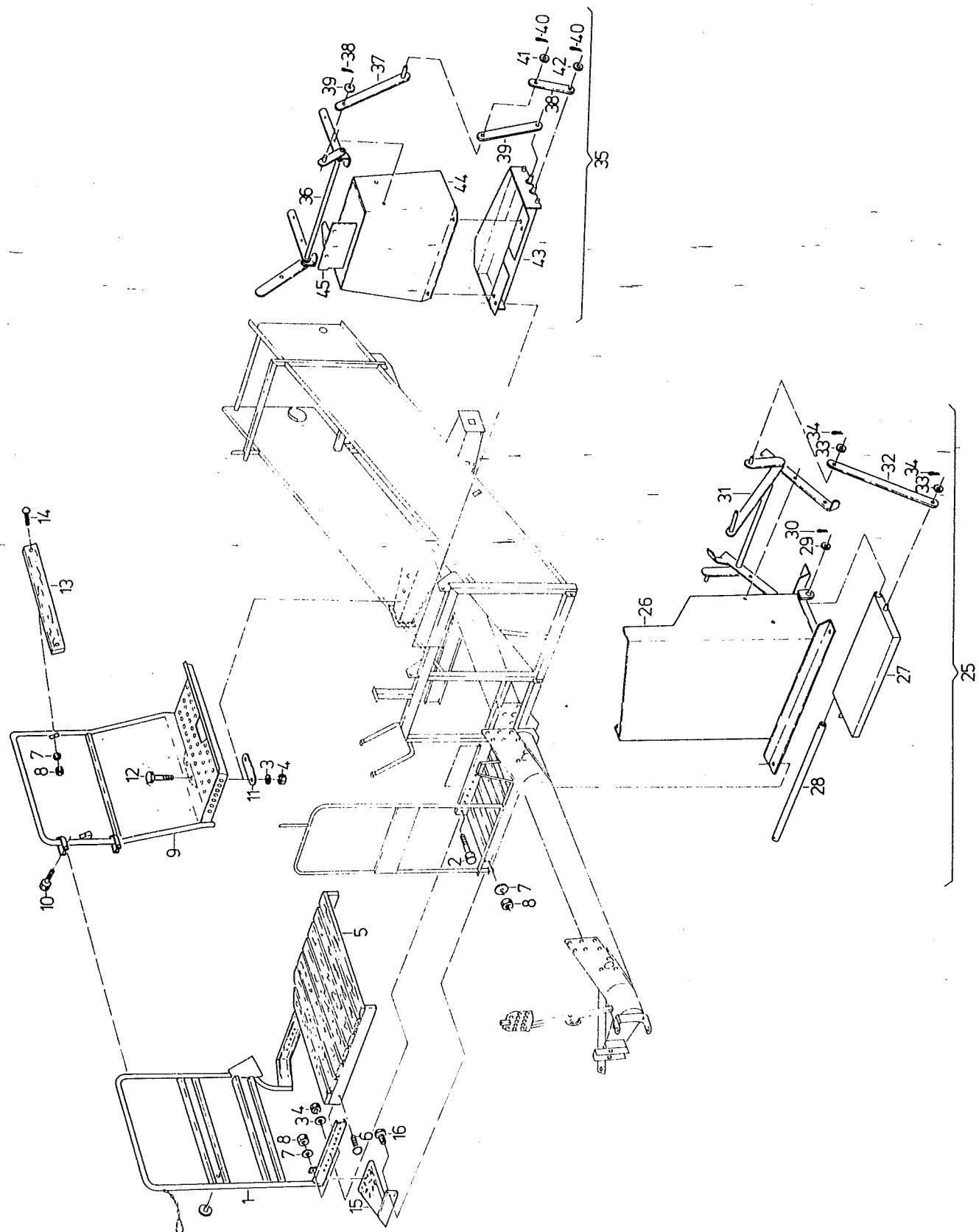
Item No.	Part-Number	Description	Remarks
38	402.59.000.08	Bearing eye	
39	6203-2RS DIN 625	Ball bearing	
40	J 40 DIN 472	Retaining ring	
41	A 17 DIN471	Retaining ring	
42	A8x7x32 DIN 6885	Adjusting spring	
43	401.59.030.00	Lifting lever	
44	A 28 DIN 471	Retaining ring	
45	402.59.010.09	Plastic hose	
46	400.08.040.00	Push rod	
47	7542-8 AH31-1 25 x 25	Ball pivot with threaded shaft	
48	AM 18x1.5 DIN 936	Flat type hexagon nut	
49	M10x75 DIN 931	Hexagon head screw	
50	401.59.000.08	Distance tube	
51	401.59.000.09	Distance tube	
52	401.59.000.10	Threaded rod	
53	401.59.000.11	Threaded rod	
54	A16 DIN 71802	Angle joint	
55	402.59.000.04	Threaded rod	
56	402.59.070.00	Protective rubber ring	
57	402.59.000.05	Carrying tube	
58	18 DIN 126	Disc	
59	Ø 4x30 DIN 94	Split pin	



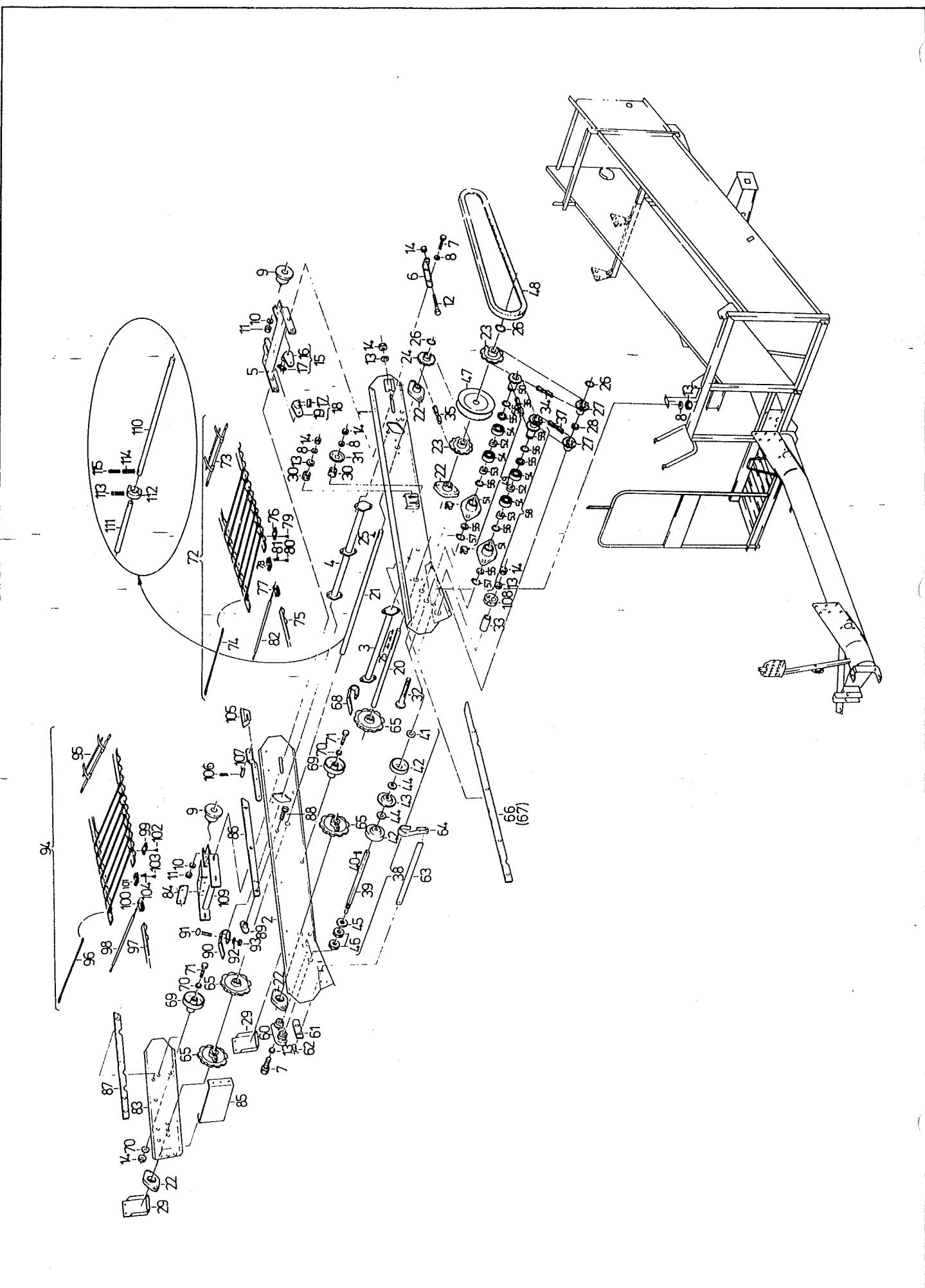
Item No.	Part-Number	Description	Remarks
1	402.94.010.00	Front sorting platform frame	
2	M10x20 DIN 603	Hexagon head screw	
3	A 10 DIN 127	Spring ring	
4	M 10 DIN 555	Hexagon nut	
5.1	402.94.020.00	Platform grate	(only for machine types with stone collecting boxes fitted to the sorting belt)
5.2	402.94.025.00	Platform grate	
6	M8x50 DIN 603	Truss head screw	
7	A8 DIN 127	Spring ring	
8	M8 DIN 555	Hexagon nut	
9.1	402.94.100.00	Rear sorting platform	(only for machine types with stone collecting boxes fitted to the sorting belt)
9.2	402.94.110.00	Rear sorting platform	
10.	M8x45 DIN 931	Hexagon head screw	
11	401.94.000.10	Clamping strip	
12	M10x90 DIN 931	Hexagon head screw	
13	402.94.000.13	Supporting panel	
14	M8x45 DIN 603	Truss head screw	
15	401.94.050.00	Additional foot rest panel	
16	M8x20 DIN 603	Truss head screw	

SPECIAL ACCESSORIES

25	401.96.000.00	Stone collecting box assy. for sorting belt (comprising items 26-34)
26	401.96.010.00	Collecting box
27	401.96.020.00	Hinged trap
28	401.96.000.01	Hinged rod
29	27 DIN 125	Disc
30	Ø5x36 DIN 94	Split pin
31	401.96.030.00	Lever shaft
32	401.96.000.02	Fishplate
33	17 DIN 125	Disc
34	Ø5 x 28 DIN 94	Split pin
35	401.97.000.00	Stone collecting box assy. for impurity belt (comprising items 34-45)



Item No.	Part-Number	Description	Remarks
36	401.97.030.00	Lever shaft	
37	401.97.040.00	Hoisting arm	
38	401.97.000.03	Hoisting arm (325 mm long)	
39	401.97.000.04	Hoisting arm (288 mm long)	
40	Ø4x35 DIN 94	Split pin	
— 41	17 DIN 125	-Disc	—
42	19 DIN 125	Disc	
43	401.97.010.00	Trap carrier	
44	401.97.020.00	Collecting box	
45	401.97.000.01	Front wall extension	

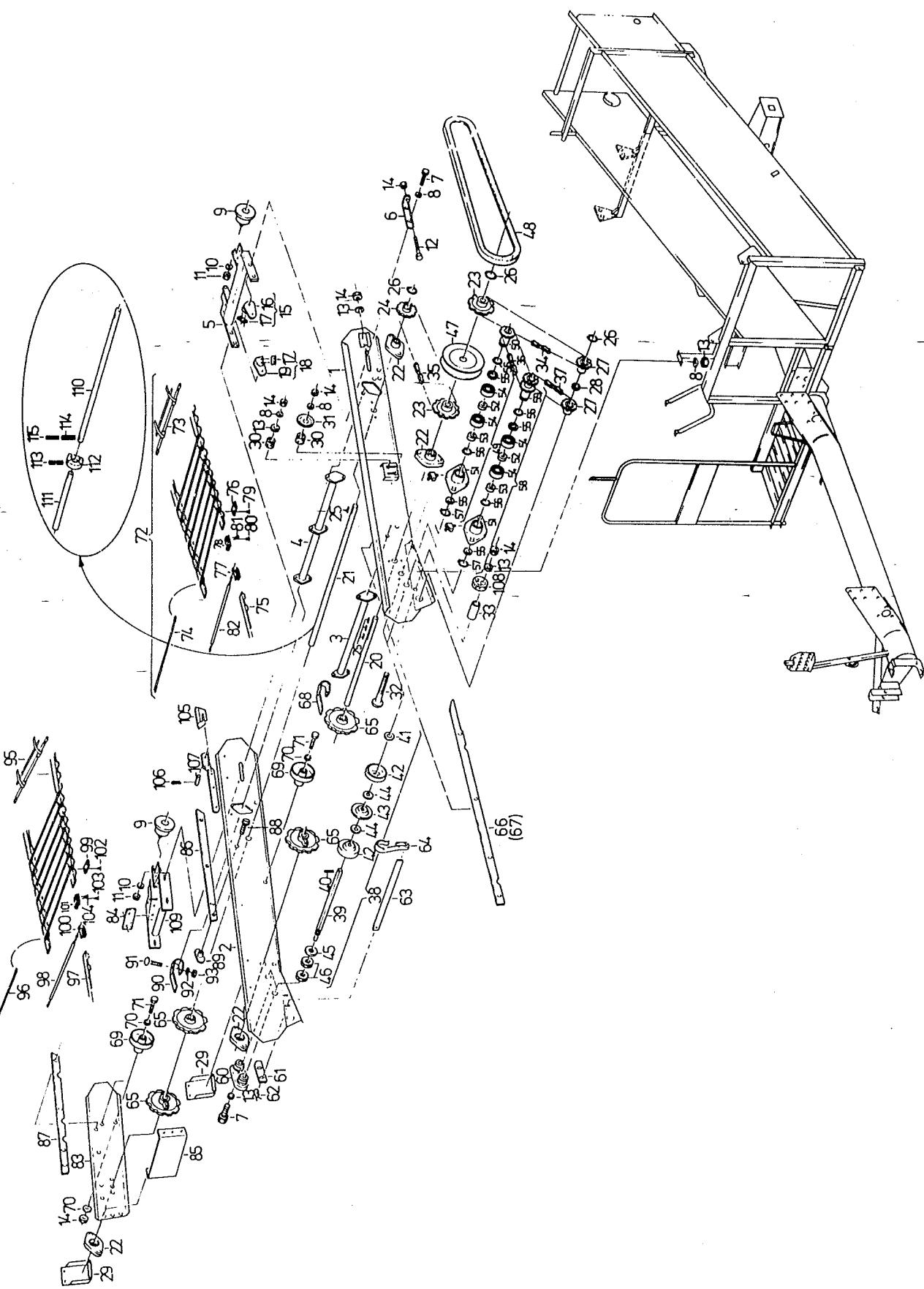


Drawing 10 Sorting belt with grading rollers and
 impurity web with rubber strap chain

1011

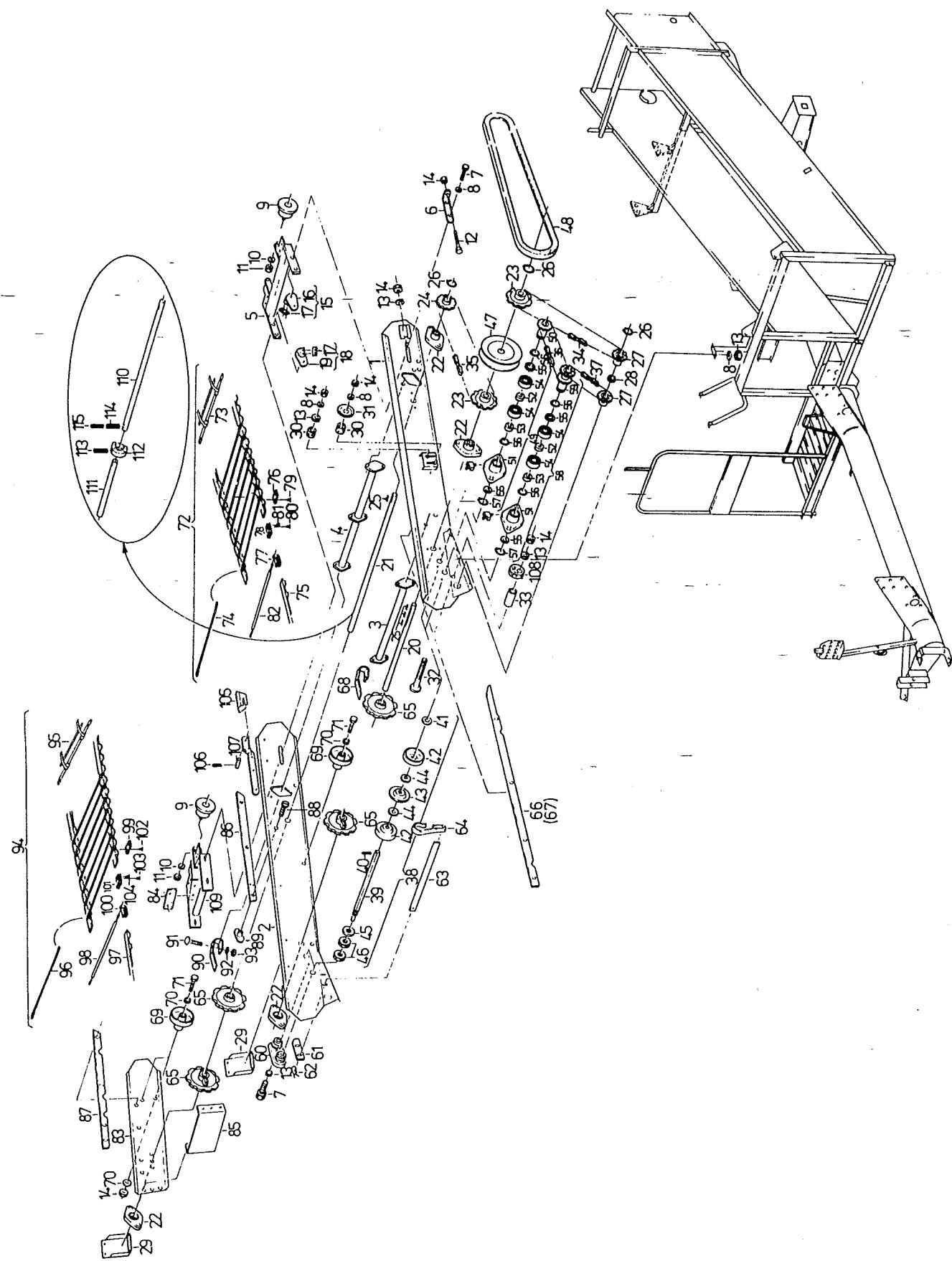
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Item No.	Part-Number	Description	Remarks
1	401.63.011.00	Sorting belt cross member, left-hand side	
2	401.63.012.00	Sorting belt cross member, right-hand side	
3	400.12.013.00	Cross connecting rod	
4	401.63.014.00	Cross connecting rod	
5	400.12.030.00	Sorting belt tensioning frame	
6	112.63.010.01	Shiftable turnbuckle	
7	M10x20 DIN 933	Hexagon head screw	
8	A 10 DIN 127	Spring ring	
9	000.03.001.00	Separating belt roller unit	
10	A 21 DIN 6797	Toothed disc	
11	M 20 DIN 936	Flat type hexagon nut	
12	112.63.050.00	Clamping bolt	
13	10.5 DIN 9021	Disc	
14	M 10 DIN 555	Hexagon nut	
15	000.50.020.00	Stripper unit (comprising items 16 and 17)	
16	000.50.020.01	Stripper	
17	000.50.010.02	Stripper rubber	
18	000.50.010.00	Stripper unit (comprising items 19 and 17)	
19	000.50.010.01	Stripper	
20	400.12.000.01	Sorting belt shaft	
21	401.63.000.02	Coupling shaft	From 1985 incl.
22	112.63.010.08	Flange bearing	
23	090.63.040.00	Chain sprocket, 1/2", 25 teeth	
24	000.56.009.00	Chain sprocket, 1/2", 32 teeth	
25	A8x7x22 DIN 6885	Adjusting spring	
26	A 25 DIN 471	Retaining ring	
27	090.63.000.23	Chain sprocket, 1/2", 15 teeth	
28	000.62.000.01	Distance tube	
30	000.50.000.05	Tensioning block	
31	000.50.000.15	Flanged-coupling pulley	
32	M10x140 DIN 603	Truss head screw	
33	400.12.000.19	Distance tube	



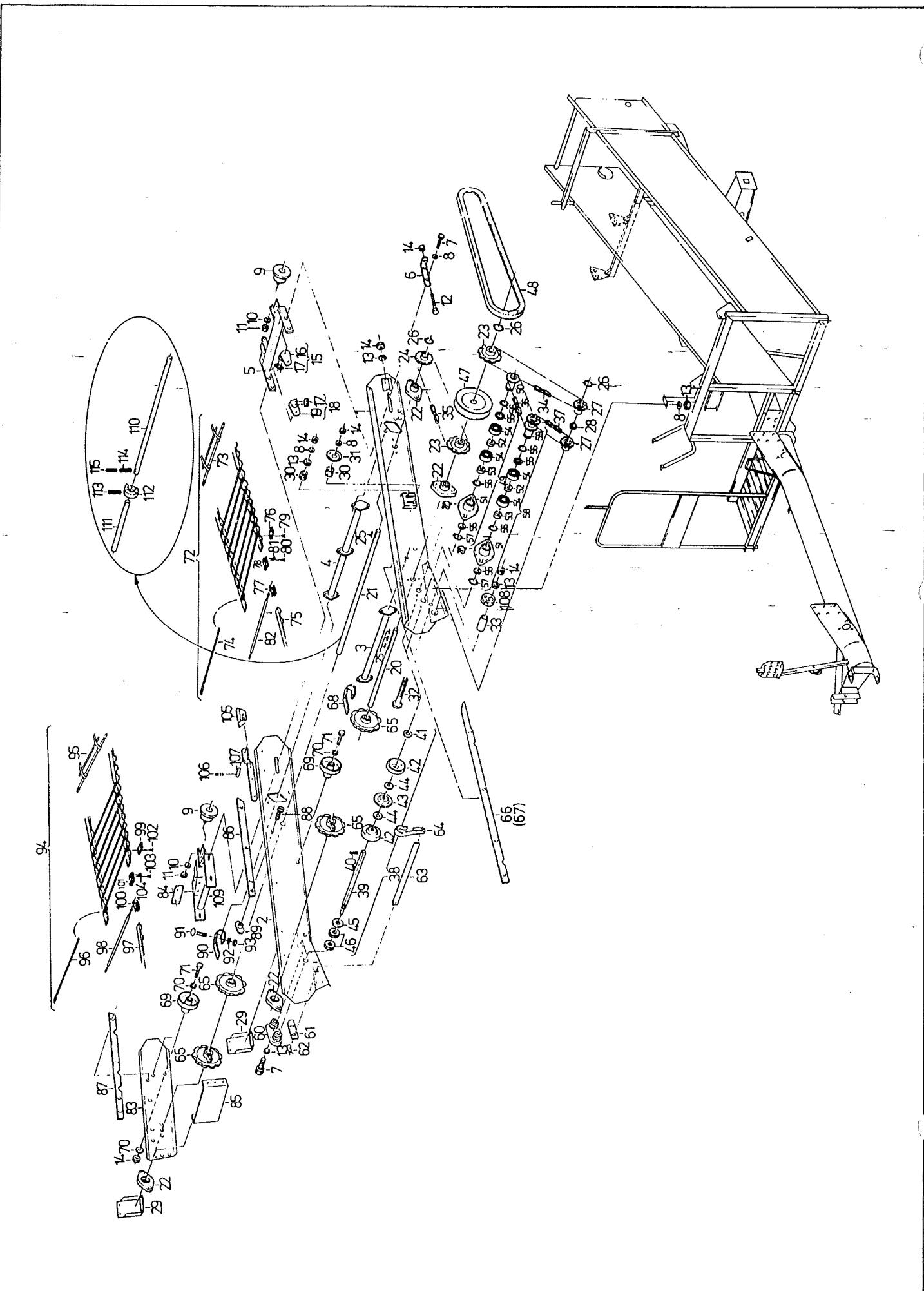
Drawing 10	Sorting belt with grading rollers and impurity web with rubber strap chain	1011
		1033

Item No.	Part-Number	Description	Remarks
34	1/2x5/16", 75 rollers	Roller chain	
35	1/2x5/16", 238 rollers	Roller chain	
36	1/2x5/16", 31 rollers	Roller chain	
37	1/2x5/16", 37 rollers	Roller chain	
38.1	400.12.060.00	Grading roller unit, 26.5 mm spacing	
38.2	400.12.061.00	Grading roller unit, 31.5 mm spacing	
38.3	400.12.062.00	Grading roller unit, 36.5 mm spacing	
38.4	400.12.063.00	Grading roller unit, 41.5 mm spacing	
39	400.12.060.01	Grading roller shaft	
40	6 x 40 DIN 1481	Clamping sleeve	
41	23 DIN 125	Disc	
42	000.10.002.05	Cranked sorting roller pulley	
43	000.10.002.01	Straight sorting roller pulley	
44	000.10.002.03	Distance tube	
45	PS 22 x 30 x 1	Circlip adjusting ring	
46	M 20 DIN 936	Disc (DIN 936 M 20)	
47.1	400.12.050.00	V-belt pulley, 240 mm in dia.	
47.2	400.12.050.00	V-belt pulley, 305 mm in dia.	
48.1	SPB 17 x 4385	V-belt	
48.2	17 x 4325	V-belt	
48.3	17 x 4425	V-belt	(305 mm in diameter)
49	000.10.008.00	Plug-in bearing unit (comprising items 50-57)	
50	000.10.008.02	Inserting shaft	
51	000.10.00.05	Bearing casing	
52	090.54.020.02	Distance tube	
53	000.10.001.07	Distance tube	
54	16006 DIN 625	Ball bearing	
55	16006 JV	Nilos-ring	
56	J 55 DIN 472	Retaining ring	
57	A 30 DIN 471	Retaining ring	
58	000.10.001.00	Plug-in bearing unit (comprising items 51-57 and 59)	
59	000.10.001.02	Inserting shaft	
60	000.10.004. 02	Bearing flange	



Drawing 10 Sorting belt with grading rollers and 1011
 impurity web with rubber strap chain 1033

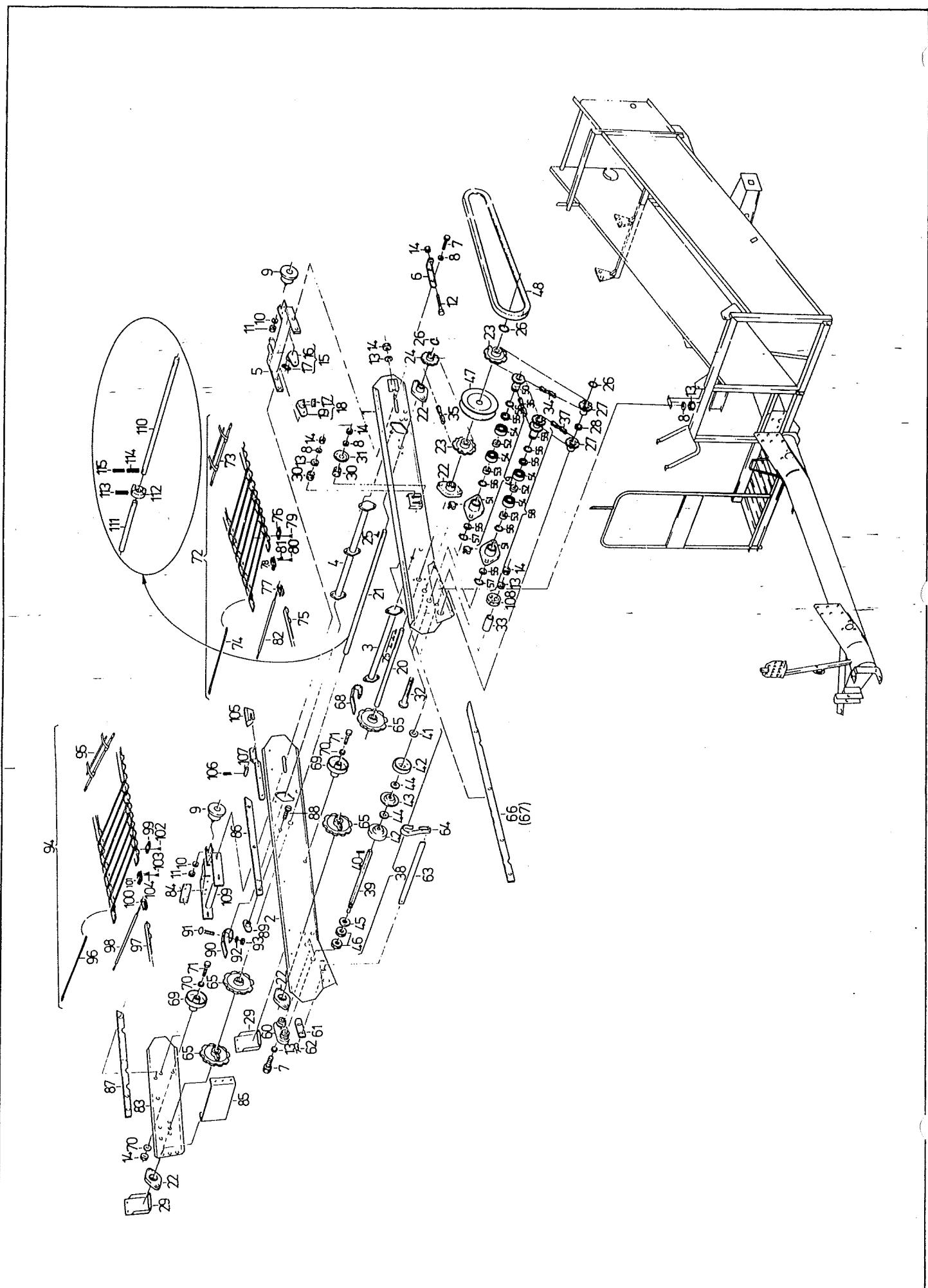
Item No.	Part-Number	Description	Remarks
61	115.67.010.03	Fixing plate	
62	000.50.200.03	Spring pin, 4 mm in dia.	
63	400.12.000.15	Stripper carrier	
64	000.10.002.07	Stripper spring	
65	001.10.010.00	Chain sprocket, 12 teeth	
66	400.63.500.10	Guard strip, l/h side (1935 mm long)	
67	400.63.500.11	Guard strip, r/h side (1935 mm long)	
68	400.63.500.08	Bracket	
69	000.10.000.05	Carrying roller	
70	10.5 DIN 9021	Disc	
71	M10x60 DIN 931	Hexagon head screw	
72	400.63.510.00 (W1024)	Sorting chain unit, 550 mm, 148 rods (comprising items 73-82)	(HIGH & LOW BAR VERSION W1024A)
73	400.63.511.00	Stone trap unit	
74	000.05.009.01	Sorting chain rod	
75	400.63.510.01	Sorting web strap	
76	000.05.003.02	Sorting chain fishplate	
77	000.05.003.03	Lock half, male	
78	000.05.003.04	Lock half, female	
79	4 x 19 DIN 661	Countersunk rivet	
80	4 x 22 DIN 661	Countersunk rivet	
81	4 x 26 DIN 661	Countersunk rivet	
82	000.05.009.02	Connecting rod	
83	402.56.010.00	Impurity web cross member	
84	100.29.011.05	Deflector rubber	
85	402.56.000.01	Front board	
86.1	402.56.200.03	Guard strip, l/h side (615 mm long)	
87.1	401.63.800.04	Guard strip, r/h side (615 mm long)	
86.2	401.56.500.10	Guard strip, l/h side (1285 mm long)	
87.2	401.56.500.11	Guard strip, r/h side (1285 mm long)	



Drawing 10 Sorting belt with grading rollers and
impurity web with rubber strap chain

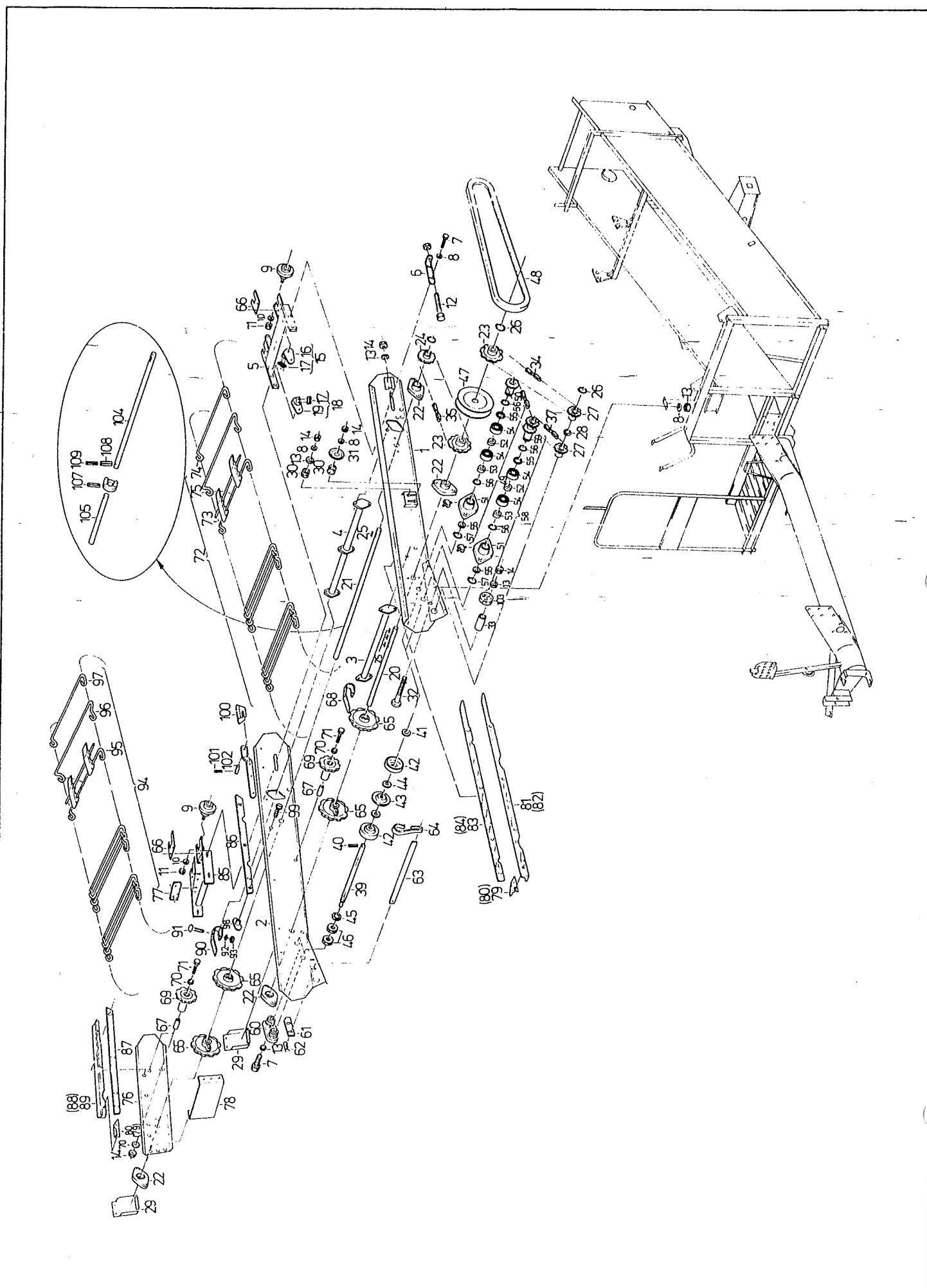
1011
1033

Item No.	Part-Number	Description	Remarks
88	M8x16 DIN 7991	Countersunk screw	
89	M8 B 108/2	Limbach-nut	
90	400.56.500.08	Bracket	
91	M8x60 DIN 603	Truss head screw	
92	A 8 DIN 127	Spring ring	
93	M 8 DIN 555	Hexagon nut	
94.1	402.56.240.00 (W1025)	Impurity chain assy, 350 mm, 54 rods (comprising items 95.1, 96.1, 97.1, 98.1, 99-104)	
94.2	401.56.510.00	Impurity chain assy, 350 mm, 105 rods (comprising items 95.1, 96.1, 97.2, 98.1, 99-104)	
94.3	400.56.510.00	Impurity chain, 250 mm, 105 rods, (comprising items 95.2, 96.2, 97.2, 98.2, 99-104)	
95.1	115.63.321.00	Stone trap unit, 350 mm wide	
95.2	170.63.071.00	Stone trap unit, 250 mm wide	
96.1	000.05.016.01	Sorting chain rod, 350 mm wide	
96.2	000.05.006.01	Sorting chain rod, 250 mm wide	
97.1	402.56.240.01	Sorting web strap (for 54 rods)	
97.2	401.56.510.01	Sorting web strap (for 105 rods)	
98.1	000.05.016.06	Connecting rod, 350 mm long	
98.2	000.05.006.06	Connecting rod, 250 mm long	
99	000.05.003.02	Sorting chain fishplate	
100	000.05.003.03	Lock half, male	
101	000.05.003.04	Lock half, female	
102	4 x 19 DIN 661	Countersunk rivet	
103	4 x 22 DIN 661	Countersunk rivet	
104	4 x 26 DIN 661	Countersunk rivet	
105	402.58.000.10	Covering hood	
106	5 x 25 DIN 94	Split pin	
107	402.58.000.02	Bolt	
108	000.50.000.19	Clamping block	
109.1	402.56.025.00	Clamping frame unit (372 mm wide)	
109.2	400.13.013.00	Clamping frame unit (272 mm wide)	

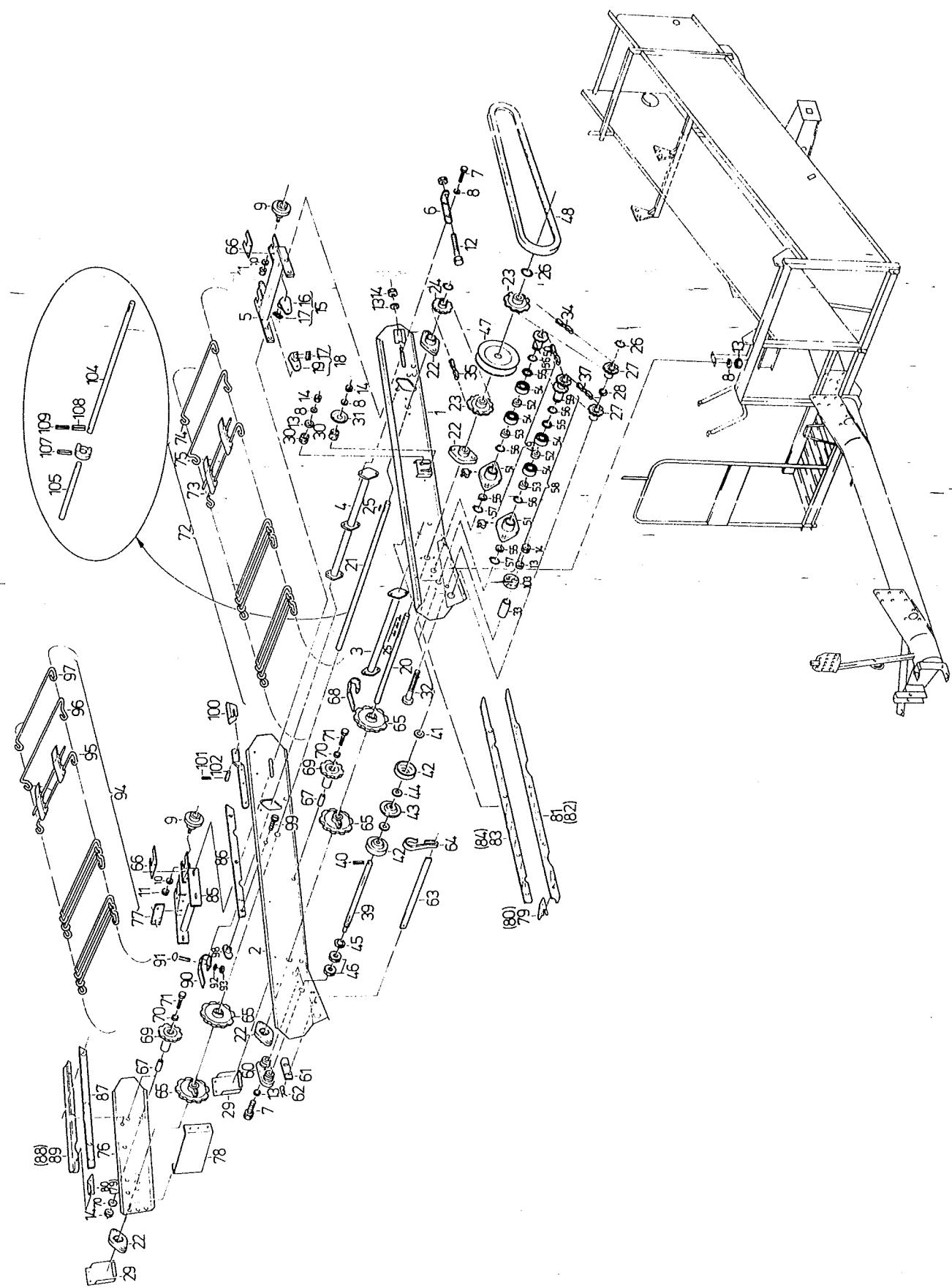


Drawing 10 Sorting belt with grading rollers and 1011
 impurity web with rubber strap chain 1033

Item No.	Part-Number	Description	Remarks
110	400.12.000.02	Coupling shaft)
111	400.13.010.02	Impurity web shaft)
112	400.13.015.00	Shaft coupling)
113	8x60 DIN 1481	Clamping sleeve) Until 1984 incl.
114	10x60 DIN 1481	Clamping sleeve)
115	6x60 DIN 1481	Clamping sleeve)

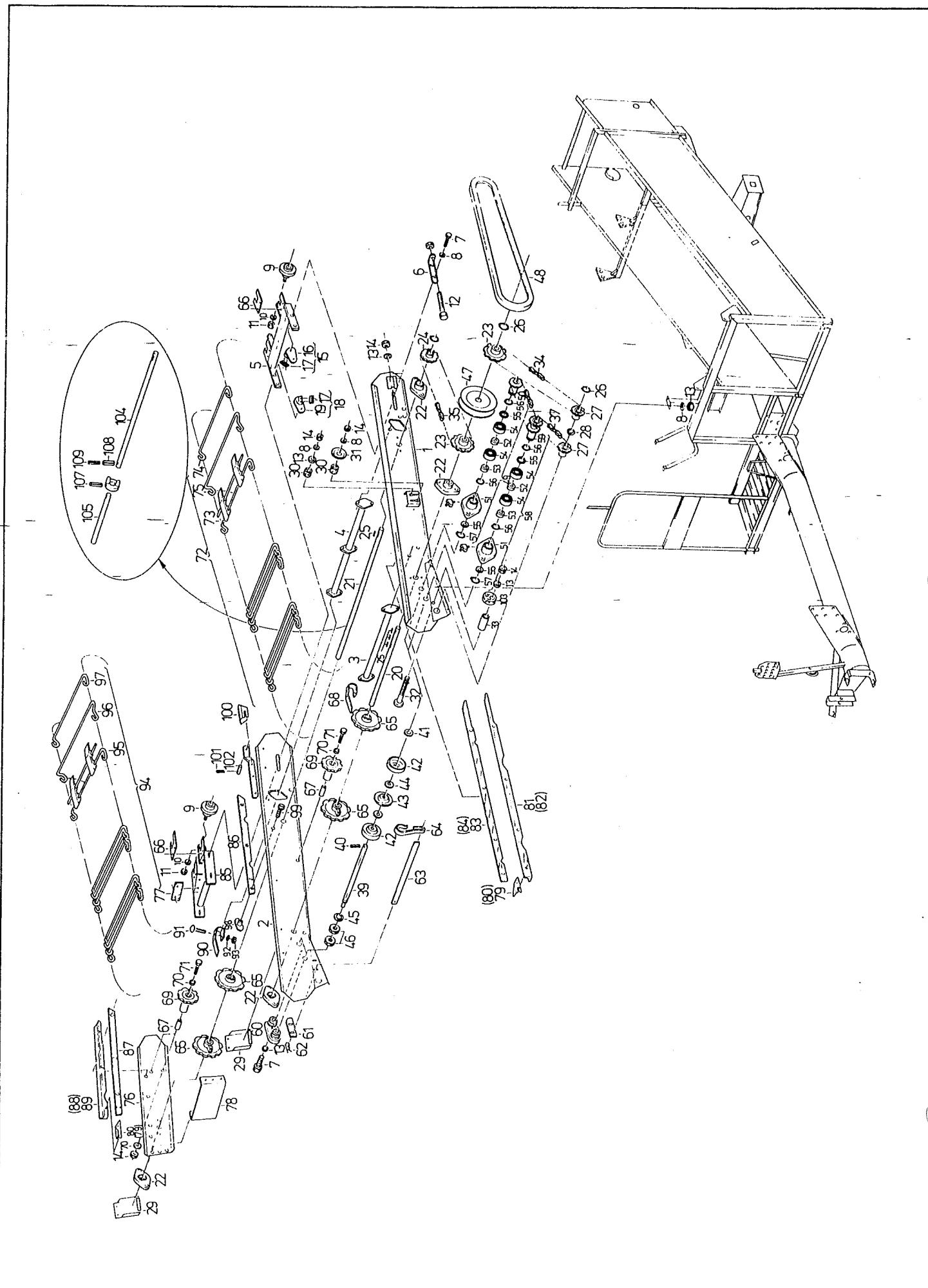


Drawing 11		Sorting belt with grading rollers and impurity web with kontted chain	1011 1033
Item No.	Part-Number	Description	Remarks
1	401.63.011.00	Sorting belt cross-member, l/h side	
2	401.63.012.00	Sorting belt cross-member, r/h side	
3	400.12.013.00	Cross connecting rod	
4	401.63.014.00	Cross connecting rod	
5	400.12.030.00	Sorting belt tensioning frame	
6	112.63.010.01	Shiftable turnbuckle	
7	M10x20 DIN 933	Hexagon head screw	
8	A 10 DIN 127	Spring ring	
9	000.10.005.00	Deviating roller unit	
10	A 21 DIN 6797	Toothed disc	
11	M 20 DIN 936	Flat type hexagon nut	--
12	112.63.050.00	Clamping bolt	
13	10.5 DIN 9021	Disc	
14	M 10 DIN 555	Hexagon nut	
15	000.50.020.00	Stripper unit (comprising items 16 and 17)	
16	000.50.020.01	Stripper	
17	000.50.010.02	Stripper rubber	
18	000.50.010.00	Stripper unit (comprising items 19 and 17)	
19	000.50.010.01	Stripper	
20	400.12.000.01	Sorting belt shaft	
21	401.63.000.02	Coupling shaft	From 1985 incl.
22	112.63.010.08	Flange bearing	
23	090.63.040.00	Chain sprocket, 1/2", 25 teeth	
24	000.56.009.00	Chain sprocket, 1/2", 32 teeth	
25	A8x7x22 DIN 6885	Adjusting spring	
26	A 25 DIN 471	Retaining ring	
27	090.63.000.23	Chain sprocket, 1/2", 15 teeth	
28	000.62.000.01	Distance tube	
29	113.63.010.25	Bearing cover	
30	000.50.000.05	Clamping block	
31	000.50.000.15	Flanged-coupling pulley	
32	M10x140 DIN 603	Truss head screw	
33	400.12.000.19	Distance tube	



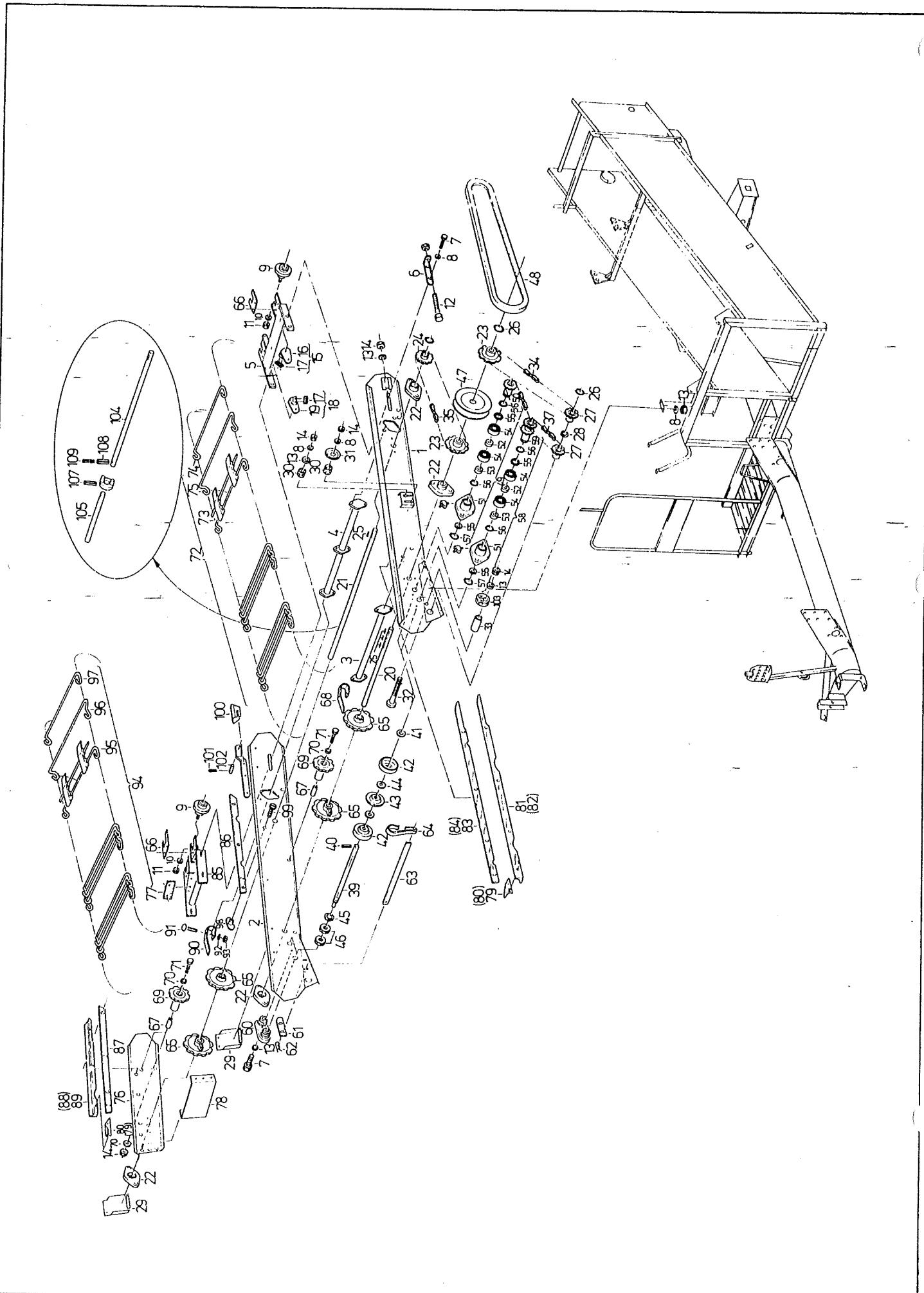
Drawing 11 Sorting belt with grading rollers and
 impurity web with knotted chain 1011
 1033

Item No.	Part-Number	Description	Remarks
34	75 rollers	Roller chain 1/2" x 5/16"	
35	238 rollers	Roller chain 1/2" x 5/16"	
36	31 rollers	Roller chain 1/2" x 5/16"	
37	37 rollers	Roller chain 1/2" x 5/16"	
38.1	400.12.060.00	Grading roller unit, 26.5 mm spacing	
38.2	400.12.061.00	Grading roller unit, 31.5 mm spacing	
38.3	400.12.062.00	Grading roller unit, 36.5 mm spacing	
38.4	400.12.063.00	Grading roller unit, 41.5 mm spacing	
39	400.12.060.01	Grading roller shaft	
40	6 x 40 DIN 1481	Clamping sleeve	
41	23 DIN 125	Disc	
42	000.10.002.05	Cranked grading disc	
43	000.10.002.01	Grading disc	
44	000.10.002.03	Spacer	
45	PS 22 x 30 x 1	Adjusting ring	
46	M 20 DIN 936	Flat type hexagon nut	
47.1	400.12.050.00	V-belt pulley, 240 mm in dia.	
47.2	400.12.055.00	V-belt pulley, 305 mm in dia.	
48.1	SPB 17 x 4385	V-belt	
48.2	17 x 4325	V-belt	
48.3	17 x 4425	V-belt (at 305 mm in dia.)	
49	000.10.008.00	Plug-in bearing assy. (comprising items 50-57)	
50	000.10.008.02	Inserting shaft	
51	000.10.001.05	Bearing casing	
52	090.54.020.02	Distance tube	
53	000.10.001.07	Distance tube	
54	16006 DIN 625	Ball bearing	
55	16006 IV	Nilos-ring	
56	I 55 DIN 472	Retaining ring	
57	A 30 DIN 471	Retaining ring	
58	000.10.001.00	Plug-in bearing assy. (comprising items 51-57 and 59)	
59	000.10.001.02	Inserting shaft	



Drawing 11 Sorting belt with grading rollers and
impurity web with knotted chain 1011
 1033

Item No.	Part-Number	Description	Remarks
60	000.10.004.02	Bearing flange	
61	115.67.010.031	Fixing fishplate	
62	000.50.200.03	Spring plug, 4 mm in dia.	
63	400.12.000.15	Stripper carrier	
64	000.10.002.07	Stripper spring	
65	000.10.009.00	Chain sprocket, 15 teeth	-
66	115.64.030.02-	Stripper plate--	-
67	000.10.000.04	Distance tube	-
68	400.63.500.08	Bracket	only with small guard strip
69	000.10.000.03	Carrying roller	
70	10.5 DIN 9021	Disc	
71	M10x75 DIN 931	Hexagon head screw	
72	400.12.090.00	Sorting chain unit, 550 mm wide, 166 rods (comprising items 73-75)	
73	100.63.121.00	Stone trap unit	
74	100.63.120.02	Knotted chain rod	
75	100.63.120.01	Double rod	
76	402.56.010.00	Impurity web cross member	
77	100.29.011.05	Deflector rubber	
78	402.56.000.01	Front board	
79	113.64.010.03	Deflecting angle plate, l/h side (only with a wide guide strip)	→
80	113.64.010.04	Deflecting angle plate, r/h side (only with a wide guide strip)	→
81	400.12.000.05	Guide strip, l/h side	
82	400.12.000.06	Guide strip, r/h side	
83	400.63.500.10	Guard strip, l/h side	
84	400.63.500.11	Guard strip, r/h side	
85.1	402.56.025.00	Tensioning frame (372 mm wide)	
85.2	400.13.013.00	Tensioning frame (272 mm wide)	
86.1	402.56.200.03	Guard strip, l/h side (615 mm long)	
86.2	401.56.400.01	Guard strip, l/h side (1285 mm long)	
87.1	401.63.800.04	Guard strip, r/h side (615 mm long)	

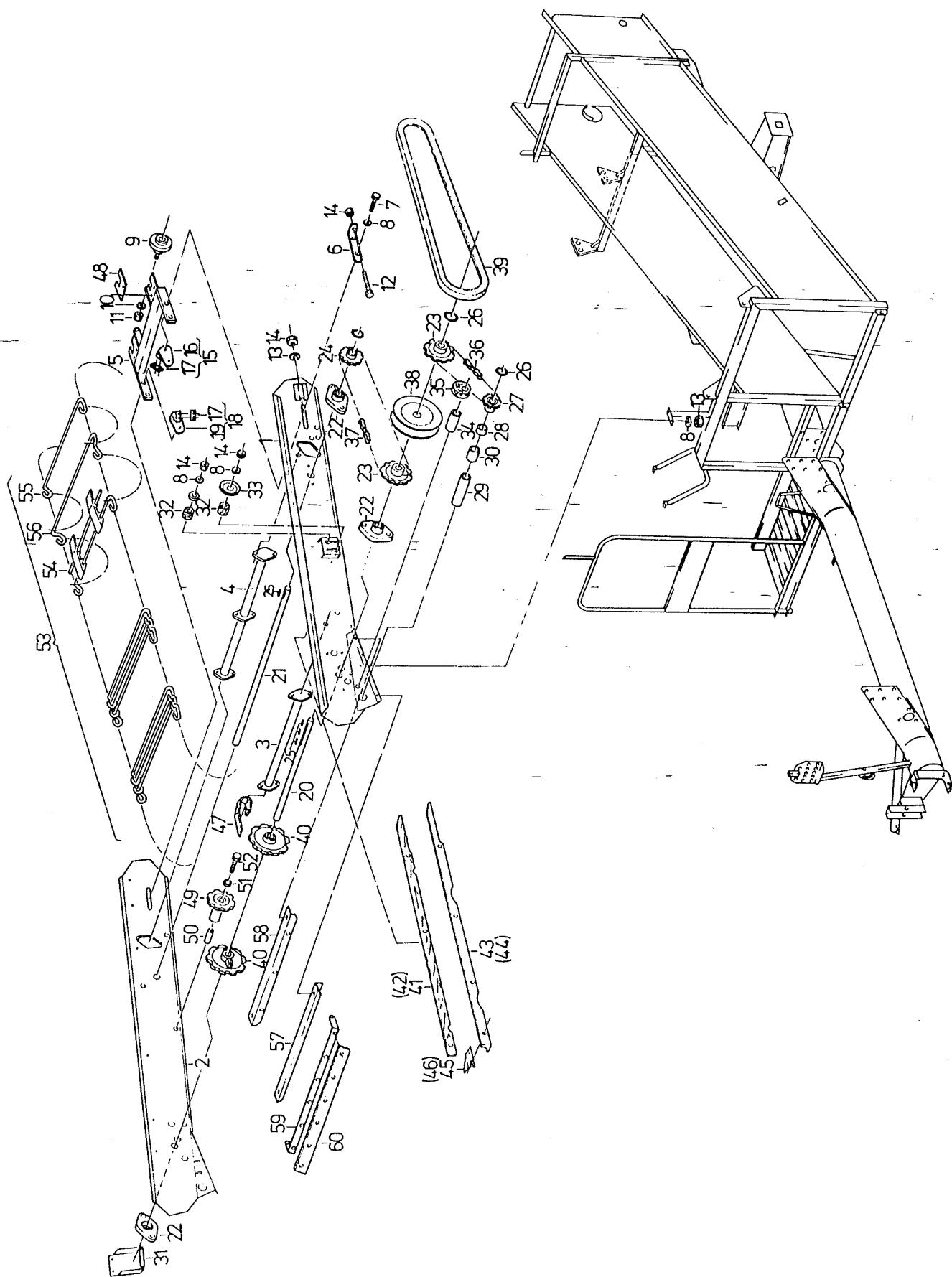


Drawing 11 Sorting belt with grading rollers and
impurity web with knotted chain

1011

1033

Item No.	Part-Number	Description	Remarks
87.2	401.58.400.02	Guard strip, r/h side (1285 mm long)	
88.1	401.12.530.03	Guide strip, l/h side (500 mm long)	
88.2	400.13.010.03	Guide strip, l/h side (1180 mm long)	
89.1	400.12.530.04	Guide strip, r/h side (500 mm long)	
89.2	400.13.010.04	Guide strip, r/h side (1180 mm long)	
90	400.56.500.08	Bracket	(only with small guard strip)
91	M8x60-DIN 603	Truss head screw	-
92	A 8 DIN 127	Spring ring	
93	M 8 DIN 555	Hexagon nut	-
94.1	402.56.140.00	Impurity chain assy., 350 mm wide, 62 rods (comprising items 95.1, 96.1, 97.1)	
94.2	401.56.035.00	Impurity chain assy., 350 mm wide, 117 rods (comprising items 95.1, 96.1, 97.1)	-
94.3	400.13.035.00	Impurity chain assy., 250 mm wide, 117 rods (comprising items 95.2, 96.2, 97.2)	-
95.1	115.64.321.00	Stone trap unit (350 mm wide)	
95.2	400.13.031.00	Stone trap unit (250 mm wide)	
96.1	000.05.011.02	Double rod (350 mm wide)	
96.2	000.05.116.02	Double rod (250 mm wide)	
97.1	000.05.011.02	Knotted chain rod (350 mm wide)	
97.2	000.05.111.01	Knotted chain rod (250 mm wide)	
98	M8 B, 108/2	Limbach-nut	
99	M 8 x 16 DIN 7991	Countersunk screw	
100	402.58.000.10	Covering hood	
101	5 x 25 DIN 94	Split pin	
102	402.58.000.02	Bolt	
103	000.50.000.19	Clamping block	
104	400.12.000.02	Coupling shaft	Until 1984 incl.
105	400.13.010.02	Impurity belt shaft	Until 1984 incl.
106	400.13.015.00	Shaft coupling	Until 1984 incl.
107	8 x 60 DIN 1481	Clamping sleeve	Until 1984 incl.
108	10x60 DIN 1481	Clamping sleeve	Until 1984 incl.
109	6 x 60 DIN 1481	Clamping sleeve	Until 1984 incl.

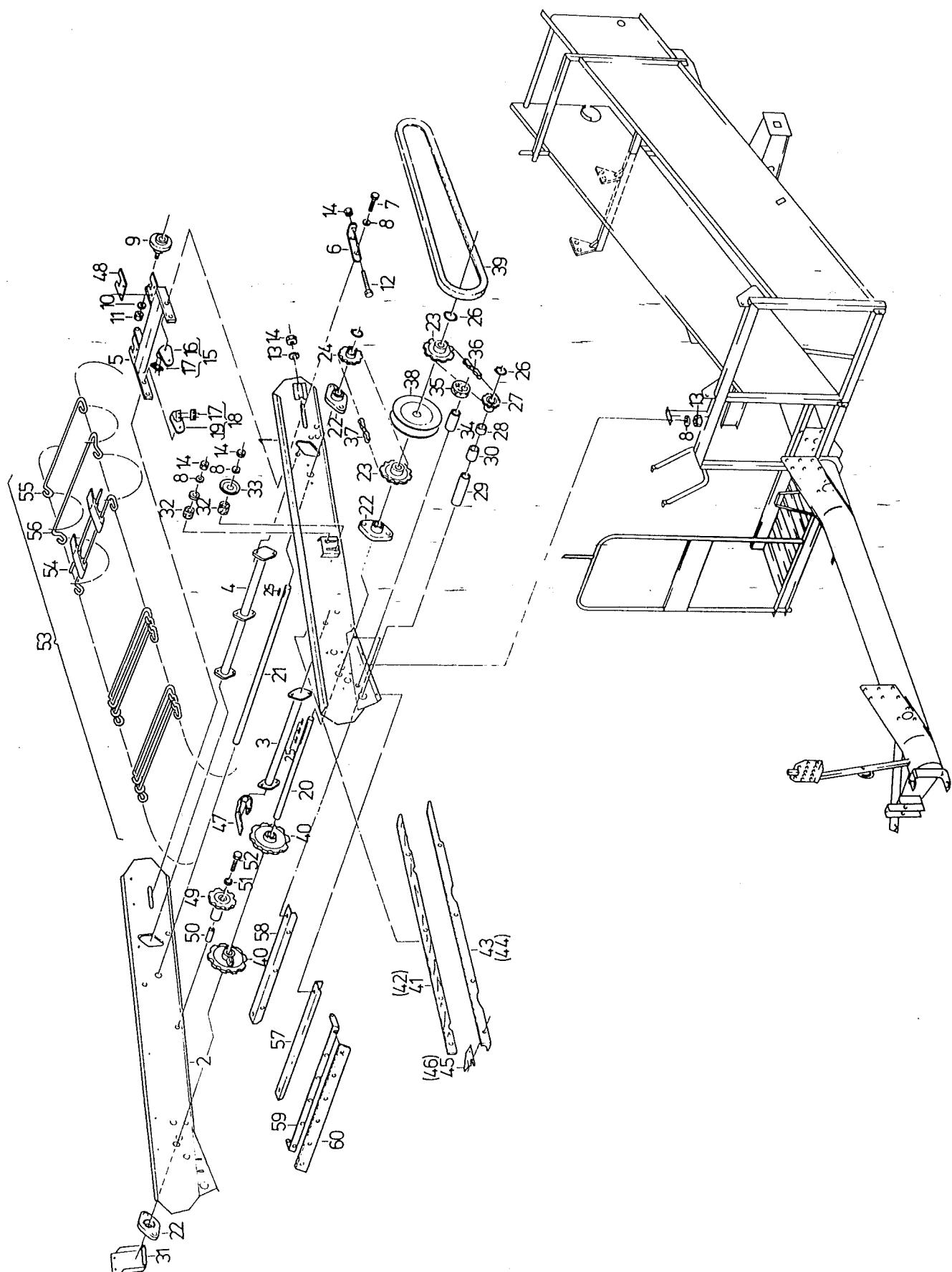


Drawing 12 Sorting belt without grading rollers, but
with knotted chain

1011

1033

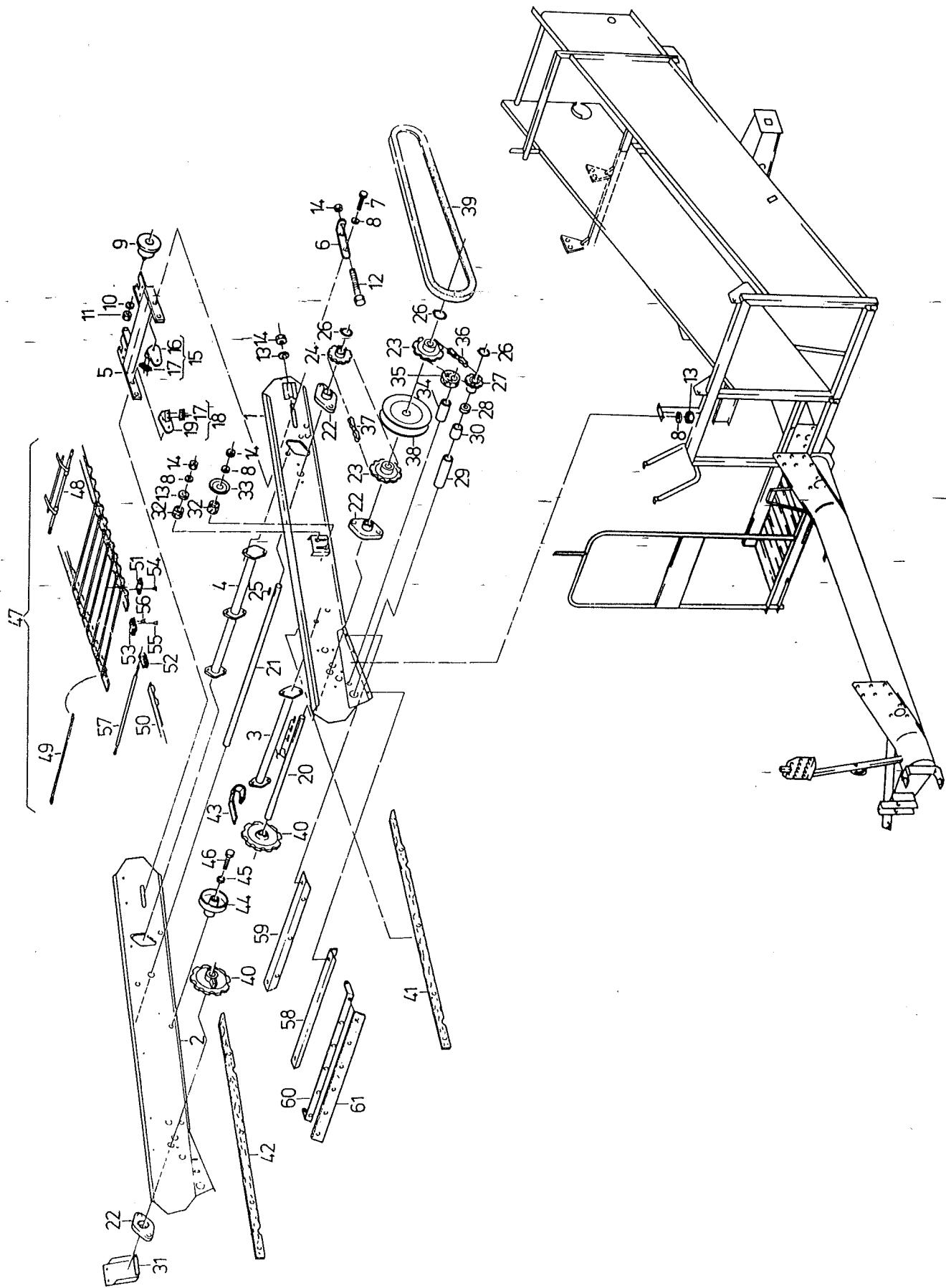
Item No.	Part-Number	Description	Remarks
1	401.63.011.00	Sorting belt cross member, l/h side	
2	401.63.012.00	Sorting belt cross member, r/h side	
3	400.12.013.00	Cross connecting rod	
4	401.63.014.00	Cross connecting rod	
5	400.12.030.00	Sorting belt tensioning frame	
6	112.63.010.01	Shifttable turnbuckle	
7	M10x20 DIN 933	Hexagon head screw	
8	A 10 DIN 127	Spring ring	
9	000.10.005.00	Deviating-roller unit	
10	A 21 DIN=6797	Toothed disc	
11	M 20 DIN 936	Flat type hexagon nut	
12	112.63.050.00	Tensioning screw	
13	10.5 DIN 9021	Disc	
14	M 10 DIN 555	Hexagon nut	
15	000.50.020.00	Stripper unit (comprising items 16 and 17)	
16	000.50.020.01	Stripper	
17	000.50.010.02	Stripper rubber	
18	000.50.010.00	Stripper unit (comprising items 19 and 17)	
19	000.50.010.01	Stripper	
20	400.12.000.01	Sorting belt shaft	
21	401.63.000.02	Coupling shaft	From 1985 incl.
22	112.63.010.08	Flange bearing	
23	090.63.040.00	Chain sprocket, 1/2", 25 teeth	
24	000.56.009.00	Chain sprocket, 1/2", 32 teeth	
25	A8x7x22 DIN 6885	Adjusting spring	
26	A 25 DIN 471	Retaining ring	
27	090.63.000.23	Distance tube	
28	000.62.000.01	Distance tube	
29	100.60.010.01	Distance tube	
30	092.63.000.01	Distance tube	
31	113.63.010.25	Bearing cover	
32	000.50.000.05	Clamping block	
33	000.50.000.15	Flanged-coupling pulley	
34	400.12.000.19	Distance tube	



Drawing 12 Sorting belt without grading rollers, but
with knotted chain

1011
1033

Item No.	Part-Number	Description	Remarks
35	000.50.000.19	Clamping block	
36	59 Rollers	Roller chain, 1/2" x 5/16"	
37	255 Rollers	Roller chain, 1/2" x 5/16"	
38.1	400.12.050.00	V-belt pulley, 240 mm in dia.	
38.2	400.12.055.00	V-belt pulley, 305 mm in dia.	
39	SPB 17 x 4635	V-belt	
40	000.10.009.00	Chain sprocket, 15 teeth	
41	401.63.700.01	Guard strip, l/h side (2070 mm long)	
42	401.63.700.02	Guard strip, r/h side (2070 mm long)	
43	401.63.300.01	Guide strip, l/h side (1955 mm long)	
44	401.63.300.02	Guide strip, r/h side (1955 mm long)	
45	113.64.010.03	Deflecting angle plate, l/h side/wide guide strip only	
46	113.64.010.04	Deflecting angle plate, r/h side/wide guide strip only	
47	401.63.700.03	Bracket	Small guide strip only
48	115.64.030.02	Deflecting plate	
49	000.10.000.03	Carrying wheel	
50	000.10.000.04	Distance tube	
51	10.5 DIN 9027	Disc	
52	M10x75 DIN 931	Hexagon head screw	
53	401.63.340.00	Sorting chain assy., 550 mm wide, 177 rods (comprising items 54-56)	
54	100.63.121.00	Stone trap unit	
55	100.63.120.02	Knotted chain rod	
56	100.63.120.01	Double rod	
57	400.12.000.18	Front cross gusset	
58	401.63.300.03	Rear cross gusset	
59	401.63.300.03	Locking bracket	
60	401.63.300.04	Locking rubber strip	



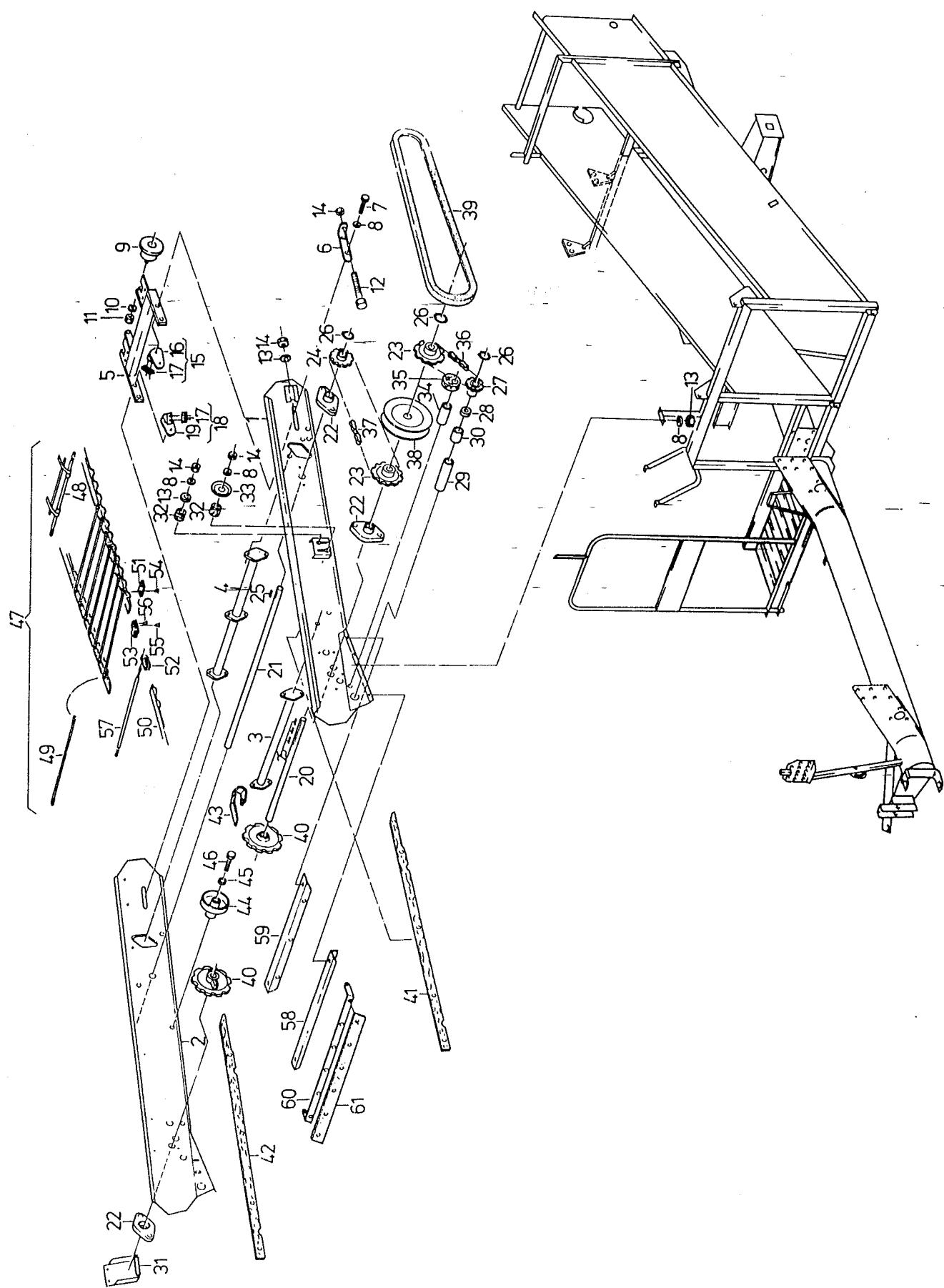
Drawing 13

Sorting belt without grading rollers,
but with rubber belt chain

1011

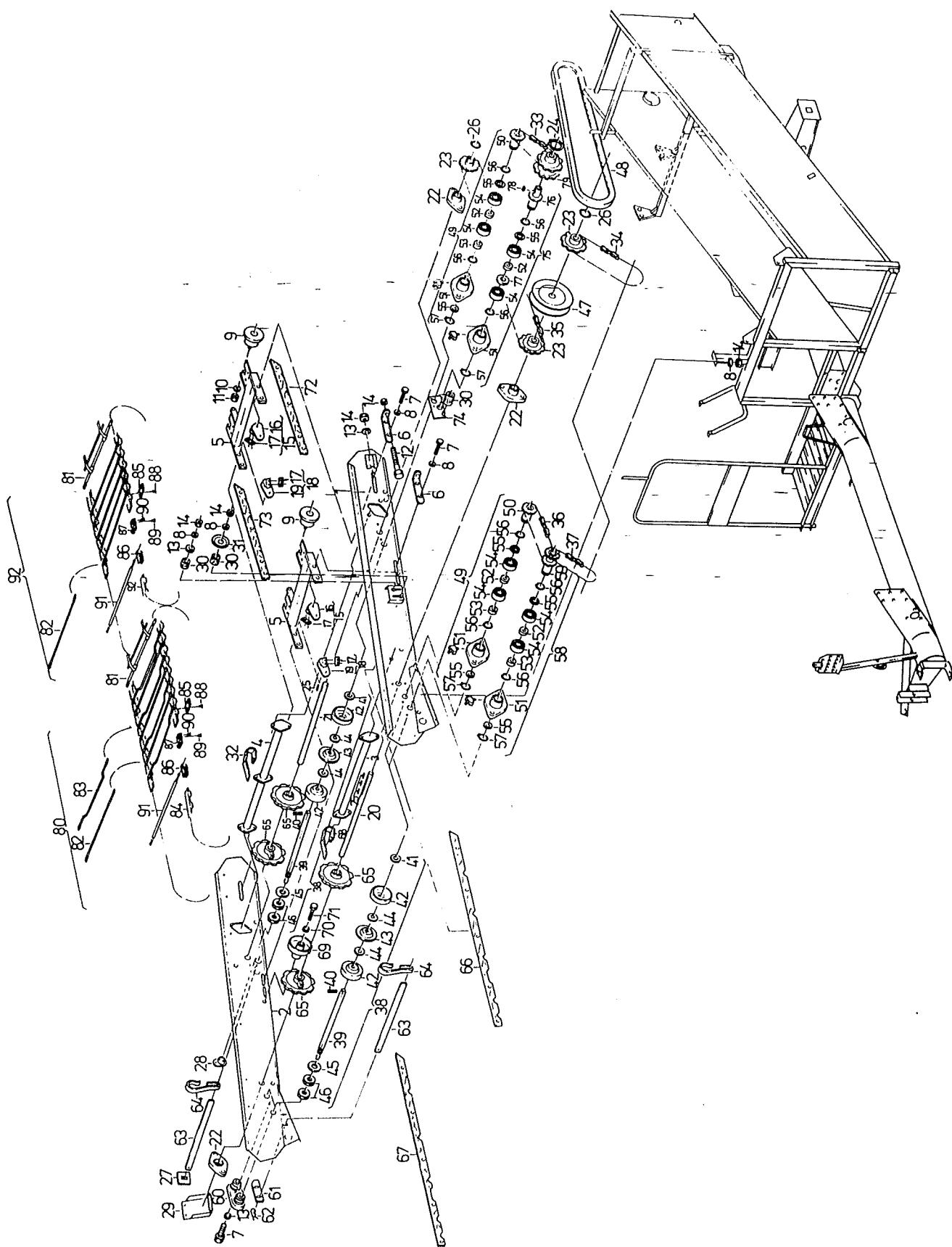
1033

Item No.	Part-Number	Description	Remarks
1	401.63.011.00	Sorting belt cross member, left-hand side	
2	401.63.12.00	Sorting belt cross member, right-hand side	
3	400.12.013.00	Cross connecting rod	
4	401.63.014.00	Cross connecting rod	
5	400.12.030.00	Sorting belt tensioning frame	
6	112.63.010.01	Shiftable turnbuckle	
7	M10x20 DIN 933	Hexagon head screw	
8	A 10 DIN 127	Spring ring	
9	000.03.001.00	Separating belt roller unit	
10	A 21 DIN 6797	Toothed disc	
11	M 20 DIN 936	Flat type hexagon nut	
12	112.63.050.00	Clamping bolt	
13	10.5 DIN 9021	Disc	
14	M 10 DIN 555	Hexagon nut	
15	000.50.020.00	Stripper unit (comprising items 16 and 17)	
16	000.50.020.01	Stripper	
17	000.50.010.02	Stripper rubber	
18	000.50.010.00	Stripper unit (comprising items 19 and 17)	
19	000.50.010.01	Stripper	
20	400.12.000.01	Sorting belt shaft	
21	401.63.000.02	Coupling shaft	From 1985 incl.
22	112.63.010.08	Flange bearing	
23	090.63.040.00	Chain sprocket, 1/2", 25 teeth	
24	000.56.009.00	Chain sprocket, 1/2", 32 teeth	
25	A8x7x22 DIN 6885	Adjusting spring	
26	A 25 DIN 471	Retaining ring	
27	090.63.000.23	Chain sprocket, 1/2", 15 teeth	
28	000.62.000.01	Distance tube	
29	100.60.010.01	Distance tube	
30	092.63.000.01	Distance tube	
31	113.63.010.25	Bearing cover	
32	000.50.000.05	Clamping block	
33	000.50.000.15	Flanged-coupling pulley	



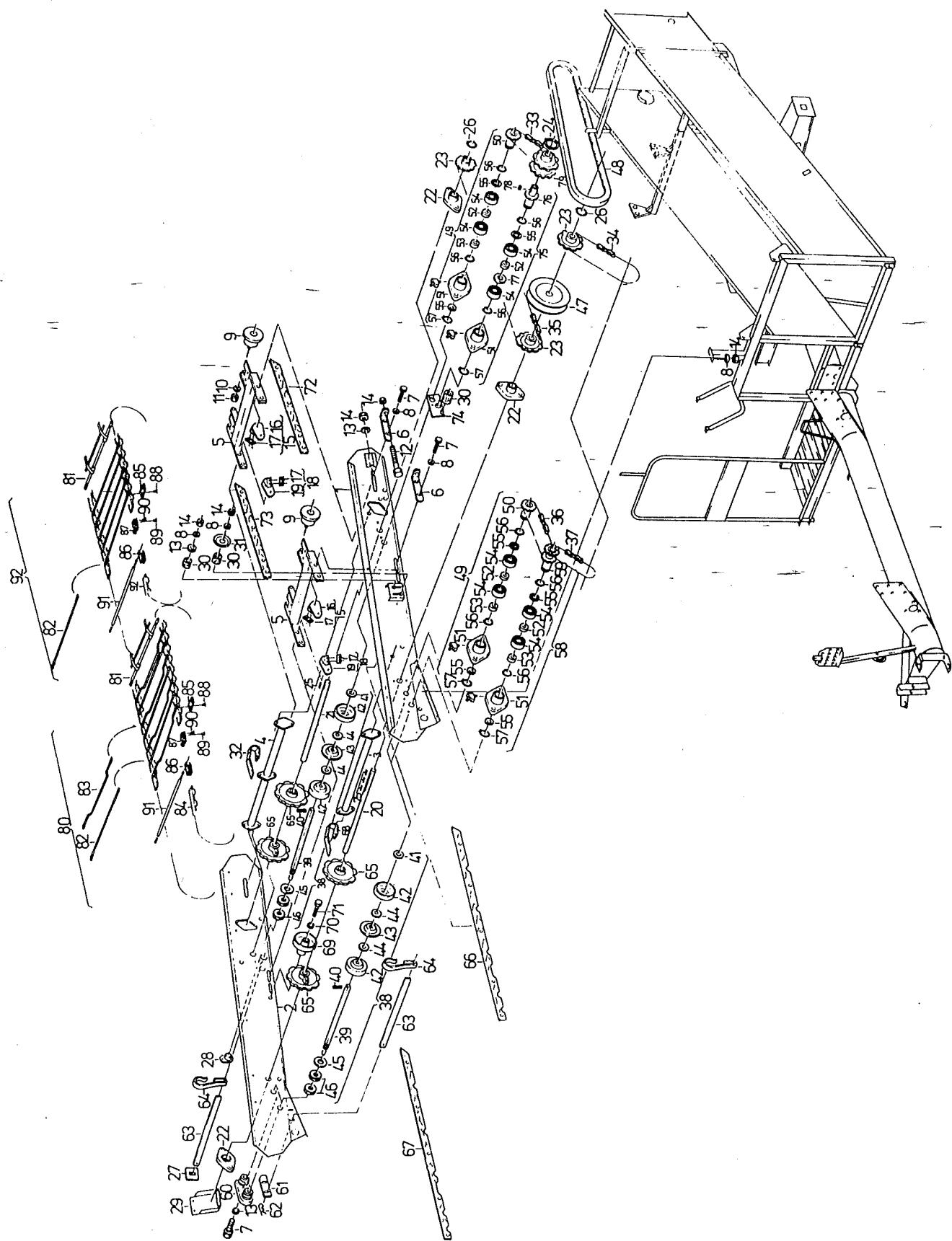
Drawing 13 Sorting belt without grading rollers,
 but with rubber belt chain 1011
 1033

Item No.	Part-Number	Description	Remarks
34	400.12.000.19	Distance tube	
35	000.50.000.19	Clamping block	
36	59 Rollers	Roller chain, 1/2" x 6/16"	
37	255 Rollers	Roller chain, 1/2" x 5/16"	
38.1	400.12.050.00	V-belt pulley, 240 mm in dia.	
38.2	400.12.055.00	V-belt pulley, 305 mm in dia.	
39	SPB 17 x 4635	V-belt	
40	000.10.010.00	Chain sprocket, 12 teeth	
41	401.63.700.01	Guard strip, l/h side (2070 mm long)	
42	401.63.700.02	Guard strip, r/h side (2070 mm long)	
43	401.63.700.03	Bracket	
44	000.10.000.05	Carrying roller	
45	10.5 DIN 9021	Disc	
46	M10x60 DIN 931	Hexagon head screw	
47	401.63.740.00	Sorting chain assy, 550 mm wide, - 158 rods (comprising items 48-57)	
48	400.63.511.00	Stone trap unit	
49	000.05.009.01	Sorting chain rod	
50	401.63.740.01	Sorting belt strap	
51	000.05.003.02	Sorting chain fishplate	
52	000.05.003.03	Lock half; male	
53	000.05.003.04	Lock half, female	
54	Ø4 x 19 DIN 661	Countersunk rivet	
55	Ø4 x 22 DIN 661	Countersunk rivet	
56	Ø4 x 26 DIN 661	Countersunk rivet	
57	000.05.009.02	Connecting rod	
58	400.12.000.18	Front cross angle strip	
59	400.12.000.13	Rear cross angle strip	
60	401.63.300.03	Locking bracket	
61	401.63.300.04	Locking rubber strip	



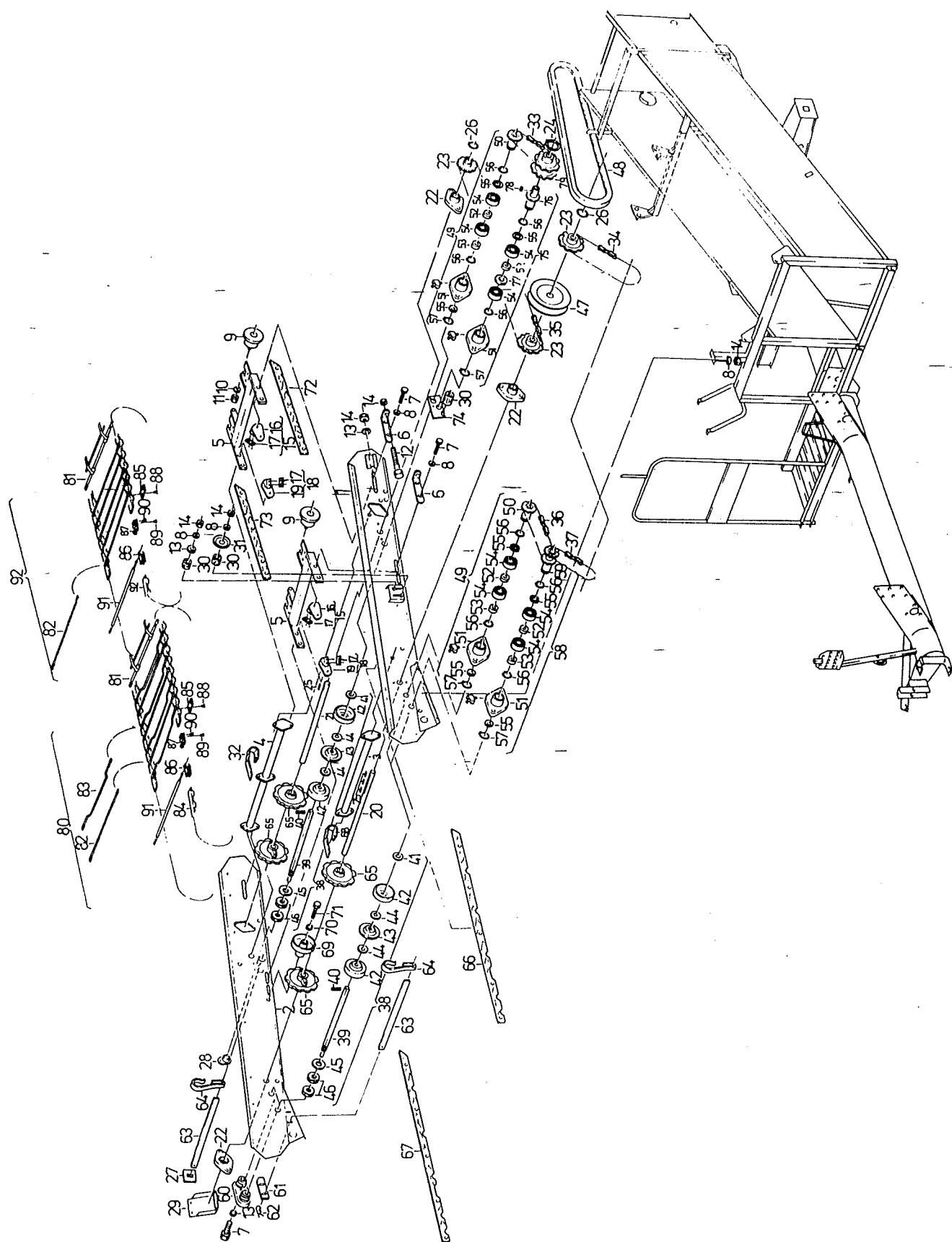
Drawing 14 Sorting belt with grading rollers and
cleaning rollers, including rubber belt chain 1011
 1033

Item No.	Part-Number	Description	Remarks
1	401.63.011.00	Sorting belt cross member, left-hand side	
2	401.63.012.00	Sorting belt cross member, right-hand side	
3	400.12.013.00	Cross connecting rod	
4	401.63.014.00	Cross connecting rod	
5	400.12.030.00	Sorting belt tensioning frame	
6	112.63.010.01	Shiftable turnbuckle	
7	M10x20-DIN 933-	Hexagon head screw	-
8	A 10 DIN 127	Spring ring - - -	
9	000.03.001.00	Separating roller unit	-
10	A 21 DIN 6797	Toothed disc	-
11	M 20 DIN 936	Flat type hexagon nut	
12	112.63.050.00	Clamping bolt	
13	10.5 DIN 9021	Disc	-
14	M 10 DIN 555	Hexagon nut	-
15	000.50.020.00	Stripper unit (comprising items 16 and 17)	
16	000.50.020.01	Stripper	
17	000.50.010.02	Stripper rubber	
18	000.50.010.00	Stripper unit (comprising items 19 and 17)	
19	000.50.010.01	Stripper	
20	400.12.000.01	Sorting belt shaft	
21	401.63.000.02	Coupling shaft	From 1985 incl.
22	112.63.010.08	Flange bearing	
23	090.63.040.00	Chain sprocket, 1/2", 25 teeth	
24	A 30 DIN 471	Retaining ring	
25	A8x7x22 DIN 6885	Adjusting spring	
26	A 25 DIN 471	Retaining ring	
27	400.12.530.05	Fixing fishplate	
28	000.10.004.03	Bearing flange	
29	113.63.010.25	Bearing cover	
30	000.50.000.05	Clamping block	
31	000.50.000.15	Flanged-coupling pulley	
32	400.56.500.08	Bracket	
33	36 Rollers	Roller chain, 1/2" x 5/16"	



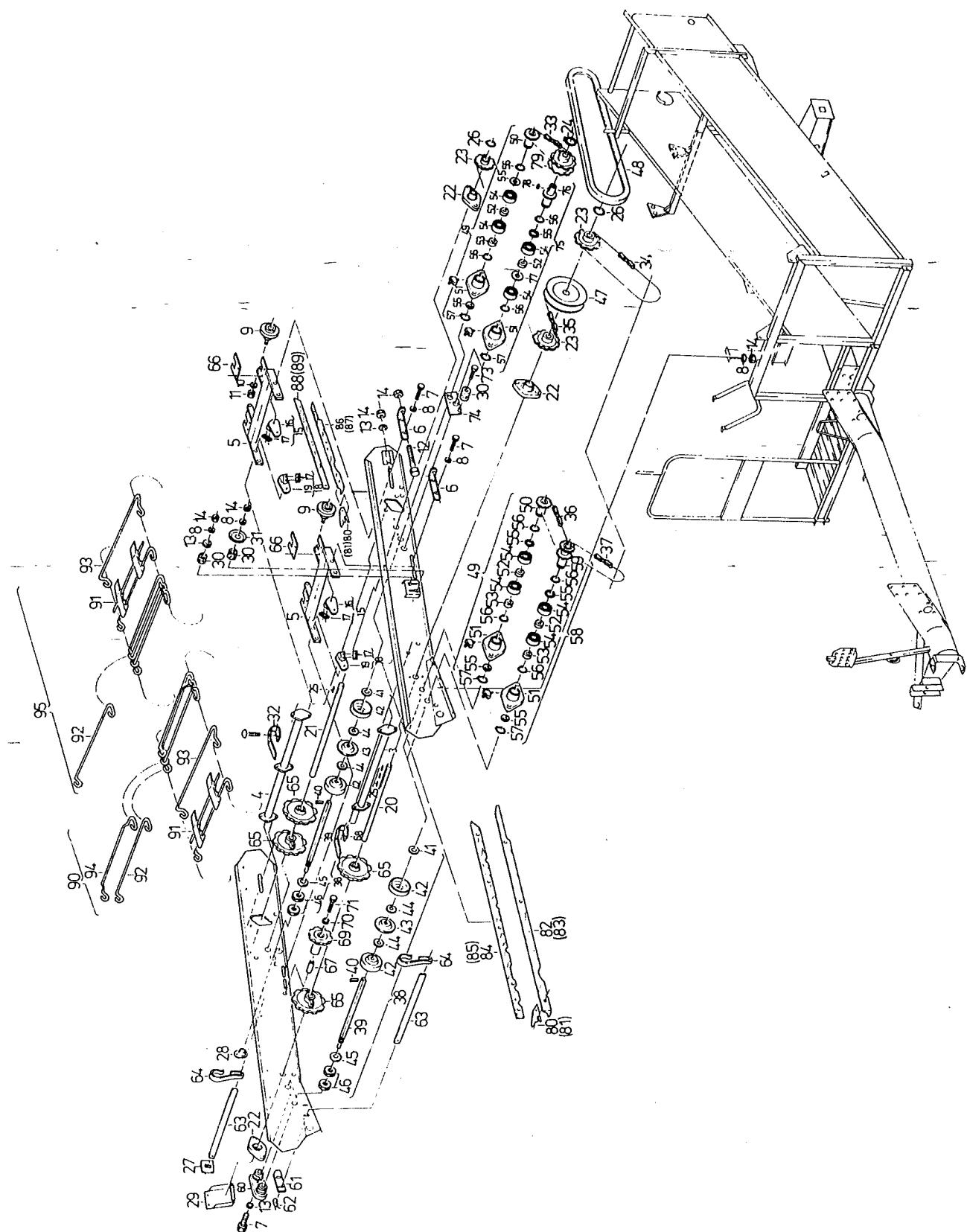
Drawing 14 Sorting belt with grading rollers and
cleaning rollers, including rubber belt chain 1011
 1033

Item No.	Part-Nummer	Description	Remarks
34	75 Rollers	Roller chain, 1/2" x 5/16"	
35	234 Rollers	Roller chain, 1/2" x 5/16"	
36	31 Rollers	Roller chain, 1/2" x 5/16"	
37	37 Rollers	Roller chain, 1/2" x 5/16"	
38.1	400.12.060.00	Grading roller unit, 26.5 mm spacing	
38.2	400.12.061.00	Grading roller unit, 31.5 mm spacing	
38.3	400.12.062.00	Grading roller unit, 36.5 mm spacing	
38.4	400.12.063.00	Grading roller unit, 41.5 mm spacing	
39	400.12.060.01	Grading roller shaft	
40	6 x 40 DIN 1481	Clamping sleeve	
41	23 DIN 125	Disc	
42	000.10.002.05	Cranked grading roll	
43	000.10.002.01	Grading roll	
44	000.10.002.03	Distance piece	
45	PS 22 x 30 x 1	Adjusting disc	
46	M 20 DIN 936	Flat type hexagon nut	
47.1	400.12.050.00	V-belt pulley, 240 mm in dia.	
47.2	400.12.055.00	V-belt pulley, 305 mm in dia.	
48.1	SPB 17 x 4385	V-belt	
48.2	17 x 4325	V-belt	
48.3	17 x 4425	V-belt (305mm in dia.)	
49	000.10.008.00	Plug-in bearing unit (comprising items 50-57)	
50	000.10.008.02	Inserting shaft	
51	000.10.001.05	Bearing casing	
52	090.54.020.02	Distance tube	
53	000.10.001.07	Distance tube	
54	16006 DIN 625	Ball bearing	
55	16008 IV	Nilos-ring	
56	I 55 DIN 472	Retaining ring	
57	A 30 DIN 471	Retaining ring	
58	000.10.001.00	Plug-in bearing unit (comprising items 51 and 59)	
59	000.10.001.02	Inserting shaft	



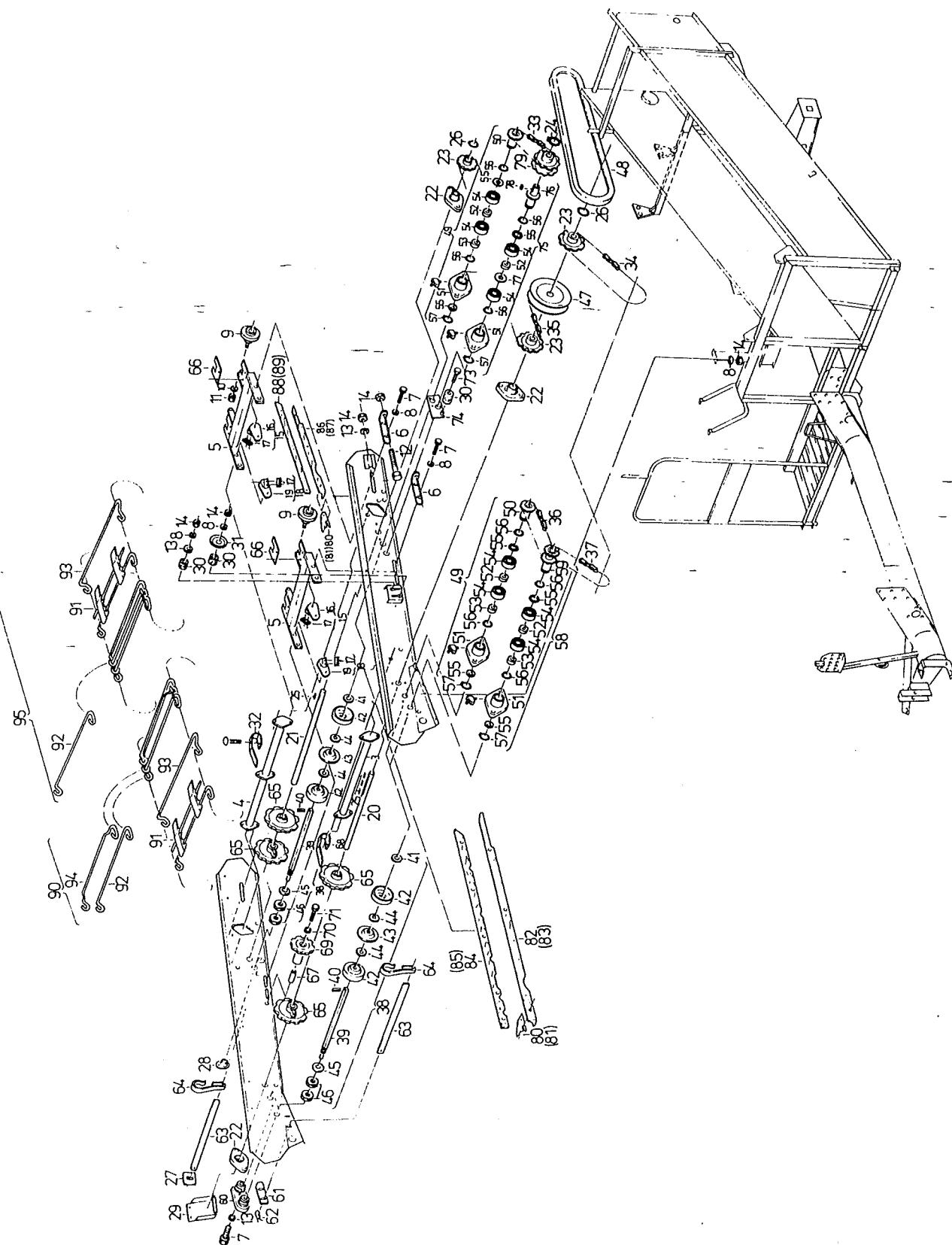
Drawing 14 Sorting belt with grading rollers and
cleaning rollers, inclusive rubber belt chain 1011
 1033

Item No.	Part-Number	Description	Remarks
60	000.10.004.02	Bearing flange	
61	115.67.010.03	Fixing fishplate	
62	000.50.200.03	Spring plug, 4 mm in dia.	
63	400.12.000.15	Stripper carrier	
64	000.10.002.07	Stripper spring	
65	000.10.010.00	Chain sprocket, 12 teeth	
66	401.63.800.01	Guard strip, l/h side (1145 mm long)	
67	401.63.800.02	Guard strip, r/h side (1145 mm long)	
68	400.63.500.08	Bracket	
69	000.10.000.05	Carrying roll	
70	10.5 DIN 902	Disc	
71	M10x60 DIN 931	Hexagon head screw	
72	401.63.800.03	Guard strip, l/h side (615 mm long)	
73	401.63.800.04	Guard strip, r/h rear side (615 mm long)	
74	400.12.540.00	Base plate unit	
75	000.10.011.00	Bearing block (comprising items 76, 77, 51, 52, 54, 55, 56, 57)	
76	000.10.011.03	Bearing bolt	
77	Ø40xØ30x0.3	Adjusting disc	
78	A8x7x18 DIN 6885	Adjusting spring	
79	000.56.000.05	Double chain sprocket	
80	401.56.000.05	Sorting belt assy., 550 mm wide, 91 rods, (comprising items 81-91)	
81	400.63.511.00	Stone trap unit	
82	000.05.009.01	Sorting chain rod	
83	000.05.009.06	Cranked sorting chain rod	
84	401.63.840.01	Sorting belt strap	
85	000.05.003.02	Sorting belt fishplate	
86	000.05.003.03	Lock half, male	
87	000.05.003.04	Lock half, female	
88	Ø4x19 DIN 661	Countersunk rivet	
89	Ø4x22 DIN 661	Countersunk rivet	
90	Ø4x26 DIN 661	Countersunk rivet	
91	000.05.009.02	Connecting rod	
92	401.63.845.00	Sorting chain assy., 550 mm wide, 54 rods (comprising items 93, 81, 82, 85-91)	
93	401.63.845.01	Sorting belt strap	



Drawing 15 Sorting belt with grading rollers and 1011
 cleaning rollers, including knotted chain 1033

Item No.	Part-Number	Description	Remarks
1	401.63.011.00	Sorting belt cross member, left-hand side	
2	401.63.012.00	Sorting belt cross member, right-hand side	
3	400.12.013.00	Cross connecting rod	
4	401.63.014.00	Cross connecting rod	
5	400.12.030.00	Sorting belt tensioning frame	
6	112.63.010.01	Shiftable turnbuckle	
7	M10x20_DIN 933	Hexagon head-screw	
8	A 10 DIN 127	Spring ring	
9	000.10.005.00	Deviating roller unit	
10	A 21 DIN 6797	Toothed disc	
11	M 20 DIN 936	Flat type hexagon nut	
12	112.63.050.00	Tensioning-screw	
13	10.5 DIN 9021	Disc	
14	M 10 DIN 555	Hexagon nut	
15	000.50.020.00	Stripper unit (comprising items 16 and 17)	
16	000.50.020.01	Stripper	
17	000.50.010.02	Stripper rubber	
18	000.50.010.00	Stripper unit (comprising items 19 and 17)	
19	000.50.010.01	Stripper	
20	400.12.000.01	Sorting belt shaft	
21	401.63.000.02	Coupling shaft	From 1985 incl.
22	112.63.010.08	Flange bearing	
23	090.63.040.00	Chain sprocket, 1/2", 25 teeth	
24	A 30 DIN 471	Retaining ring	
25	A8x7x22 DIN 6885	Adjusting spring	
26	A 25 DIN 471	Retaining ring	
27	400.12.530.05	Fixing fishplate	
28	000.10.004.03	Bearing flange	
29	113.63.010.25	Bearing cover	
30	000.50.000.05	Clamping block	
31	000.50.000.15	Flanged-coupling pulley	
32	400.56.500.05	Bracket	In case of small guard strip only



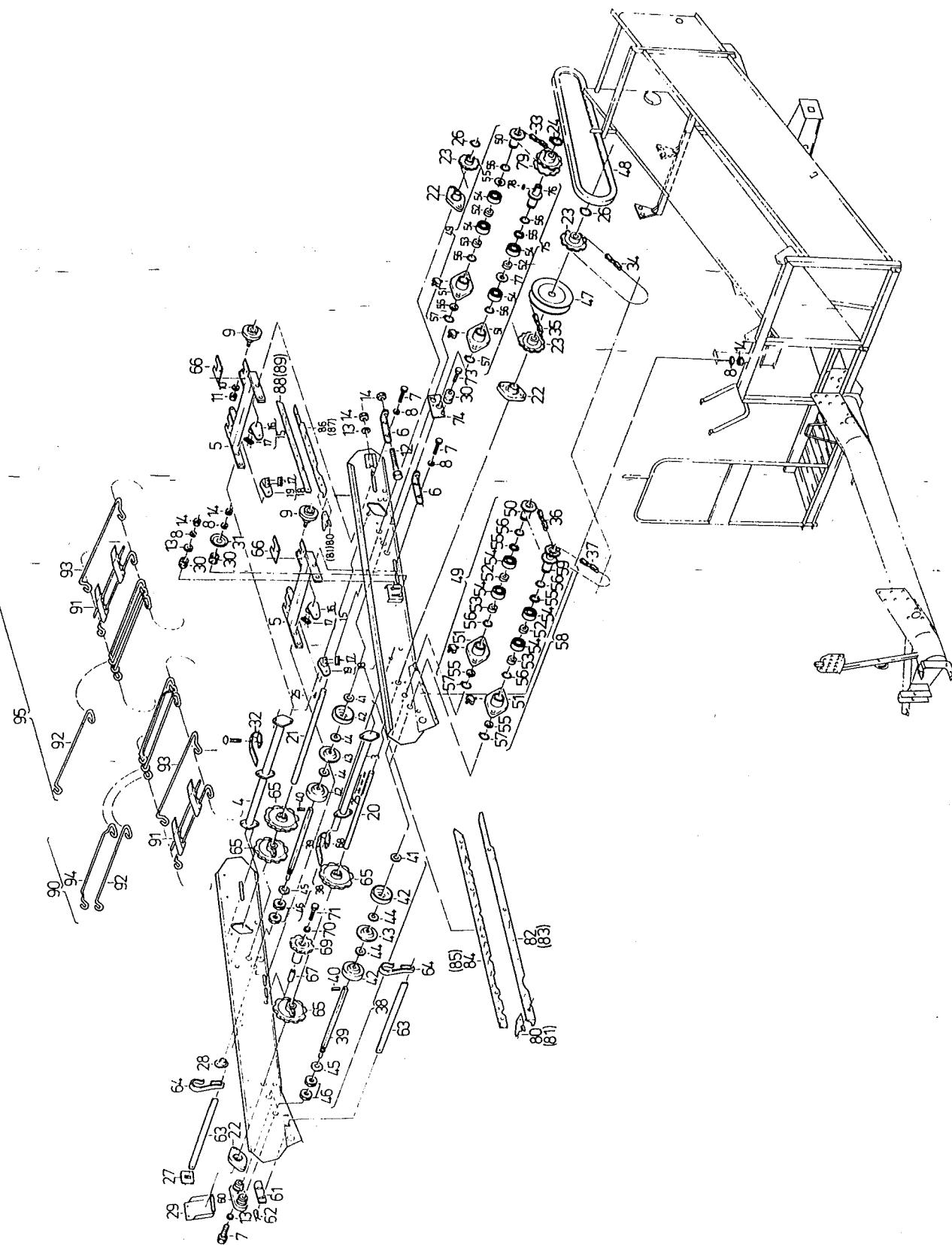
Drawing 15

Sorting belt with grading rollers and
cleaning rollers, including knotted chain

1011

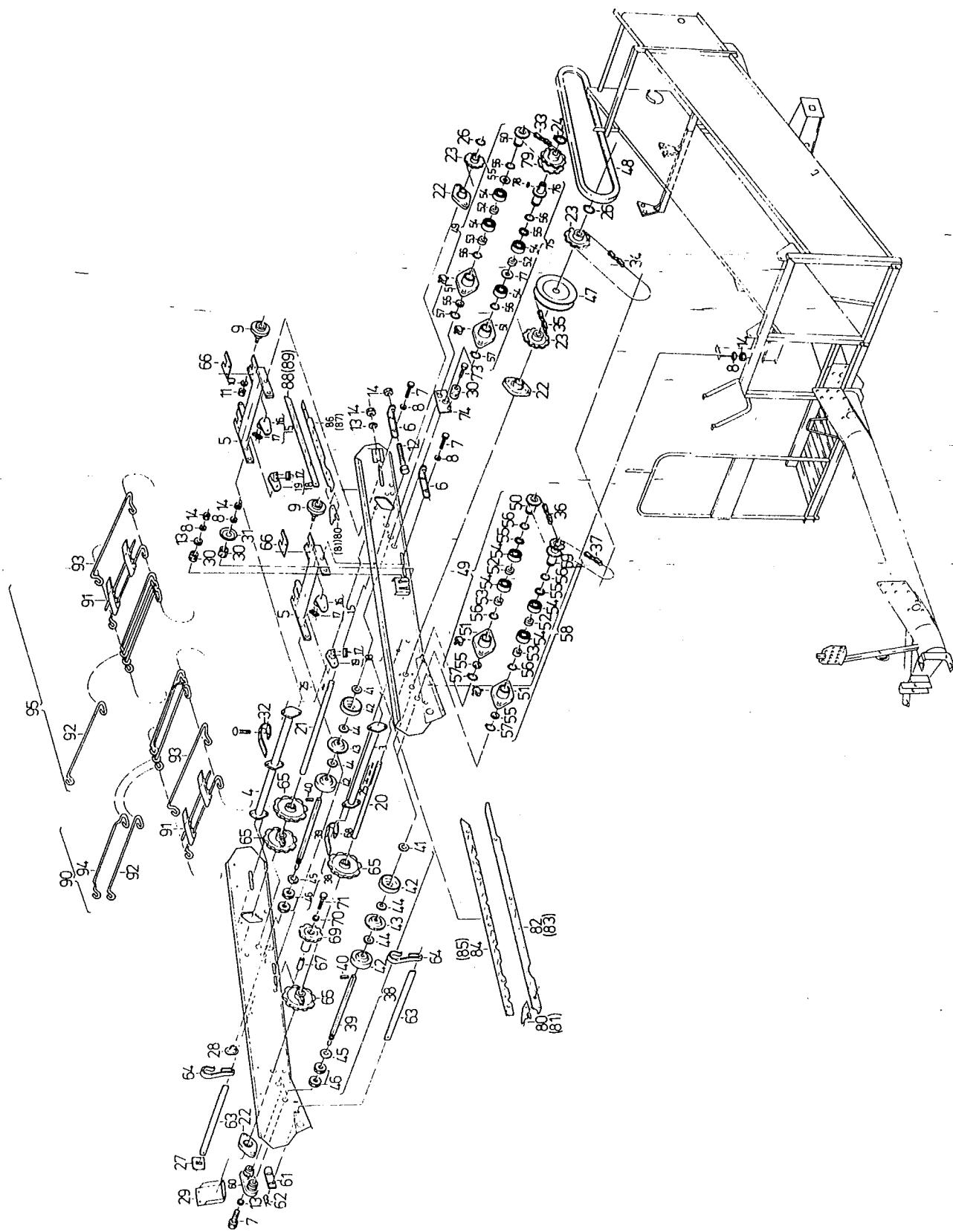
1033

Item No.	Part-Number	Description	Remarks
33	36 Rollers	Roller chain, 1/2" x 5/16"	
34	75 Rollers	Roller chain, 1/2" x 5/16"	
35	234 Rollers	Roller chain, 1/2" x 5/16"	
36	31 Rollers	Roller chain, 1/2" x 5/16"	
37	37 Rollers	Roller chain, 1/2" x 5/16"	
38.1	400.12.060.00	Grading roller unit, 26.5 mm spacing	
38.2	400.12.061.00	Grading roller unit, 31.5 mm spacing	
38.3	400.12.062.00	Grading roller unit, 36.5 mm spacing	
38.4	400.12.063.00	Grading roller unit, 41.5 mm spacing	
39	400.12.060.01	Grading roller shaft	
40	6x40 DIN 1481	Clamping sleeve	
41	23 DIN 125	Disc	
42	000.10.002.05	Cranked grading roll	
43	000.10.002.01	Grading roll	
44	000.10.002.03	Distance-piece	
45	PS 22x30x1	Adjusting disc	
46	M 20 DIN 936	Flat type hexagon nut	
47.1	400.12.050.00	V-belt pulley, 240 mm in dia.	
47.2	400.12.055.00	V-belt pulley, 305 mm in dia.	
48.1	SPB 17 x 4385	V-belt	
48.2	17 x 4325	V-belt	
48.3	17 x 4425	V-belt (305 mm in dia.)	
49	000.10.008.00	Plug-in bearing unit (comprising items 50-57)	
50	000.10.008.02	Inserting shaft	
51	000.10.001.05	Bearing casing	
52	090.54.020.02	Distance tube	
53	000.10.001.07	Distance tube	
54	16006 DIN 625	Ball bearing	
55	16006 IV	Nilos-ring	
56	I 55 DIN 472	Retaining ring	
57	A 30 DIN 471	Retaining ring	
58	000.10.001.00	Plug-in bearing unit (comprising items 51-57 and 59)	
59	000.10.001.02	Inserting shaft	



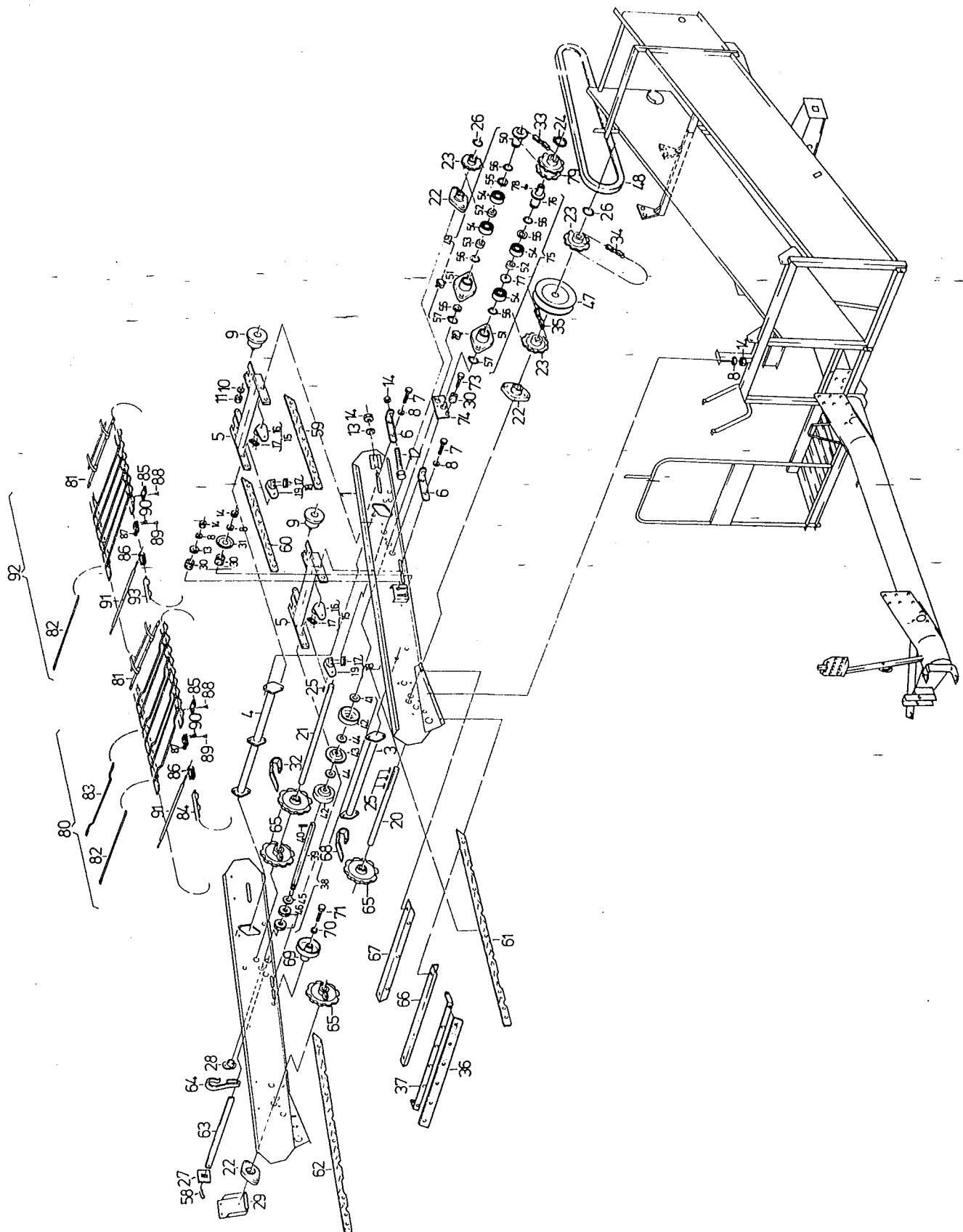
Drawing 15	Sorting belt with grading rollers and cleaning rollers, including knotted chain	1011 1033
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Item No.	Part-Number	Description	Remarks
60	000.10.004.01	Bearing flange	
61	115.67.010.03	Fixing shackle	
62	000.50.200.03	Spring pin, 4 mm in dia.	
63	400.12.000.15	Stripper carrier	
64	000.10.002.07	Stripper spring	
65	000.10.009.00	Chain sprocket, 15 teeth	
66	115.64.030.02	Stripper plate	
67	000.10.000.04	Distance tube	
68	400.63.500.08	Bracket.....	In case of small guard strip only
69	000.10.000.03	Carrying wheel	
70	10.5 DIN 9021	Disc	
71	M10x75 DIN 931	Hexagon head screw	
72	M8x60 DIN 603	Truss head screw	
73	M10x55 DIN 931	Hexagon head screw	
74	400.12.540.00	Washer	
75	000.10.011.00	Bearing block unit (comprising items 76, 77, 51, 52, 54-57)	
76	000.10.011.03	Bearing bolt	
77	Ø 40xØ30x0.3	Adjusting disc	
78	A8x7x18 DIN 6885	Adjusting spring	
79	000.56.000.05	Double chain wheel	
80	113.64.010.03	Deflecting angle, l/h side..	In case of wide guide strip only
81	113.64.010.04	Deflecting angle, r/h side	In case of wide guide strip only
82	400.12.530.01	Guide strip, l/h side (1005 mm long)	
83	400.12.530.02	Guide strip, r/h side (1005 mm long)	
84	401.63.800.01	Guard strip, l/h side (1145 mm long)	
85	401.63.800.02	Guard strip, r/h side (1145 mm long)	
86	400.12.530.03	Guide strip, l/h side (500 mm long)	
87	400.12.530.04	Guide strip, r/h side (500 mm long)	



Drawing 15 Sorting belt with grading rollers and 1011
 cleaning rollers, including knotted chain 1033

Item No.	Part-Number	Description	Remarks
88	401.63.800.03	Guard strip, l/h side (615 mm long)	
89	401.63.800.04	Guard strip, r/h side (615 mm long)	
90	401.63.440.00	Sorting chain assy., 550 mm wide, 103 rods (comprising items 91-93)	
91	100.63.121.00	Stone trap unit	
92	100.63.120.02	Knotted chain rod	
93	100.63.120.01	Double rod	
94	000.05.012.04	Cranked knotted chain rod	
95	401.63.445.00	Sorting chain assy., 550 mm wide, 62 rods (comprising items 91-93)	



Drawing 16 Sorting belt without grading rollers, but 1011
 with cleaning rollers and rubber belt chain 1033

Item No,	Part-Number	Description	Remarks
1	401.63.011.00	Sorting belt cross member, left-hand side	
2	401.63.012.00	Sorting belt cross member, right-hand side	
3	400.12.013.00	Cross connecting rod	
4	401.63.014.00	Cross connecting rod	
5	400.12.030.00	Sorting belt tensioning frame	
6	112.63.010.01	Shiftable turnbuckle	
7	M10x20 DIN 933	Hexagon head screw	
8	A 10 DIN 127	Spring ring	
9	000.03.001.00	Separating belt roller unit	
10	A 21 DIN 6797	Toothed disc	
11	M 20 DIN 936	Flat type hexagon nut	
12	112.63.050.00	Clamping bolt	
13	10.5 DIN 9021	Disc	
14	M 10 DIN 555	Hexagon nut	
15	000.50.020.00	Stripper unit (comprising <u>items 16 and 17</u>)	
16	000.50.020.01	Stripper	
17	000.50.010.02	Stripper rubber	
18	000.50.010.00	Stripper unit (comprising items 19 and 17)	
19	000.50.010.01	Stripper	
20	400.12.000.01	Sorting belt shaft	
21	401.63.000.02	Coupling shaft	From 1985 incl.
22	112.63.010.08	Flange bearing	
23	090.63.040.00	Chain sprocket, 1/2", 25 teeth	
24	A 30 DIN 471	Retaining ring	
25	A8x7x22 DIN 6885	Adjusting spring	
26	A 25 DIN 471	Retaining ring	
27	400.12.530.05	Fixing shackle	
28	000.10.004.03	Bearing flange	
29	113.63.010.25	Bearing cover	
30	000.50.000.05	Clamping block	
31	000.50.000.15	Flanged-coupling pulley	
32	400.56.500.05	Bracket	

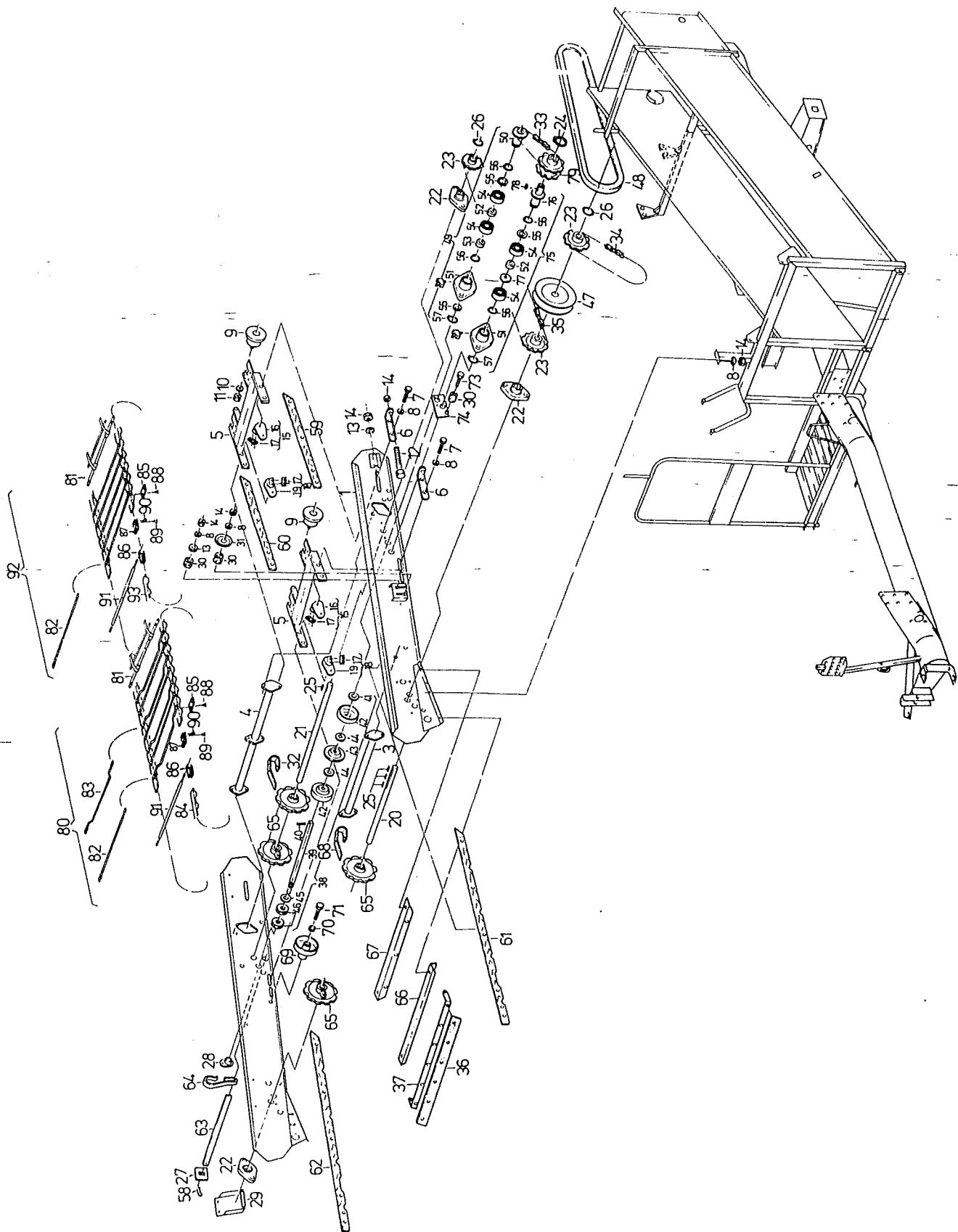
Bildtafel 16 Verleseband ohne Sortierung mit Reinigungswalze und Gummigurtkette

1011

Drawing 16 Picking table without grading rollers, with cleaning rollers and rubber belt chain

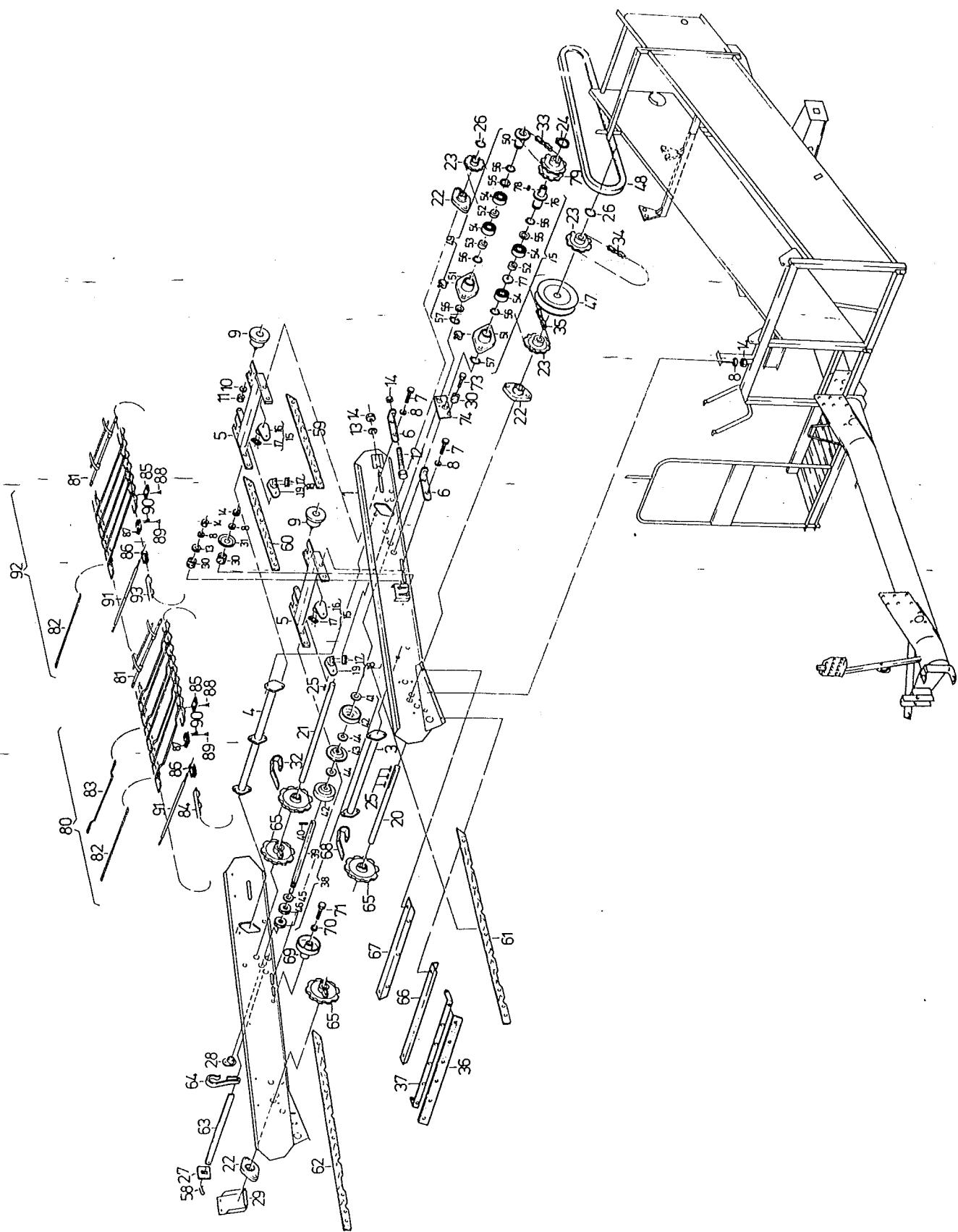
1033

Planche 16 Table de visite sans calibreur, avec rouleaux nettoyeurs et chaîne à bandes caoutchouc



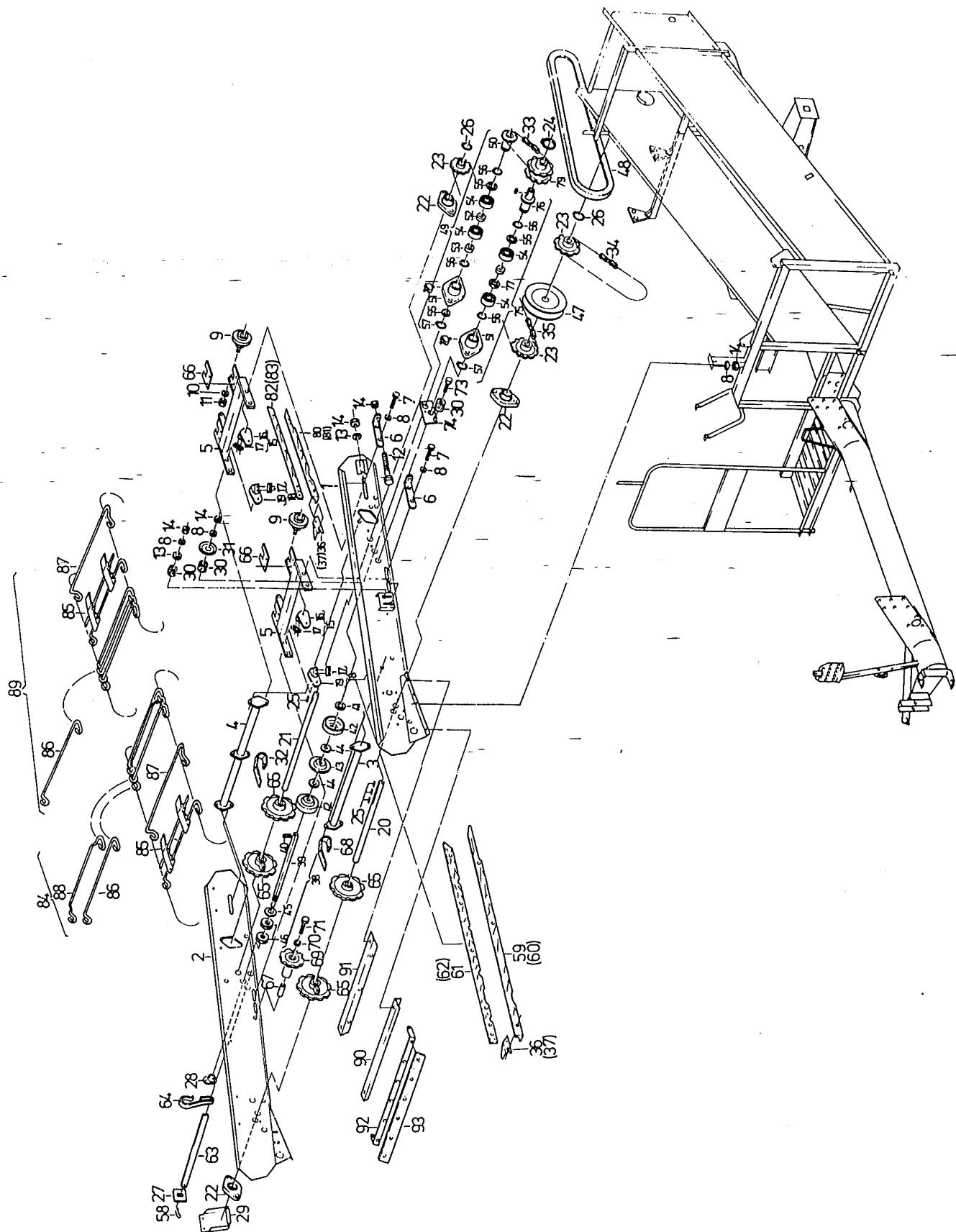
Drawing 16 Sorting belt without grading rollers, but 1011
 with cleaning rollers and rubber belt chain 1033

Item No.	Part-Number	Description	Remarks
33	36 Rollers	Roller chain, 1/2" x 5/16"	
34	75 Rollers	Roller chain, 1/2" x 5/16"	
35	251 Rollers	Roller chain, 1/2" x 5/16"	
36	401.63.300.04	Locking rubber	
37	401.63.300.03	Locking brace	
38.1	400.12.060.00	Cleaning roller unit, 26.5 mm spacing	
38.2	400.12.061.00	Cleaning roller unit, 31.5 mm spacing	
38.3	400.12.062.00	Cleaning roller unit, 36.5 mm spacing	
38.4	400.12.062.00	Cleaning roller unit, 41.5 mm spacing	
39	400.12.063.00	Clearing roller shaft	
40	6x40 DIN 1481	Clamping sleeve	
41	23 DIN 125	Disc	
42	000.10.002.05	Cleaning roll, cranked	
43	000.10.002.01	Cleaning roll	
44	000.10.002.03	Distance piece	
45	PS 22x30x1	Adjusting disc	
46	M20 DIN 936	Flat type hexagon nut	
47.1	400.12.050.00	V-belt pulley; 240 mm in dia.	
47.2	400.12.055.00	V-belt pulley, 305 mm in dia.	
48	SPB 17 x 4635	V-belt	
49	000.10.008.00	Plug-in bearing-unit (comprising items 50-57)	
50	000.10.008.02	Inserting shaft	
51	000.10.001.05	Bearing casing	
52	090.54.020.02	Distance tube	
53	000.10.001.07	Distance tube	
54	16006 DIN 625	Ball bearing	
55	16006 IV	Nilos-seal ring	
56	I 55 DIN 472	Retainig ring	
57	A30 DIN 471	Retaining ring	
58	000.05.200.03	Spring pin, 4 mm in dia.	
59	401.63.800.03	Guard strip, l/h side (615 mm long)	
60	401.63.800.04	Guard strip, r/h side (615 mm long)	
61	401.63.850.01	Guard strip, l/h side (1260 mm long)	
62	401.63.850.02	Guard strip, r/h side (1260 mm long)	



Drawing 16 Sorting belt without grading rollers, but
 with cleaning rollers and rubber belt chain 1011
 1033

Item No.	Part-Number	Description	Remarks
63	400.12.000.15	Stripper carrier	
64	000.10.002.07	Stripper spring	
65	000.10.010.00	Chain sprocket, 12 teeth	
66	400.12.000.18	Front cross angle plate	
67	400.12.000.13	Rear cross angle plate	
68	401.63.700.03	Bracket	
69	000.10.000.05	Carrying roll	
70	10.5 DIN 9021	Disc	
71	M10x60 DIN 931	Hexagon head screw	
72			
73	M10x55 DIN 931	Heagon head screw	
74	400.12.54.00	Distance plate unit	
75	000.10.001.00	Bearing block unit (comprising items 76, 77, 51, 52, 54-57)	
76	000.10.001.03	Bearing bolt	
77	Ø40xØ30x0.3	Adjusting seal ring	
78	A8x7x18 DIN 6885	Adjusting spring	
79	000.56.000.05	Double chain wheel	
80	401.63.890.00	Sorting chain unit, 550 mm wide, 101 rods (comprising items 81-91)	
81	400.63.511.00	Stone trap unit	
82	000.05.009.01	Sorting chain rod	
83	000.05.009.06	Sorting chain rod, cranked	
84	401.63.890.01	Sorting belt strap	
85	000.05.003.02	Sorting chain shackle	
86	000.05.003.03	Lock half, male	
87	000.05.003.04	Lock half, female	
88	Ø4x19 DIN 661	Countersunk rivet	
89	Ø4x22 DIN 661	Countersunk rivet	
90	Ø4x26 DIN 661	Countersunk rivet	
91	000.05.009.02	Cross connecting rod	
92	401.63.845.00	Sorting chain assy., 550 mm wide, 54 rods (comprising items 93, 81, 82, 85-91)	
93	401.63.845.01	Sorting belt strap	



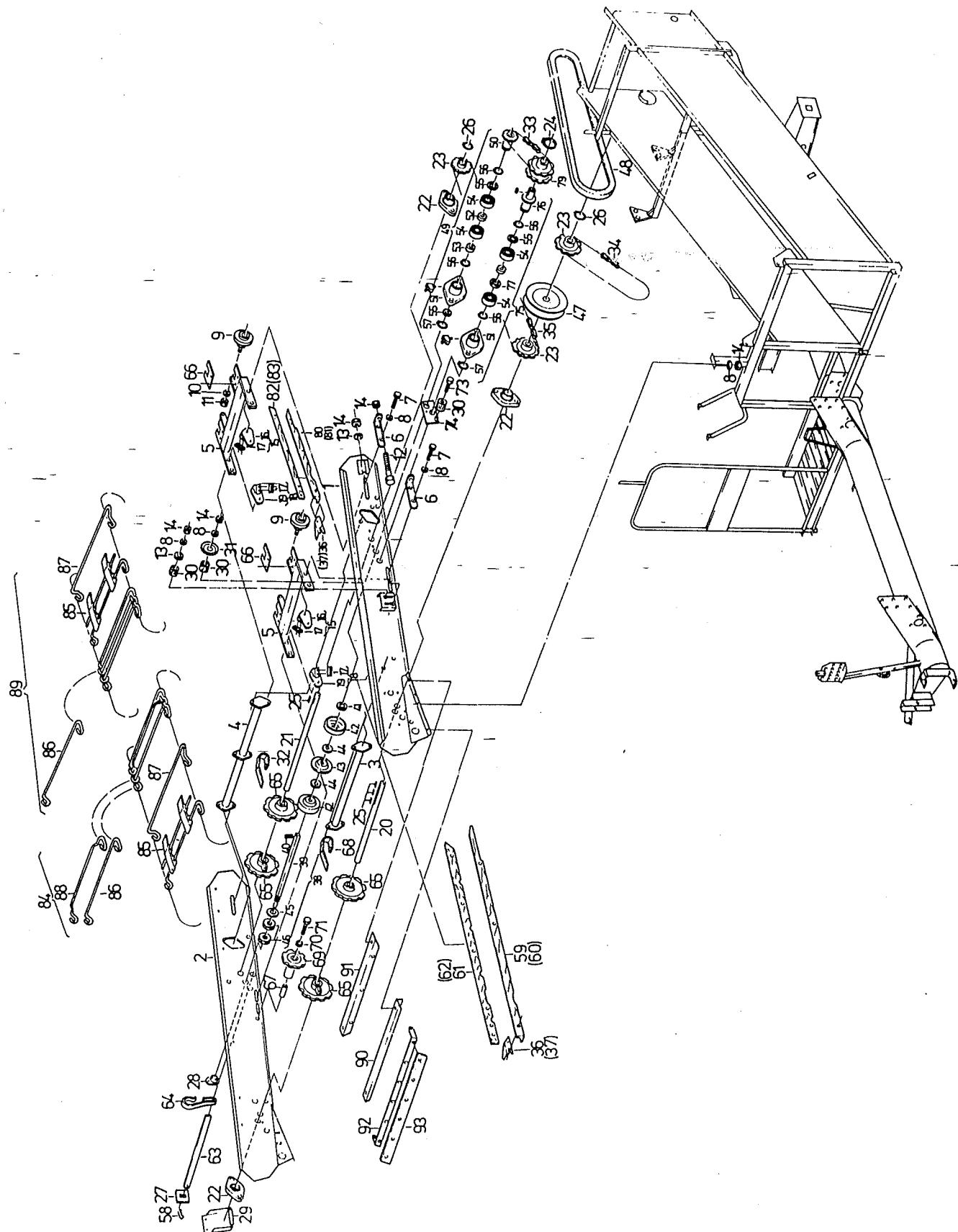
Drawing 17

Sorting belt without grading rollers, but
with cleaning rollers and knotted chain

1011

1033

Item No.	Part-Number	Description	Remarks
1	401.63.001.00	Sorting belt cross member, left-hand side	
2	401.63.012.00	Sorting belt cross member, right-hand side	
3	400.12.013.00	Cross connecting rod	
4	401.63.014.00	Cross connecting rod	
5	400.12.030.00	Sorting belt tensioning frame	
6	112.63.010.01	Shiftable turnbuckle	
7	M10x20 DIN 933	Hexagon head screw	
8	A 10 DIN 127	Spring ring	
9	000.10.005.00	Deviating roller unit	
10	A21 DIN 6797	Toothed disc	
11	M 20 DIN 936	Flat type hexagon nut	
12	112.63.050.00	Clamping bolt	
13	10.5 DIN 9021	Washer	
14	M 10 DIN 555	Hexagon nut	
15	000.50.020.00	Stripper unit (comprising items 16 and 17)	
16	000.50.020.01	Stripper	
17	000.50.010.02	Stripper rubber	
18	000.50.010.00	Stripper unit (comprising items 19 and 17)	
19	000.50.010.01	Stripper	
20	400.12.000.01	Sorting belt shaft	
21	401.63.000.02	Coupling shaft	From 1985 incl
22	112.63.010.08	Flange bearing	
23	090.63.040.00	Chain sprocket, 1/2", 25 teeth	
24	A 30 DIN 471	Retaining ring	
25	A8x7x22 DIN 6885	Adjusting ring	
26	A 25 DIN 471	Retaining ring	
27	400.12.530.05	Fixing shackle	
28	000.10.004.03	Bearing flange	
29	113.63.010.25	Bearing cover	
30	000.50.000.05	Clamping block	
31	000.50.000.16	Flanged-coupling pulley	
32	400.56.500.05	Bracket	In case of small guard strip only



Drawing 17 Sorting belt without grading rollers, but
 with cleaning rollers and knotted chain 1011
 1033

Item No.	Part-Number	Description	Remarks
33	36 Rollers	Roller chain, 1/2" x 5/16"	
34	75 Rollers	Roller chain, 1/2" x 5/16"	
35	251 Rollers	Roller chain, 1/2" x 5/16"	
36	113.64.010.03	Deflecting angle plate, left	Only in case of wide guide strip
37	113.64.010.04	Deflecting angle plate, right	Only in case of wide guide strip
38.1	400.12.060.00	Cleaning roller unit, 26.5 mm spacing	
38.2	400.12.061.00	Cleaning roller unit, 31.5 mm spacing	
38.3	400.12.062.00	Cleaning roller unit, 36.5 mm spacing	
38.4	400.12.063.00	Cleaning roller unit, 41.5 mm spacing	
39	400.12.060.01	Cleaning roller shaft	
40	6x40 DIN 1481	Clamping sleeve	
41	23 DIN 125	Disc	
42	000.10.002.05	Cleaning disc, cranked	
43	000.10.002.01	Cleaning disc	
44	000.10.002.03	Spacer	
45	PS 22x30x1	Adjusting seal ring	
46	M20 DIN 936	Flat type hexagon nut	
47.1	400.12.050.00	V-belt pulley, 240 mm in dia.	
47.2	400.12.055.00	V-belt pulley, 305 mm in dia.	
48	SPB 17x4635	V-belt	
49	000.10.008.00	Plug-in bearing unit (comprising items 50-57)	
50	000.10.008.02	Inserting shaft	
51	000.10.001.05	Bearing casing	
52	090.54.020.02	Distance tube	
53	000.10.001.07	Distance tube	
54	16006 DIN 625	Ball bearing	
55	16006 IV	Nilos-seal ring	
56	I 55 DIN 472	Retaining ring	
57	A 30 DIN 471	Retaining ring	
58	000.050.200.03	Spring pin, 4 mm in dia	
59	401.63.450.01	Guide strip, l/h side (1140 mm long)	

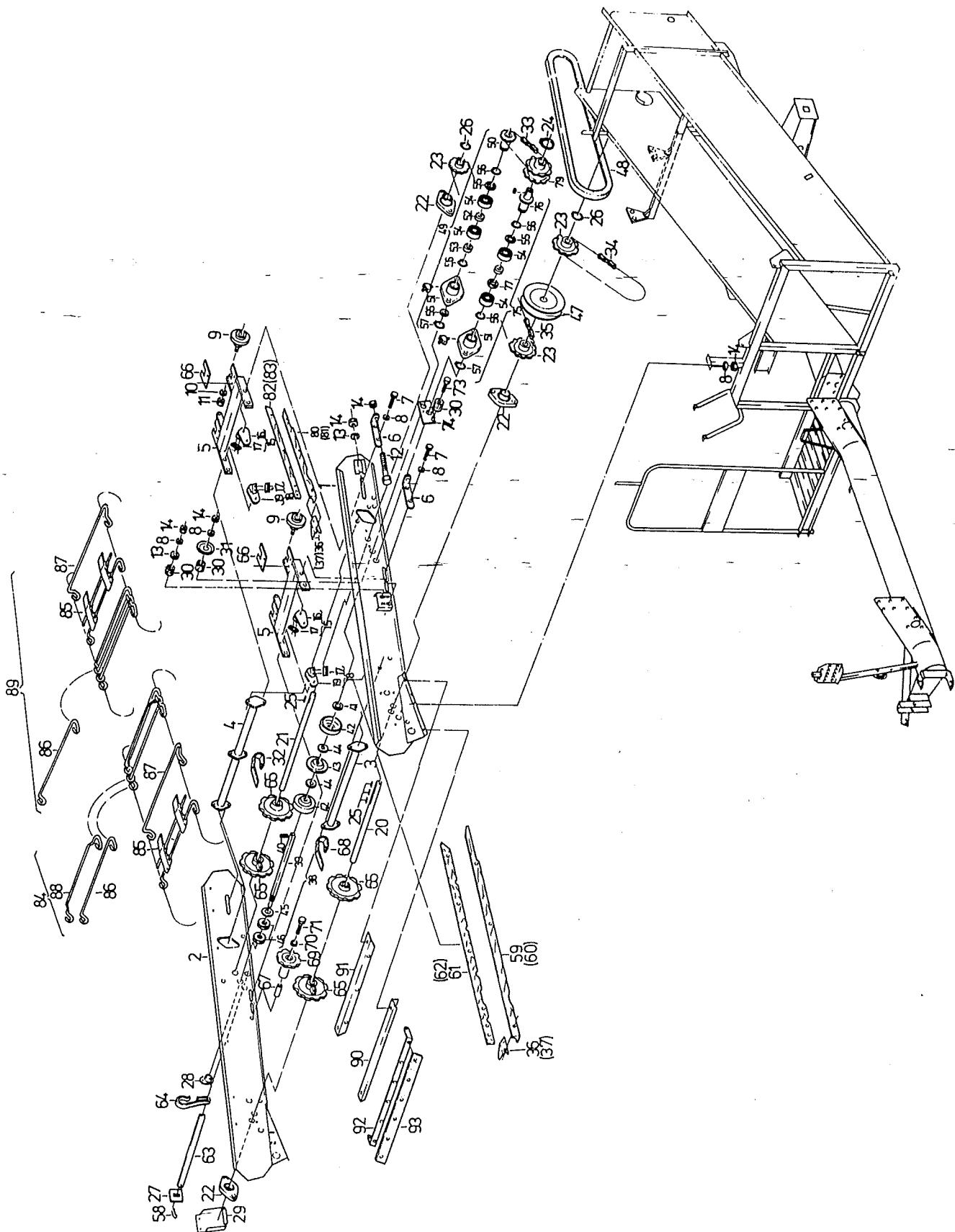
Bildtafel 17 Verleseband ohne Sortierung mit Reinigungswalze und Knotenkette

1011

Drawing 17 Picking table without grading rollers, with cleaning rollers and knotted chain

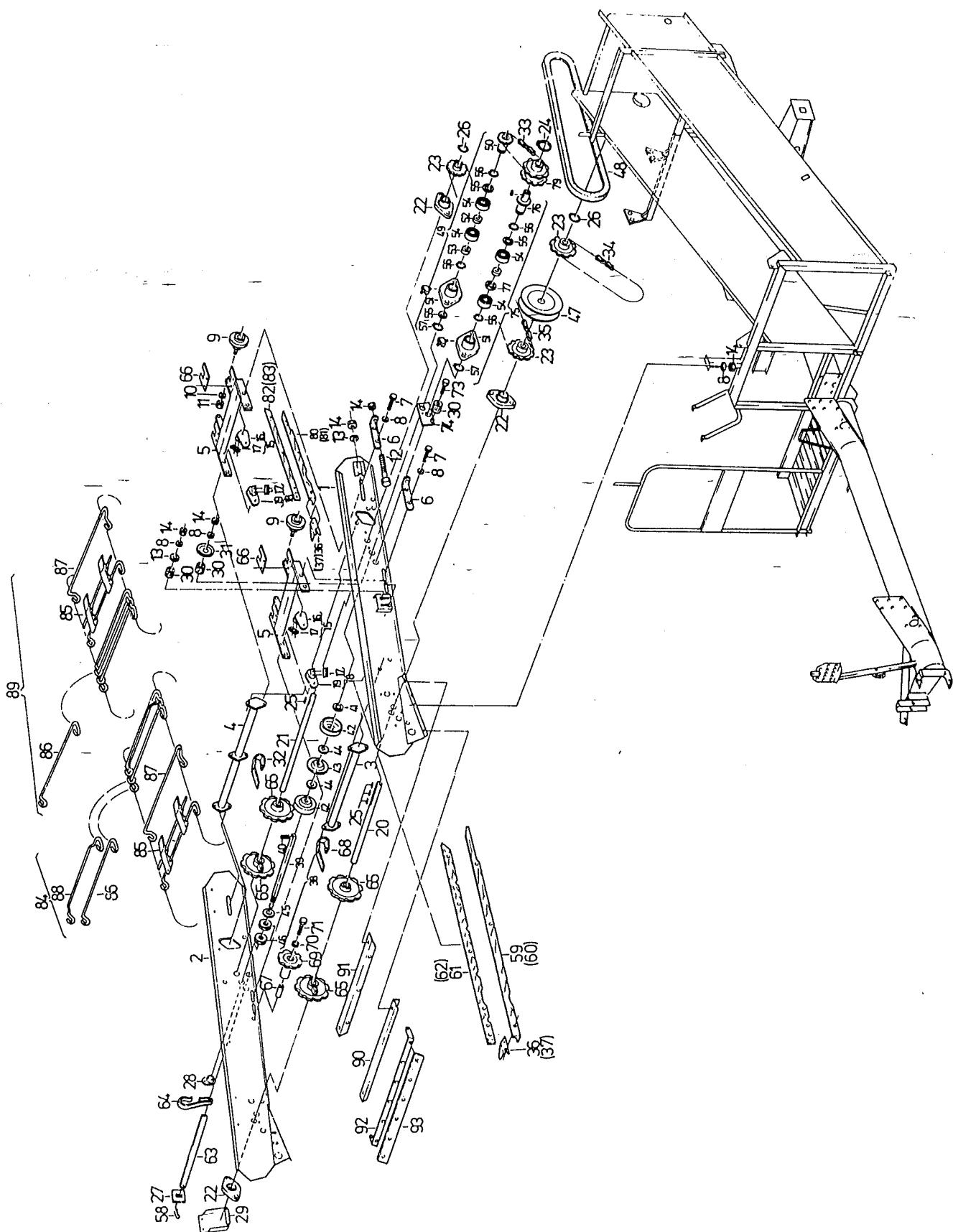
1033

Planche 17 Table de visite sans calibreur, avec rouleaux nettoyeurs et chaîne nouée



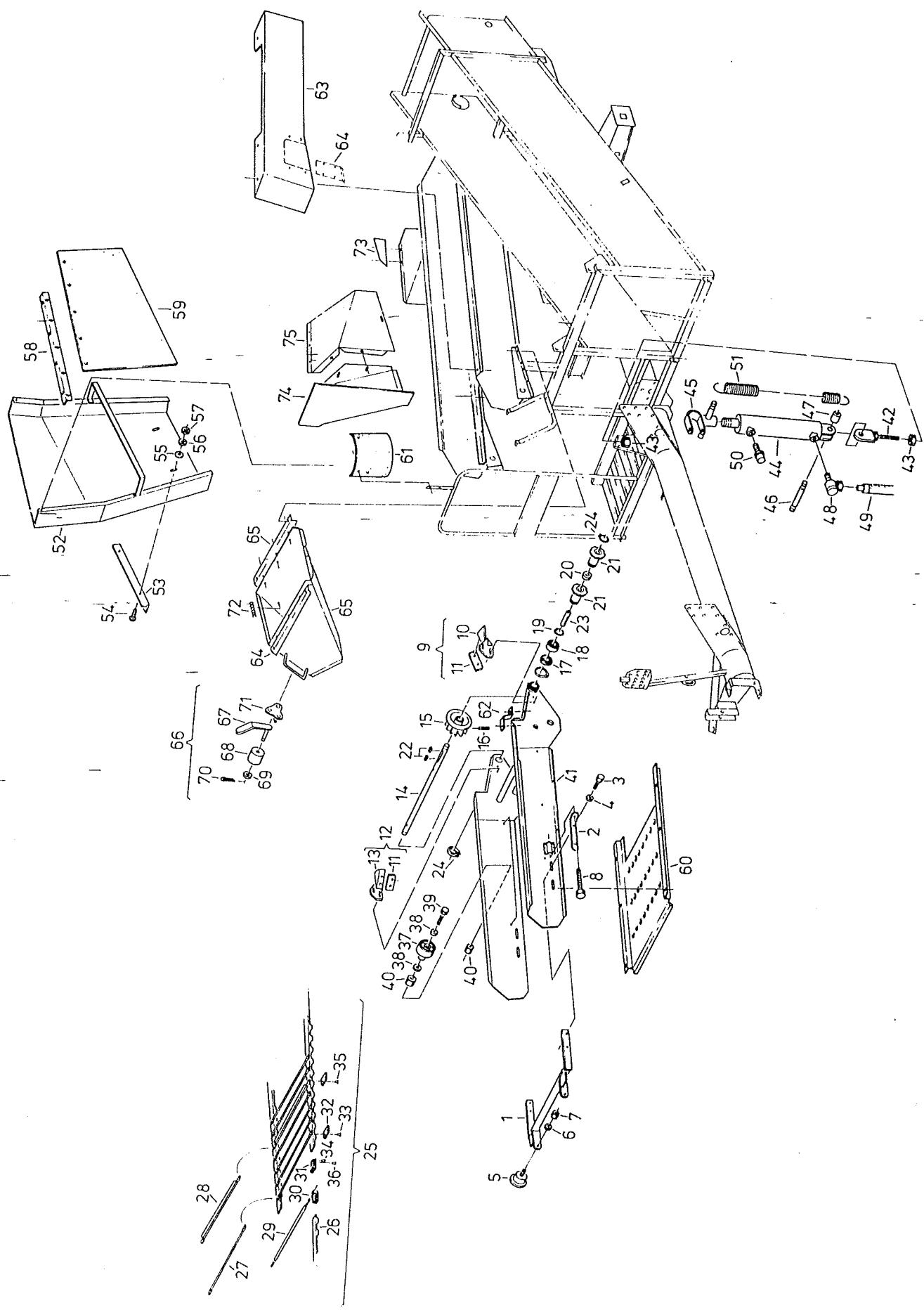
Drawing 17 Sorting belt without grading rollers, but 1011
 with cleaning rollers and knotted chain 1033

Item No.	Part-Number	Description	Remarks
60	401.63.450.02	Guide strip, r/h side (1140 mm long)	
61	401.63.850.01	Guard strip, l/h side (1260 mm long)	
62	401.63.850.02	Guard strip, r/h side (1260 mm long)	
63	400.12.000.15	Stripper carrier	
64	000.12.002.07	Stripper spring	
65	000.10.009.00	Chain sprocket, 15 teeth	
66	115.64.030.02-	Stripper plate	
67	000.10.000.04	Distance tube	
68	401.63.700.03	Bracket	In case of small guard strip only
69	000.10.000.03	Carrying wheel	
70	10.5 DIN 9021	Washer	
71	M10x75 DIN 931-	Hexagon head screw	
72			
73	M10x55 DIN 931	Hexagon head screw	
74	400.12.540.00	Distance plate unit	
75	000.12.011.00	Bearing block unit (comprising items 76, 77, 51, 52, 54-57)	
76	000.10.011.03	Bearing bolt	
77	Ø40xØ30x0.3	Adjusting seal ring	
78	A8x7x18 DIN 6885	Adjusting spring	
79	000.56.000.05	Double chain wheel	
80	400.12.530.03	Guide strip, l/h side (500 mm long)	
81	400.12.530.04	Guide strip, r/h side (500 mm long)	
82	401.63.800.03	Guard strip, l/h side (615 mm long)	
83	401.63.800.04	Guard strip, r/h side (615 mm long)	
84	401.63.490.00	Sorting chain assy., 550 mm wide, 114 rods (comprising items 85-88)	
85	100.63.121.00	Stone trap unit	
86	100.63.120.02	Knotted chain rod	
87	100.63.120.01	Double rod	
88	000.05.012.04	Knotted chain rod, cranked	
89	401.63.445.00	Sorting chain assy., 550 mm wide, 62 rods (comprising items 85-87)	

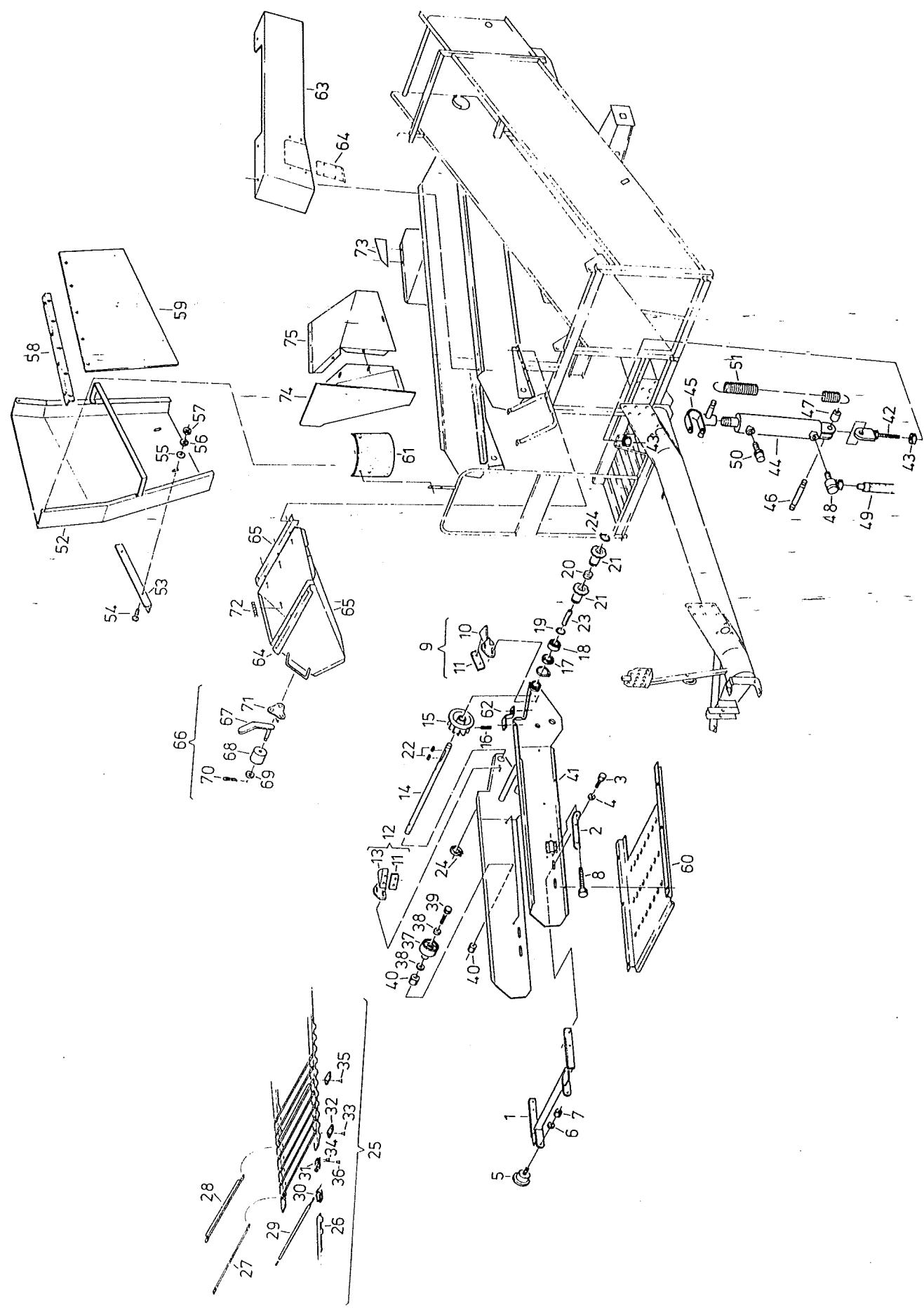


Drawing 17 Sorting belt without grading rollers, but
with cleaning rollers and knotted chain 1011
 1033

Item No.	Part-Number	Description	Remarks
90	400.12.000.18	Cross angle plate, front	
91	400.12.000.13	Cross angle plate, rear	
92	401.63.300.03	Locking brace	
93	401.63.300.04	Locking rubber	



Item No.	Part-Number	Description	Remarks
1	400.12.040.00	Elevator tensioning frame	
2	112.83.010.01	Shiftable turnbuckle	
3	M10x20. DIN 933	Hexagon head screw	
4	A 10 DIN 127	Spring ring	
5	000.03.001.00	Separating belt roller unit	
6	A21 DIN 6797	Toothed disc	
7	M20 DIN 936	Flat type hexagon nut	
8	112.63.050.00	Clamping bolt	
9	000.50.020.00	Stripper unit (comprising items 10 and 11)	
10	000.50.020.01	Stripper	
11	000.50.010.02	Stripper rubber	
12	000.50.010.00	Stripper unit (comprising items 13 and 11)	
13	000.50.010.01	Stripper	
14	400.12.000.03	Bunker elevator shaft	
15	090.60.013.02	Drive wheel	
16	8x60 DIN 1481	Clamping sleeve	
17	25x52x4, LSTO	Nilos-seal ring	
18	6205 - 2 RS DIN 625	Ball bearing	
19	I- 52 DIN 472	Retaining ring	
20	000.62.000.01	Distance tube	
21	090.63.000.23	Chain sprocket, 1/2", 15 teeth	
22	A8x7x22 DIN 6885	Adjusting spring	
23	100.60.010.01	Distance tube	
24	A 25 DIN 471	Retaining ring	
25.1	400.12.080.00	Elevator chain unit, 95 rods, (comprising items 26.1-36)	
25.2	400.12.085.00	Elevator chain unit, 88 rods (comprising items 26.2-36)	
26.1	400.12.080.01	Elevator belt, 95 rods	
26.2	400.12.085.01	Elevator belt, 88 rods	
27	000.05.115.01	Elevator belt rod	
28	000.05.115.07/08	Catch rod unit with profile	
29	000.05.115.06	Connecting rod	
30	000.05.003.03	Lock half, male	
31	000.05.003.04	Lock half, female	
32	000.05.003.02	Shackle	

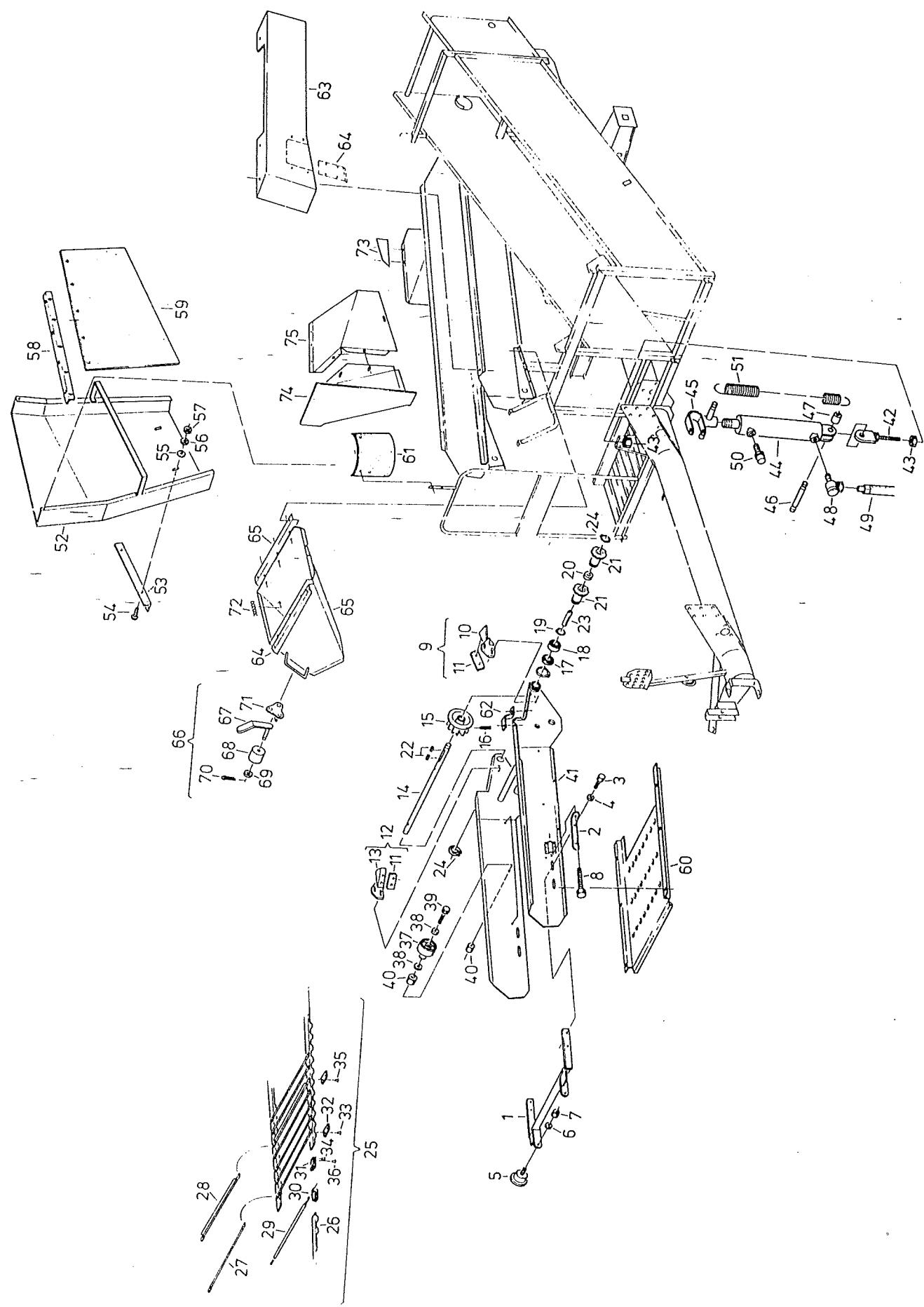


Drawing 18 Bunker elevator with chute

1011

1033

Item No.	Part-Number	Description	Remarks
33	Ø4x19 DIN 661	Countersunk rivet	
34	Ø4x28 DIN 661	Countersunk rivet	
35	Ø4x22 DIN 661	Countersunk rivet	
36	Ø4x26 DIN 661	Countersunk rivet	
37	000.10.000.05	Carrying roll	
38	10.5 DIN 9021	Washer	
39	M10x60 DIN 931	Hexagon head screw	
40	M 10 DIN 555	Hexagon nut	
41	400.12.020.00	Bunker elevator frame	
42	113.84.122.00	Adjusting bolt	
43	M 16 DIN 555	Hexagon nut	
44	400.12.071.00	Lifting cylinder	
45	400.12.073.00	Cylinder head	
46	113.84.120.02	Spring bolt	
47	113.84.120.03	Distance tube	
48	ERMETO SWVE 12 - SM	Swivel joint	
49	112.74.000.02	Hydraulic hose, 12 mm in dia, 500 mm long	
50	EV 1001-05.00	Relief valve, M 18 x 1.5	
51	400.12.070.01	Tension spring	
52	400.12.130.00	Impurity funnel	
53	400.12.000.10	Fixing angle strip	
54	M8x16 DIN 603	Truss head screw	
55	8.4 DIN 125	Washer	
56	A 8 DIN 127	Spring ring	
57	M 8 DIN 555	Hexagon nut	
58	400.12.000.11	Overfilling guard carrier	
59	400.12.000.12	Guard panel	
60	400.12.170.00	Retaining board	
61	400.12.000.20	Covering rubber	
62	400.12.000.21	Covering rubber	
63	400.12.110.00	Longitudinal guard hood	

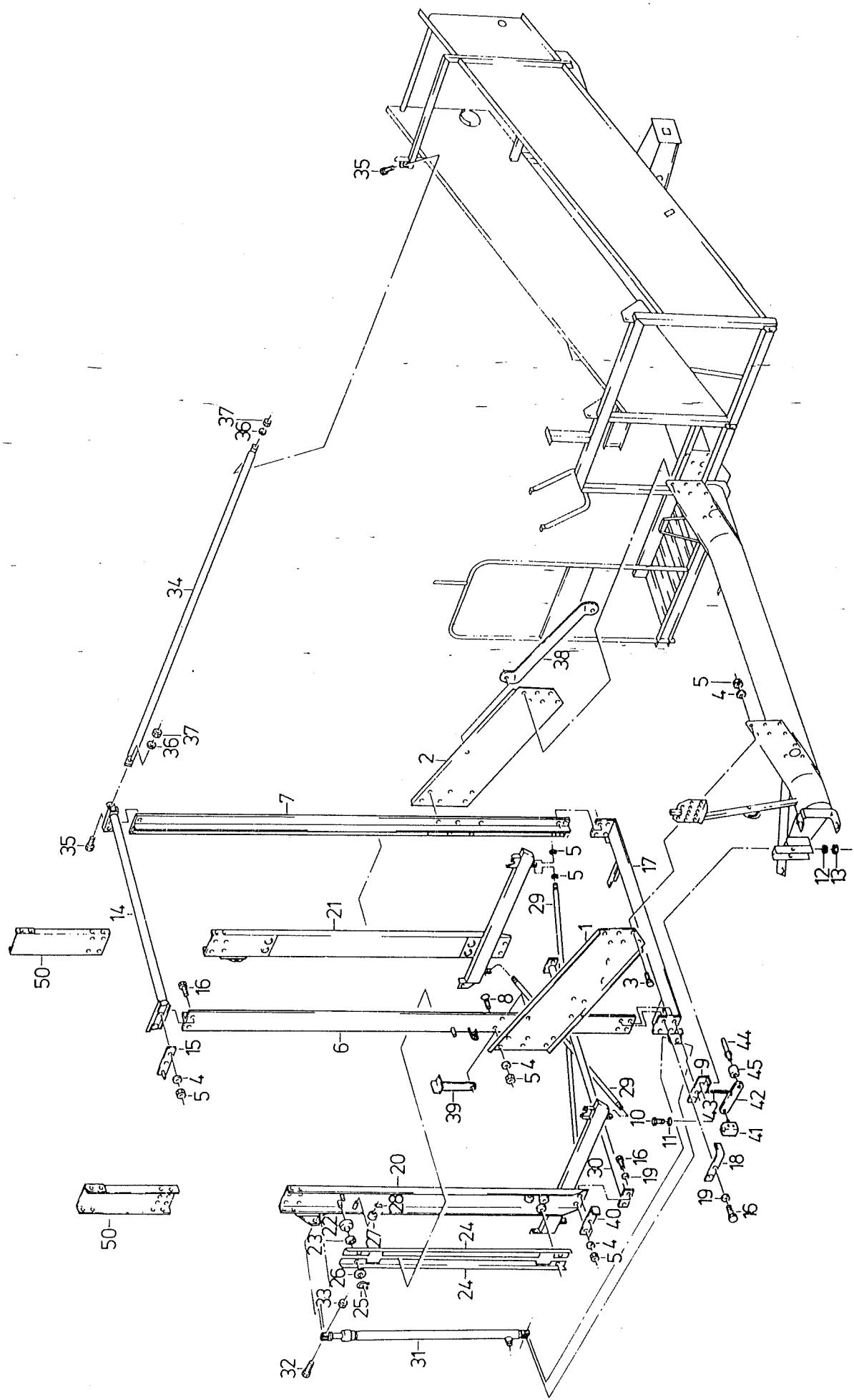


Drawing 18 Bunker elevator with chute

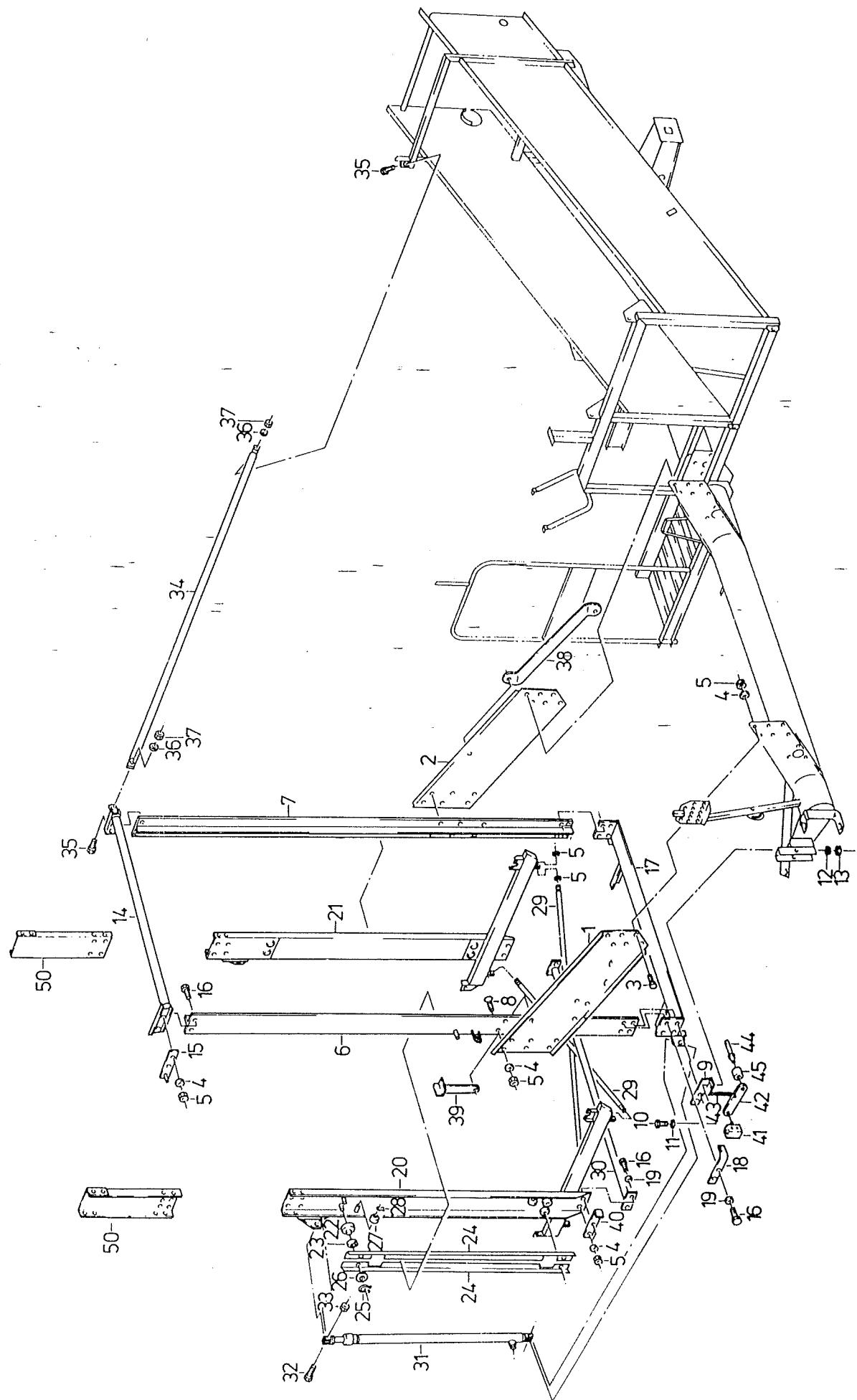
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Item No.	Part-Number	Description	Remarks
63	401.63.170.00	Longitudinal guard hood	Only in case of machines with sorting belt drive
64	401.63.160.05	Cover plate	Ditto
65	401.63.245.00	Bagging box	
66	000.13.010.00	Bag clamping unit (comprising items 67-71)	
67	000.13.011.00	Lever	
68	000.13.010.02	Rubber roll	
69	10.5 DIN 125	Shim	--
70	3 x 20 DIN 94	Split pin	
71	000.13.010.01	Cast iron flange	
72	170.60.000.06	Pressure spring	
73	402.56.000.02	Detachable sheet metal plate	
74	402.56.030.00	Chute	
75	402.56.000.03	Deflecting plate	



Item No.	Part-Number	Description	Remarks
1	400.73.000.01	Supporting arm, front	
2	400.73.000.02	Supporting arm, rear	
3	M10x30 DIN 933	Hexagon head screw	
4	A 10 DIN 127	Spring ring	
5	M 10 DIN 555	Hexagon nut	
6	401.73.100.00	Running rail, front	
7	400.73.000.04	Running rail, rear	
8	M10x30 DIN 7991	Countersunk screw	
9	400.73.000.15	Fixing angle plate	
10	M12x35 DIN 931	Hexagon screw	
11	13 DIN 125	Washer	
12	A 12 DIN 127	Spring ring	
13	M 12 DIN 555	Hexagon nut	
14	400.73.010.00	Upper cross connecting rod	
15	400.73.080.00	Shackle unit	
16	M10x40 DIN 931	Hexagon head screw	
17	401.73.020.00	Cross connecting rod	
18	400.73.000.17	Ball tap carrying plate	
19	10.5 DIN 9021	Washer	
20	401.73.030.00	Lifting frame side panel	
	402.73.030.00	Lifting frame side panel, front (only for machines with hydraulic vertical adjustment device)	
21	401.73.040.00	Lifting frame side panel, rear	
	402.73.040.00	Lifting frame side panel, rear (only for machines with hydraulic vertical adjustment device)	
22	INA-LR5206 KDDU	Running wheels	
23	000.63.000.01	Distance tube	
24	400.73.000.06	Cover strip	
25	A30 DIN 471	Retaining ring	
26	PS30x42x1 DIN 988	Adjusting seal ring	
27	INA-LR 5204 KDDU	Running wheel	



Drawing 19

Bunker lifting frame with accessories

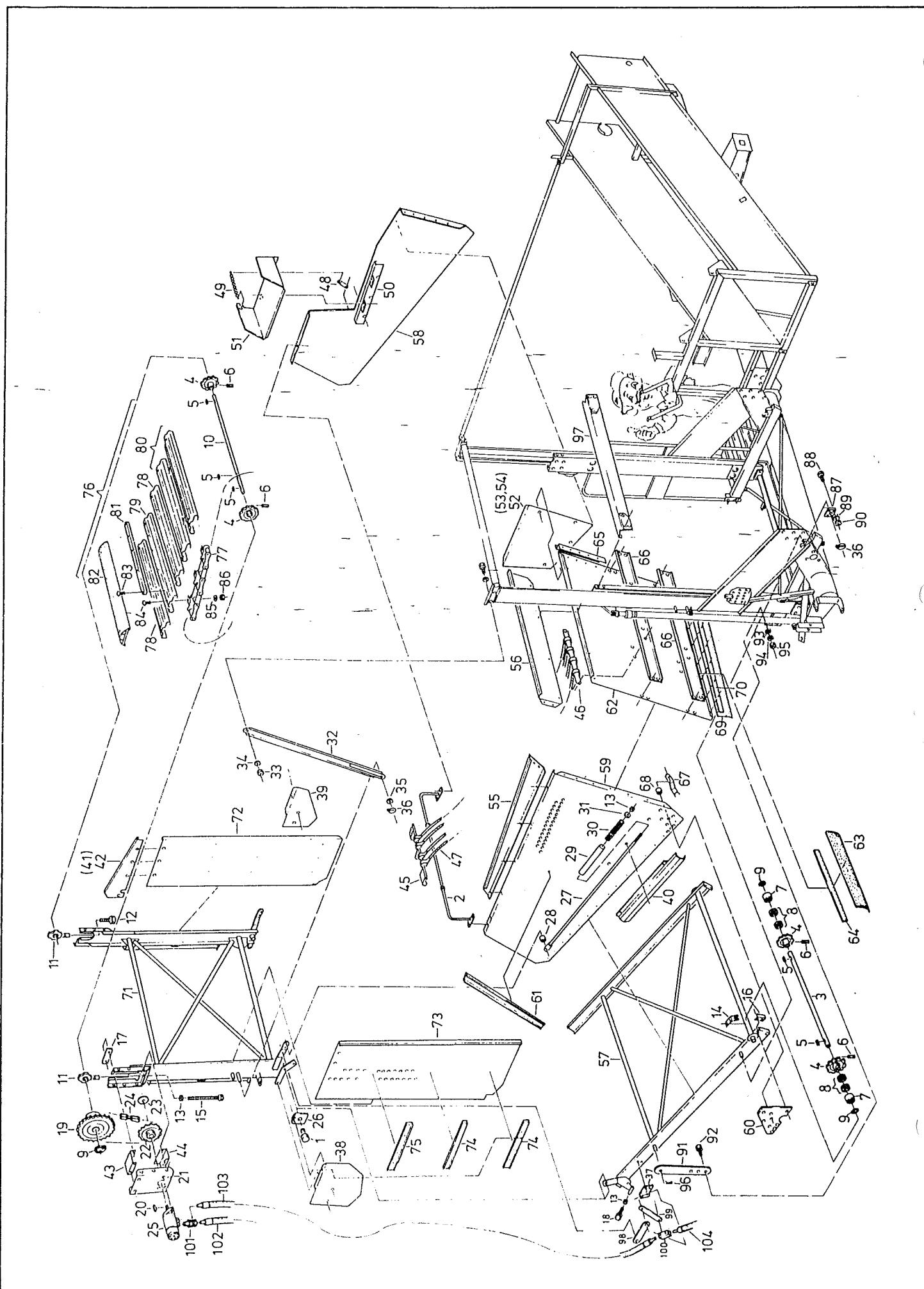
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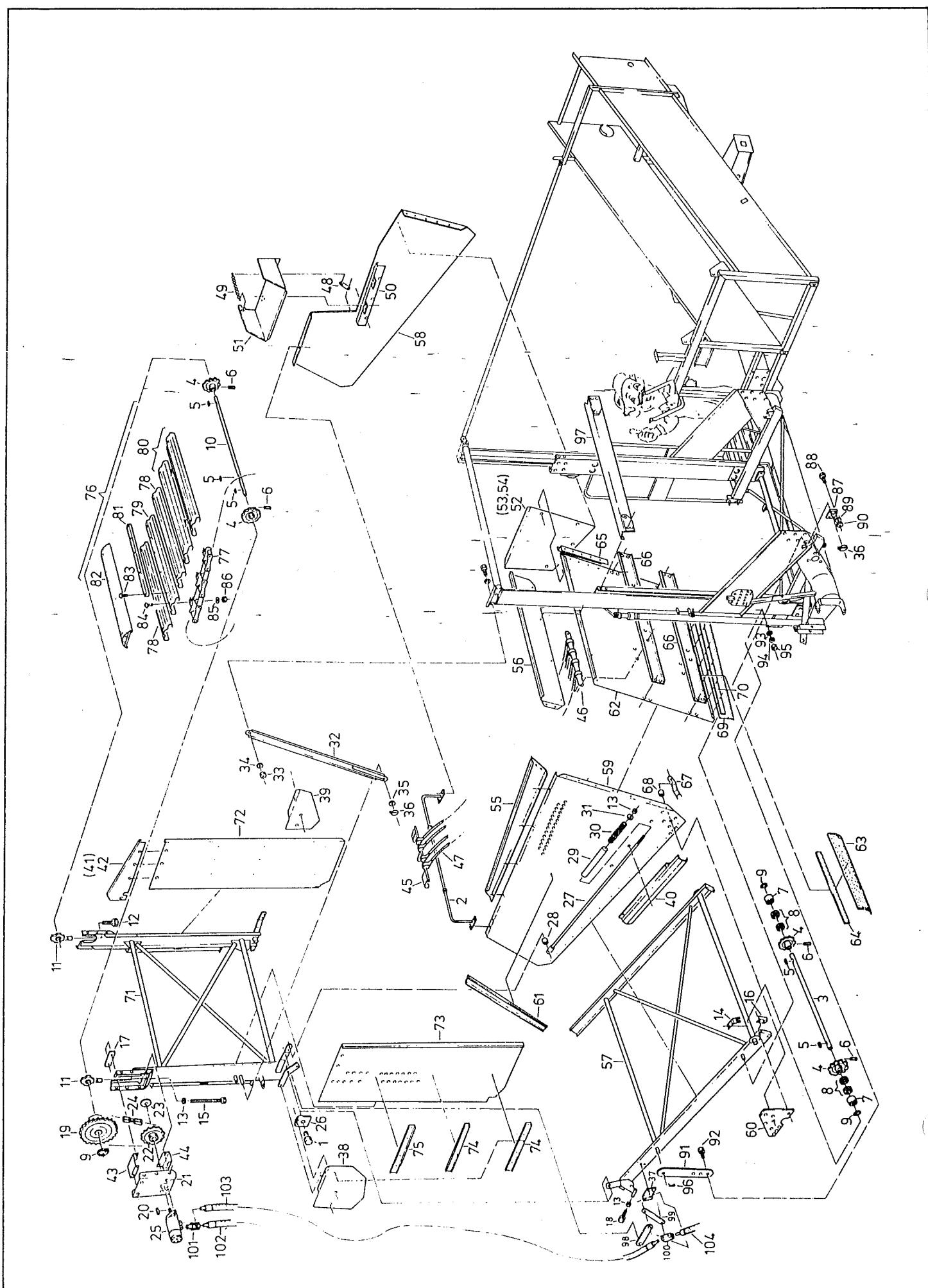
Item No.	Part-Number	Description	Remarks
28	A 20 DIN 471	Retaining ring	
29	400.73.000.12	Diagonal strut	
30	400.73.050.00	Lifting frame connecting panel	
31	400.73.060.00	Lifting cylinder	
32	M16x45 DIN 931	Hexagon head screw	
33	M 16 DIN 985	<u>Self-locking hexagon nut</u>	
34	400.73.000.09	Strut, top	
35	M16x30 DIN 933	Hexagon head screw	
36	A 16 DIN 127	Spring ring	
37	M 16 DIN 555	Hexagon head screw	
38	400.73.000.10	Strut, bottom	
39	400.73.070.00	Bunker securing bolt	
40	400.73.000.18	Stop angle plate	
41	HK-12L	Hydraulic ball tap, M18x1.5	
42	400.78.000.23	Valve lever	
43	6204 - 4	Tension spring	
44	400.78.000.24	Roller bolt	
45	400.78.000.25	Running roll	

Special Accessories

- 50 401.73.090.00 Roll carrier extension (378 mm long)
50 401.71.180.00 Roll carrier extension (900 mm long)
(Only for machines with bagging device
in the unloading hopper)



Item No.	Part-Number	Description	Remarks
1	090.71.000.01	Joint bolt	
2	170.71.090.00	Bunker cross connection rod	
3	173.71.000.21	Deviating roller shaft	
4	113.71.000.21	Drive wheel	
5	M8x7x36 DIN 6885	Adjusting spring	
6	AM10x16 DIN 916	Threaded pin	
7	6206-2RS DIN 625	Ball bearing	
8	000.85.000.16	Felt ring	
9	A30x2 Sd DIN 471	Retaining ring	
10	173.71.000.22	Bunker drive shaft	
11	- FAFNIR, PTUE 30	Tension head adjusting bearing	
12	M16x150 DIN 933	Hexagon head screw	
13	M 16 DIN 555	Hexagon nut	
14	172.71.000.23	Carrying angle plate	
15	173.71.040.00	Clamping bolt	
16	090.71.000.03	Retaining angle	
17	173.71.000.10	Fishplate	
18	M16x60 DIN 933	Hexagon head screw	
19	000.58.006.00	Chain sprocket, 3/4", 32 teeth	
20	A8x7x32 DIN 6885	Adjusting ring	
21	173.73.000.01	Motor flange plate	
22	000.58.004.00	Chain sprocket, 3/4", 15 teeth	
23	206.20.000.05	Thrust ring	
24	3/4", 42 Rollers, DIN 8187	Roller chain	
25	DANFOSS OMP 200	Hydr. oil motor	
26	173.71.000.28	Securing plate	
27	401.71.085.00	Pull rod	
28	000.02.041.03	Side bush	
29	401.71.090.00	Guard tube	
30	000.75.000.07	Pressure spring	
31	17 DIN 9021	Washer	
32	401.71.000.04	Fold-out bar	
33	M 12 DIN 985	Self-locking hexagon nut	
34	13 DIN 9021	Washer	

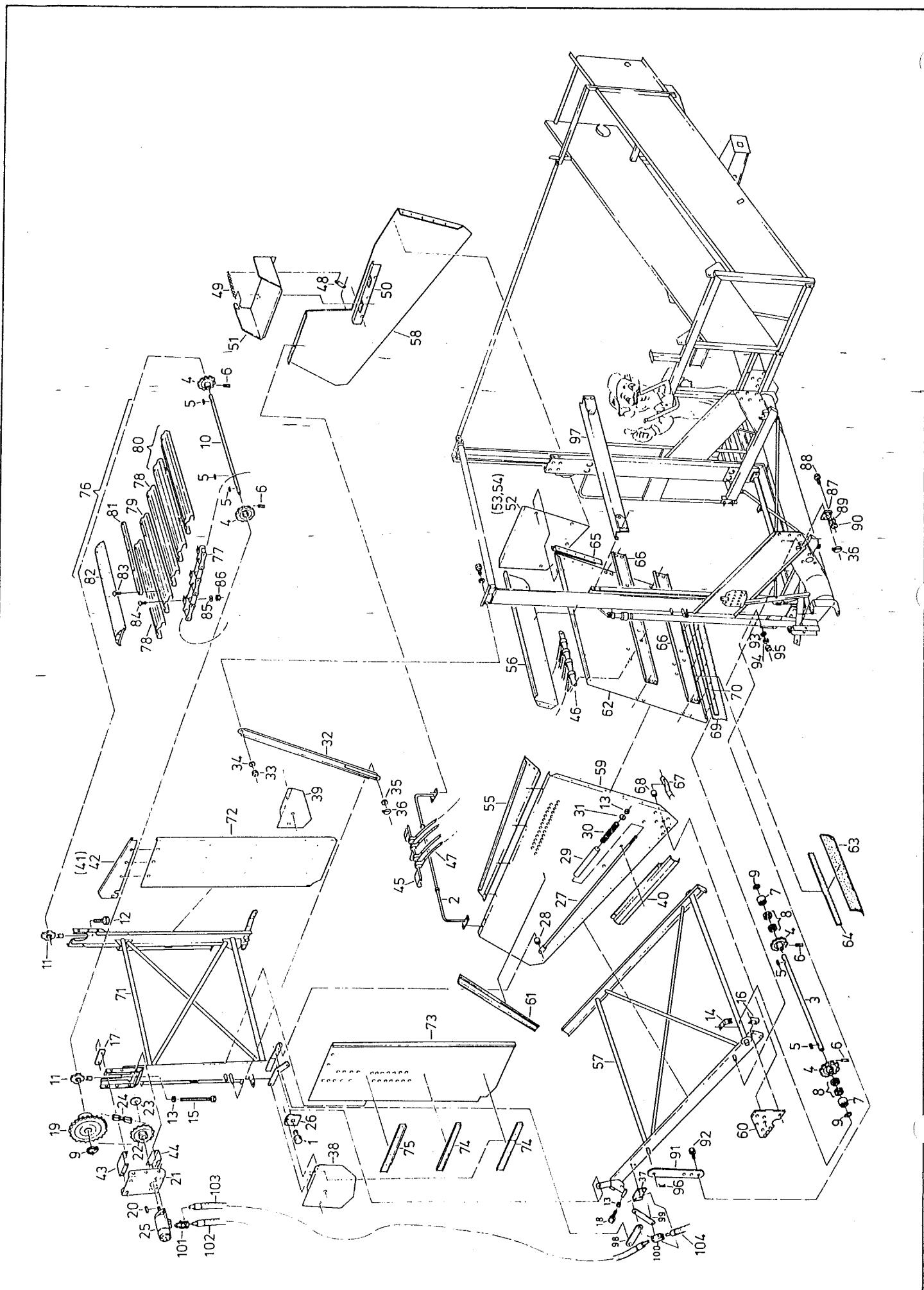


Drawing 20 Unloading hopper

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Item No.	Part-Number	Description	Remarks
35	17 DIN 9021	Washer	
36	Ø4	Cotter pin	
37	401.71.000.05	Ball tap carrier	
38	401.71.000.07	Guard plate, front	
39	401.71.000.08	Guard plate, rear	
40	401.71.000.12	Cover plate	
41	401.71.000.09	Discharge extension panel, front	
42	401.71.000.10	Discharge extension panel, rear	
43	401.71.000.11	Locking plate	
44	173.71.000.03	Guard plate	
45	113.71.120.00	Carrying fork	
46	113.71.000.18	Carrying tube	
47	113.71.000.19	Plastic strip	
48	401.71.000.06	Pull spring carrier	
49	113.84.000.16	Pull spring	
50	401.71.070.00	Trap carrier	
51	400.18.000.08	Trap	
52	401.71.000.01	Edge filling panel, (556 mm x 315 mm)	
53	401.71.000.02	Edge filling panel, (556 mm x 445 mm)	
54	401.71.000.15	Edge filling panel (810 mm x 486 mm, in case of bunker detachable put-on panels)	
55	401.71.000.14	Side wall extension	
56	401.71.000.13	Rear wall extension	
57	402.71.011.00	Bunker frame	
58	402.71.015.00	Side wall, rear	
59	402.71.010.01	Side wall, front	
60	401.71.010.02	Edge stiffening plate	
61	400.71.010.06	Stiffening profile strip	
62	401.71.010.03	Rear wall	
63	401.71.010.06	Locking rubber strip	
64	100.71.010.07	Clamping strip	
65	401.71.010.05	Edge profile strip	

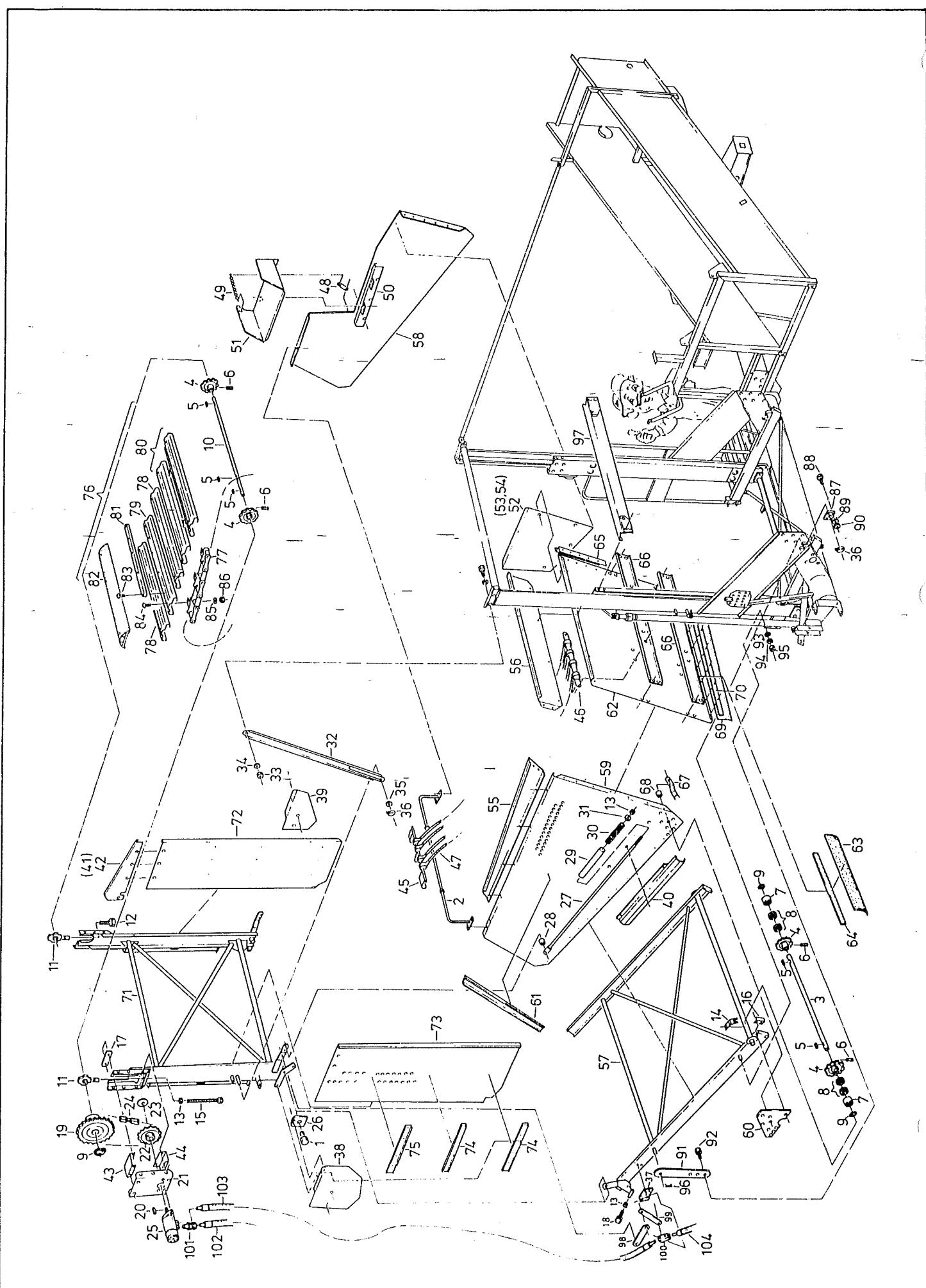


Drawing 20 Unloading hopper

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Item No.	Part-Number	Description	Remarks
66	400.71.010.04	Stiffening strip	
67	401.71.010.09	Return stop	
68	000.68.000.02	Joint bush	
69	401.71.010.07	Cover rubber strip	
70	401.71.010.08	Clamping ledge	
71	401.71.021.00	Discharge conv. frame	
72	401.71.020.01	Wall, discharge conv., rear	
73	401.71.020.02	Wall, discharge conv., front	
74	090.71.020.03	Stiffening profile strip	
75	400.71.020.04	Stiffening profile strip	
76.1	400.71.060.00	Unloading hopper chain assy., 152 rollers	
76.2	401.71.060.00	Unloading hopper chain assy., - 162 rollers (comprising items 77-86)	
77	401.71.060.01	Roller chain with angle shackles, 162 rollers	
77.1	400.71.060.01	Roller chain with angle shackles, 150 rollers	
78	113.71.060.02	Unloading hopper rod	
79	113.71.062.00	Catch rod	
80	113.71.061.00	Cover rod	
81	113.71.060.06	Coupler	
82	113.71.060.03	Bunker chain plastic hose	
83	M8x40 DIN 603	Truss head screw	
84	M8x16 DIN 603	Truss head screw	
85	8.4 DIN 124	Washer	
86	M8 DIN 985	Self-locking hexagon nut	
87	400.73.000.07	Safety shackle	
88	M8x20 DIN 933	Hexagon head screw	
89	A 8 DIN 127	Spring ring	
90	M 8 DIN 555	Hexagon nut	
91	401.73.000.08	Support	
92	M16x30 DIN 933	Hexagon head screw	
93	17 DIN 125	Washer	

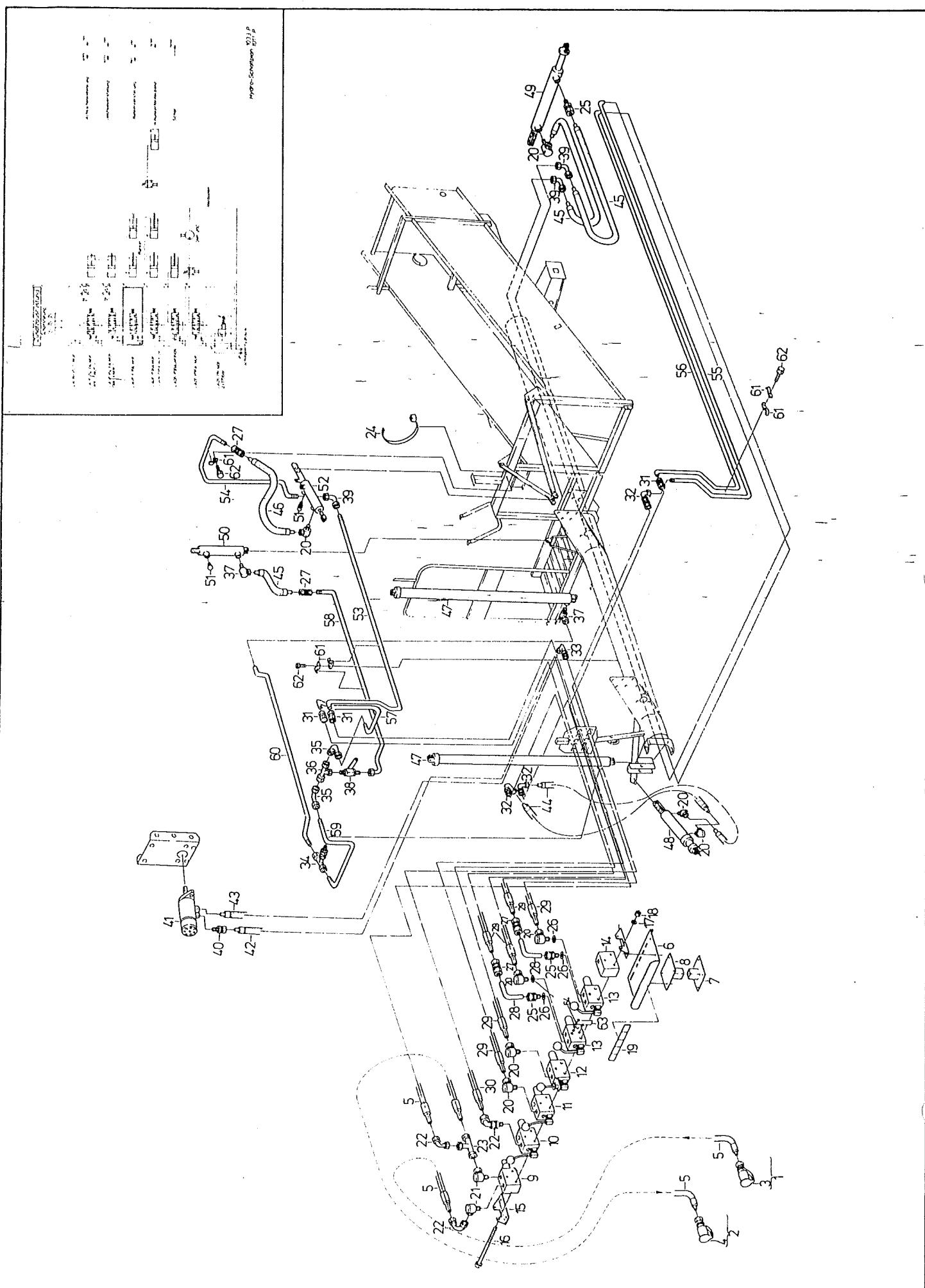


Drawing 20 Unloading hopper

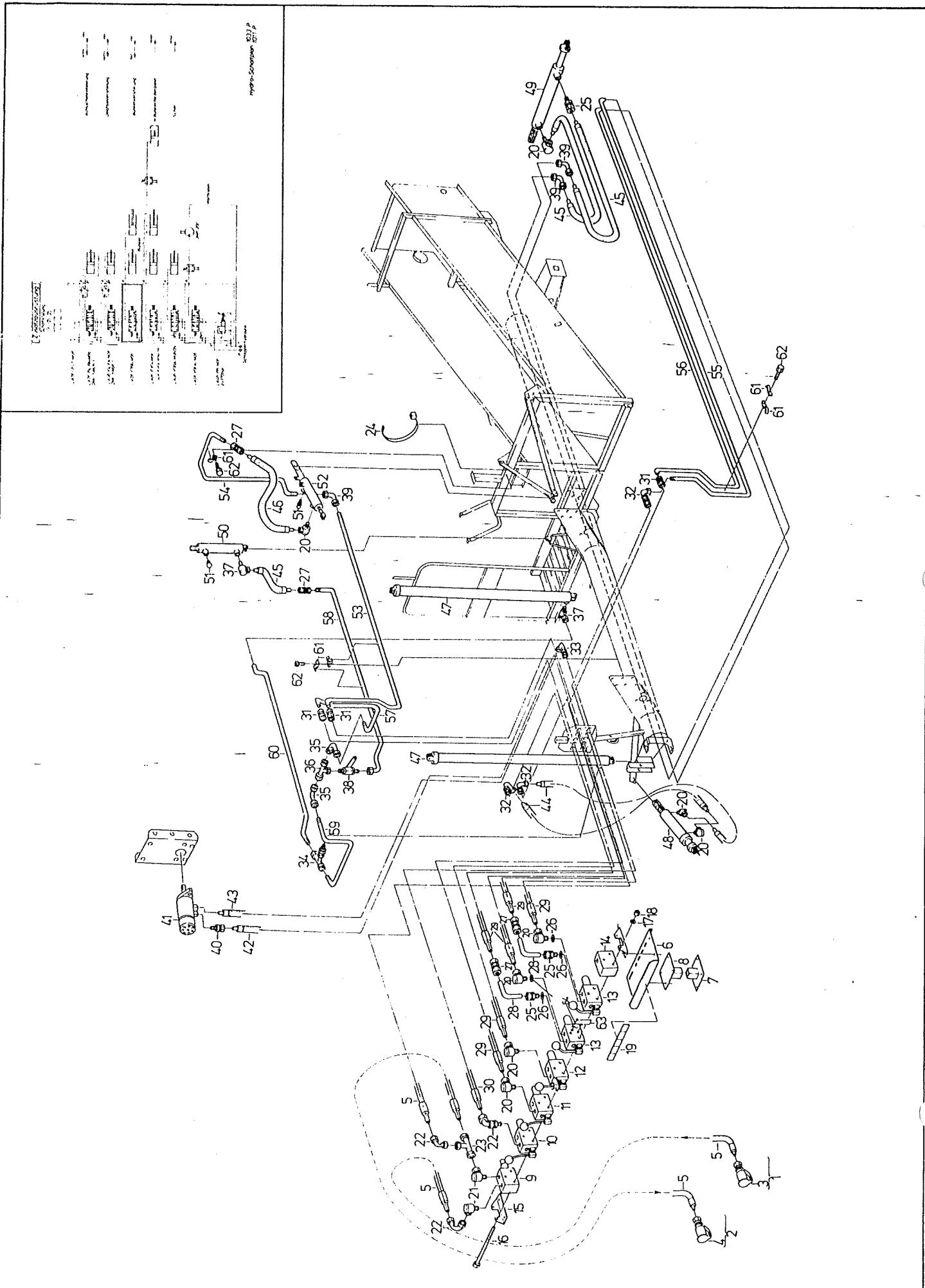
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Item No.	Part-Number	Description	Remarks
94	A16 DIN 127	Spring ring	
95	M16 DIN 555	Hexagon nut	
96		Cotter pin, 6 mm in dia.	
97	401.73.015.00	Cross connecting angle strip	
98	400.78.000.32	Connecting shackle	
99	400.78.000.31	Valve lever	
100	HK 15L	Hydraulic ball tap	
101	ERMETO GE 15LR	Straight pipe union	
102	000.86.200.09	Hydraulic hose, 15 mm in dia., 3300 mm long	
103	000.86.200.05	Hydraulic hose, 15 mm in dia., 1500 mm long	
104	000.86.200.06	Hydraulic hose, 15 mm in dia., 2000 mm long	



Item No.	Part-Number	Description	Remarks
1		H-D Coupling male plug, 15 mm in dia., with olive, box nut and dust cap, red	
2		H-D Coupling male plug, 15 mm in dia., with olive, box nut and dust cap, blue	
3		Dust cap, red	
4		Dust cap, blue	
5	000.86.200.05	Hydraulic hose, 15 mm in dia., 1500 mm long	
6	400.78.000.01	Mounting plate	
7	400.78.010.00	Carrier, bottom	
8	400.78.020.00	Carrier, top	
9	LA 06 PB-M06	Input block	
10	LA 06 P3 FA-M06	One-way valve	
11	LA 06 P3 BA-M06/09	One-way valve	
12	LA 06 P3 FA-M06/08	One-way valve	
13	LA 06 P4 FA-M06	One-way valve	
14	LA 06 PUT-M06	Final block	
15	LA 06 424 17 028	Foot angle plate	
16	M8x255 DIN 912	Cylinder bolt with hexagonal recess	
17	A 8 DIN 127	Spring ring	
18	M 8 DIN 55	Hexagon nut	
19	000.49.000.26	Identification sticker	
20	ERMETO SWVE 12-SM	Swivel joint	
21	ERMETO SWVE 15-LM	Swivel joint	
22	ERMETO EVW 15-LM	Adjustable threaded pipe angle	
23	ERMETO evL 15-L	Adjustable L-Connecting socket	
24	T 120 R	Cable clamping collar	
25	ERMETO GE 12-SM	Straight pipe union	
26	BUCHER DRE1-M06-1.0	Throttle valve	
27	ERMETO G 12-L	Straight screwed joint	
28	400.78.000.16	Elbow pipe	
29	000.86.100.11	Hydraulic hose, 12 mm in dia., 3000 mm long	
30	000.86.200.07	Hydraulic hose, 15 mm in dia., 3000 mm long	

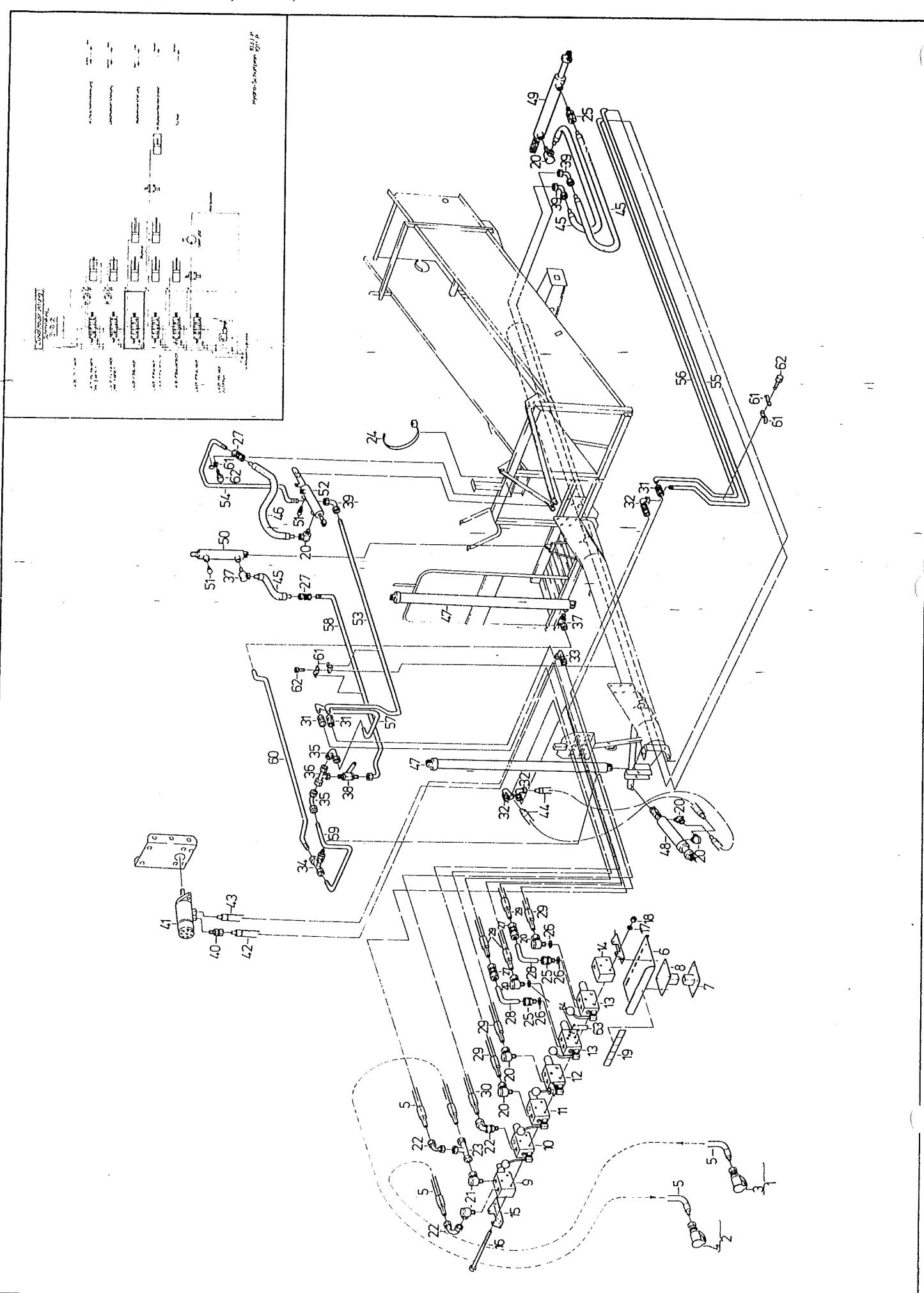


Drawing 21 Hydraulic equipment

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1033

Item No.	Part-Number	Description	Remarks
31	ERMETO SV 12-L	Straight screw type connector	
32	ERMETO WSV 12-L	Angular screw type connector	
33	ERMETO WSV 15-L	Angular screw type connector	
34	ERMETO EVT 12-SM	Adjustable T-screw type connector	
35	ERMETO evW 12-L	Adjustable angle connecting piece	
36	ERMETO evT 12-L	Adjustable T-shaped connecting piece	
37	ERMETO DSVW 12-SM	Throttle-free swivel joint.	
38	HK 12-L	Hydraulic ball tap	
39	ERMETO W 12-L	Angular screwed joint	
40	ERMETO GE 15-LR	Straight pipe union	
41	DANFOSS-GMP 200	Hydr. oil motor	
42	000.86.200.09	Hydraulic hose, 15 mm in dia., 3000 mm long	
43	000.96.200.05	Hydraulic hose, 15 mm in dia., 1500 mm long	
44	000.86.100.05	Hydraulic hose, 12 mm in dia., 1000 mm long	
45	000.86.100.01	Hydraulic hose, 12 mm in dia., 500 mm long	
46	000.86.100.07	Hydraulic hose, 12 mm in dia., 1250 mm long	
47	400.73.060.00	Lifting cylinder	
48	400.03.041.00	Drawbar steering cylinder	
49	109.08.040.00	Steering cylinder	
50	400.12.071.00	Lifting cylinder	
51	EV 1001-05.00	Relief valve, M 18 x 1.5	
52.1	400.07.020.00	Share plate lifting cylinder unit (Lifting height 185 mm)	
52.2	400.07.020.00	Share plate lifting cylinder unit (Lifting height 135 mm)	
53	400.78.000.04	Hydraulic pipe	
54	400.78.000.05	Hydraulic pipe	
55	400.78.000.18	Hydraulic pipe	
56	400.78.000.19	Hydraulic pipe	
57	400.78.000.20	Hydraulic pipe	
58	400.78.000.21	Hydraulic pipe	

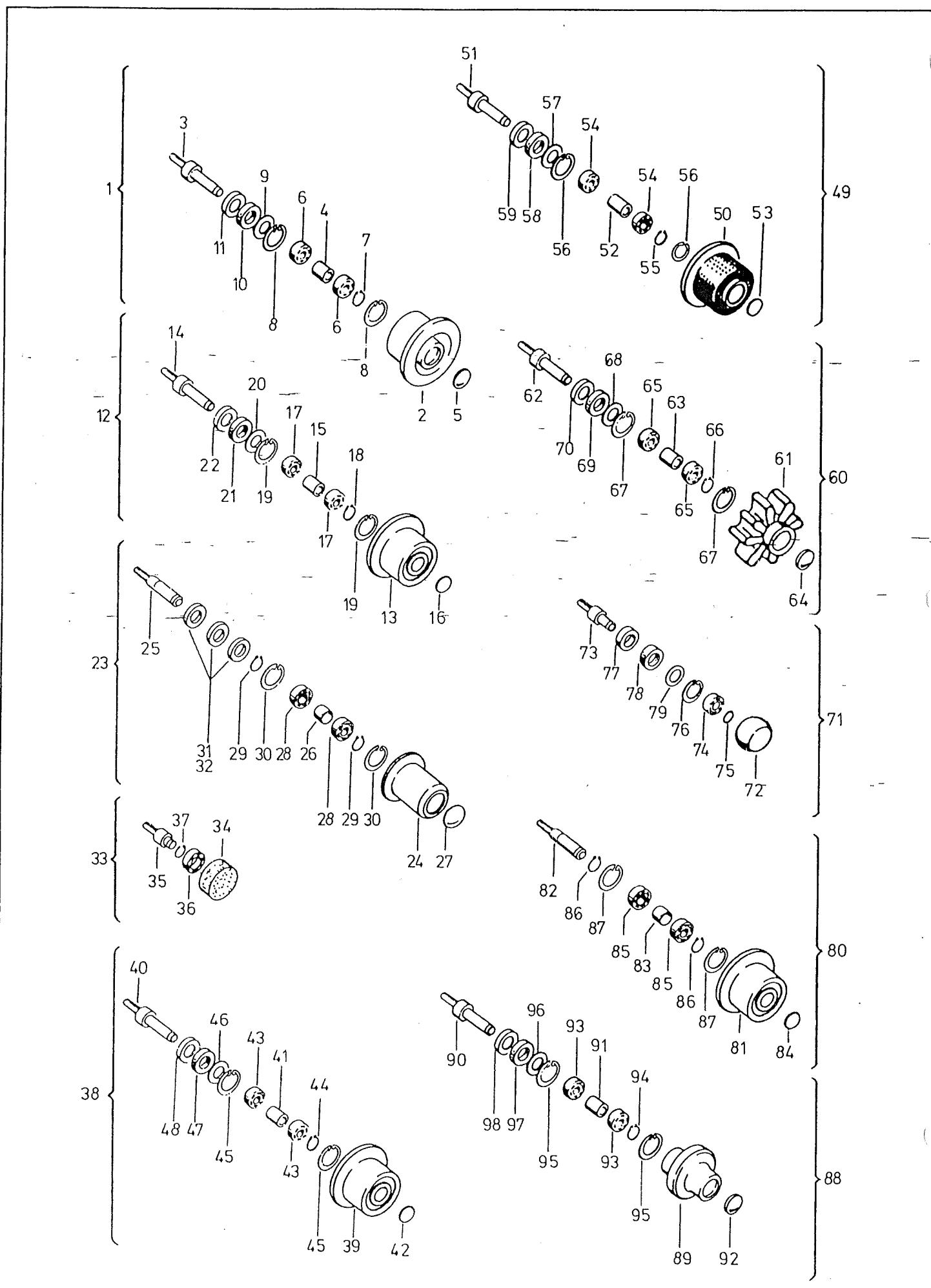


Drawing 21 Hydraulic equipment

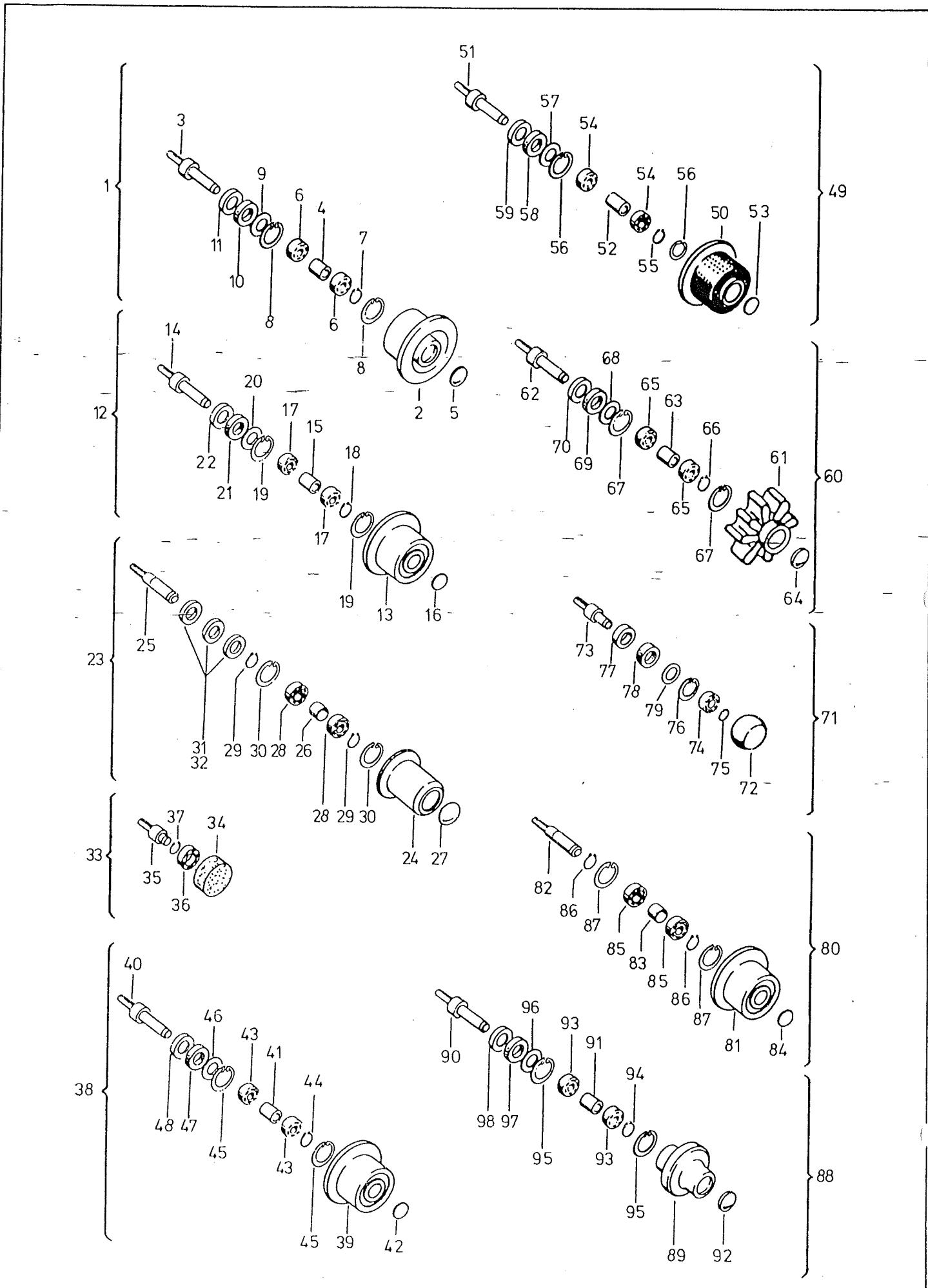
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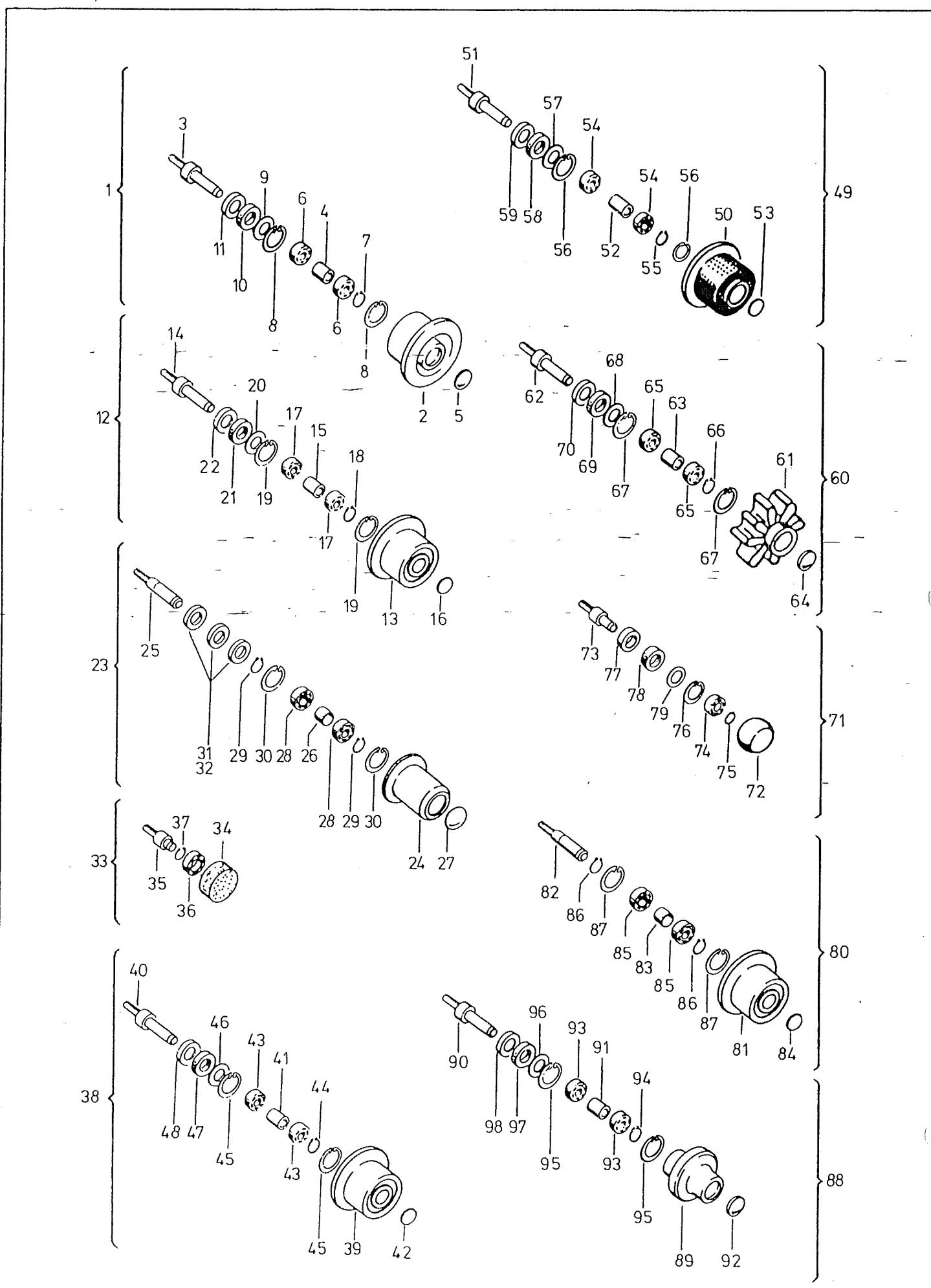
Item No.	Part-Number	Description	Remarks
59	400.78.000.22	Hydraulic pipe	
60	400.78.000.26	Hydraulic pipe	
61	BSS 12x25x3	Fixing clamp collar	
62	M8x25 DIN 933	Hexagon head screw	
63	BUCHER 247 400	O-seal ring 8 x 2	
64	BUCHER 247 540	C seal ring 5 x 15	



Item No.	Part-Number	Description	Remarks
1	000.03.001.00	Separating belt roller unit (comprising items 2-11)	
2	000.03.001.01	Roller body	
3	000.03.003.02	Carrying roller bolt	
4	000.03.003.03	Distance sleeve	
5	000.03.003.04	Dust cover	
6	1603 DIN 625	Ball bearing	
7	A 17 DIN 471	Retaining ring	
8	J 35 DIN 472	Retaining ring	
9	000.03.003.05	Intermediate washer	
10	000.03.003.06	Felt ring	
11	000.03.003.07	Lock ring	
12	000.03.025.00	Deviating roller unit (comprising items 13-22)	
13	000.03.025.01	Deviating roller	
14	000.03.003.02	Carrying roller bolt	
15	000.03.003.03	Distance sleeve	
16	000.03.003.04	Dust cover	
17	16003 DIN 625	Ball bearing	
18	A 17 DIN 471	Retaining ring	
19	J35 DIN 473	Retaining ring	
20	000.03.003.05	Intermediate washer	
21	000.03.003.06	Felt ring	
22	000.03.003.07	Lock ring	
23	000.03.002.00	Deviating roller unit (comprising items 24-32)	
24	000.03.002.01	Deviating roller	
25	000.03.002.04	Roller bolt	
26	000.03.002.03	Distance tube	
27	000.03.002.02	Locking cover	
28	6006 DIN 625	Ball bearing	
29	A 30 DIN 471	Retaining ring	
30	J 55 DIN 472	Retaining ring	
31	000.03.002.05	Lamellar seal ring	
32	000.03.002.06	Lamellar seal ring	
33	000.03.016.00	Supporting roll unit (Rubber) (comprising items 34-37)	



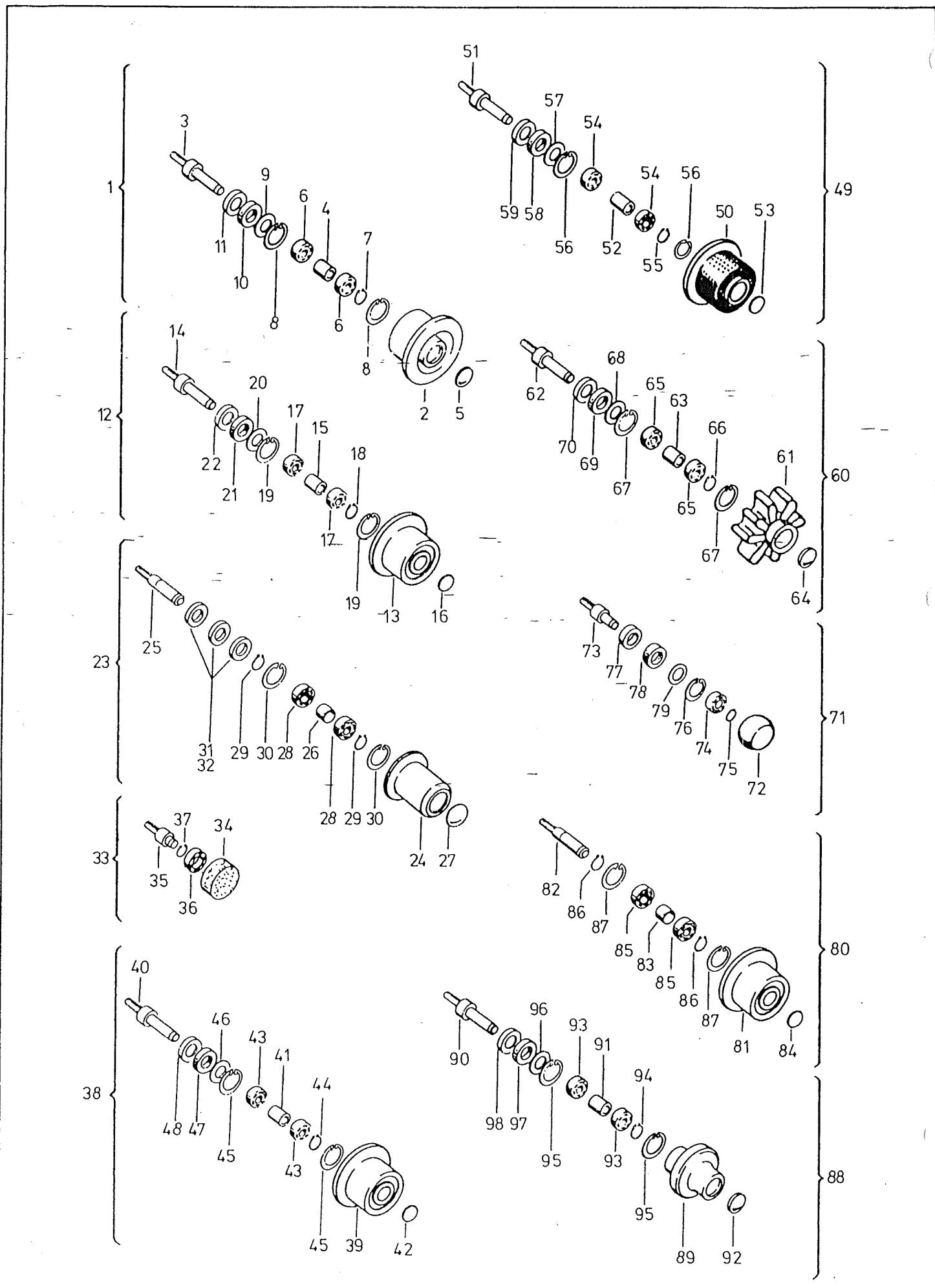
Item No.	Part-Number	Description	Remarks
34	000.03.016.01	Supporting roll jacket	
35	000.03.016.02	Supporting roll bolt	
36	6204 2 RS DIN 625	Ball bearing	
37	A 20 DIN 471	Retaining ring	
38	000.03.003.00	Carrying roll unit (comprising items 39-48)	
39	000.03.003.01	Carrying roll body	
40	000.03.003.02	=Carrying roll bolt	
41	000.03.003.03	Distance sleeve	
42	000.03.003.04	Dust cover	
43	16003 DIN 625	Ball bearing	
44	A 17 DIN 471	Retaining ring	
45	J 35 DIN 472	Retaining ring	
46	000.03.003.05	Intermediate washer	
47	000.03.003.06	Felt ring	
48	000.03.003.07	Lock ring	
49	000.03.004.00	Carrying roll unit (Rubber) (comprising items 50-59)	
50	000.03.004.02	Carrying roll (rubberized)	
51	000.03.003.02	Carrying roll bolt	
52	000.03.003.03	Distance sleeve	
53	000.03.003.04	Dust cover	
54	16003 DIN 625	Ball bearing	
55	A 17 DIN 471	Retaining ring	
56	J 35 DIN 472	Retaining ring	
57	000.03.003.05	Intermediate washer	
58	000.03.003.06	Felt ring	
59	000.03.003.07	Lock ring	
60	000.03.013.00	Vibrating ellipse unit (comprising items 61-70)	
61	000.03.013.01	Vibrating ellipse	
62	000.03.003.02	Carrying roll bolt	
63	000.03.003.03	Distance sleeve	
64	000.03.003.04	Dust cover	



Drawing 22 Rollers

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Item No.	Part-Number	Description	Remarks
65	16003 DIN 625	Ball bearing	
66	A 17 DIN 471	Retaining ring	
67	J 35 DIN 472	Retaining ring	
68	000.03.003.05	Intermediate washer	
69	000.03.003.06	Felt ring	
70	000.03.003.07	Lock ring	
71	000.03.005.00	Agitating roll unit (comprising items 72-79)	
72	000.03.005.01	Agitating roll	
73	000.03.005.02	Roller bolt	
74	6004 DIN 625	Ball bearing	
75	A 20 DIN 471	Retaining ring	
76	J 47-DIN 472	Retaining ring	
77	000.03.005.03	Locking disc	
78	000.03.005.04	Felt ring	
79	000.03.005.05	Intermediate washer	
80	000.03.020.00	Deviating roller unit (comprising items 81-87)	
81	015.04.000.01	Deviating roller	
82	000.03.020.02	Roller bolt	
83	010.30.013.01	Distance tube	
84	000.03.002.02	Locking cover	
85	6006 DIN 625	Ball bearing	
86	A 30 DIN 471	Retaining ring	
87	J 35 DIN 472	Retaining ring	
88	000.10.005.00	Deviating roller unit (comprising items 89-98)	
89	000.10.005.01	Deviating wheel	
90	000.03.003.02	Carrying roll bolt	
91	000.03.003.03	Distance sleeve	
92	000.03.003.04	Dust cover	
93	16003 DIN 625	Ball bearing	
94	A 17 DIN 471	Retaining ring	

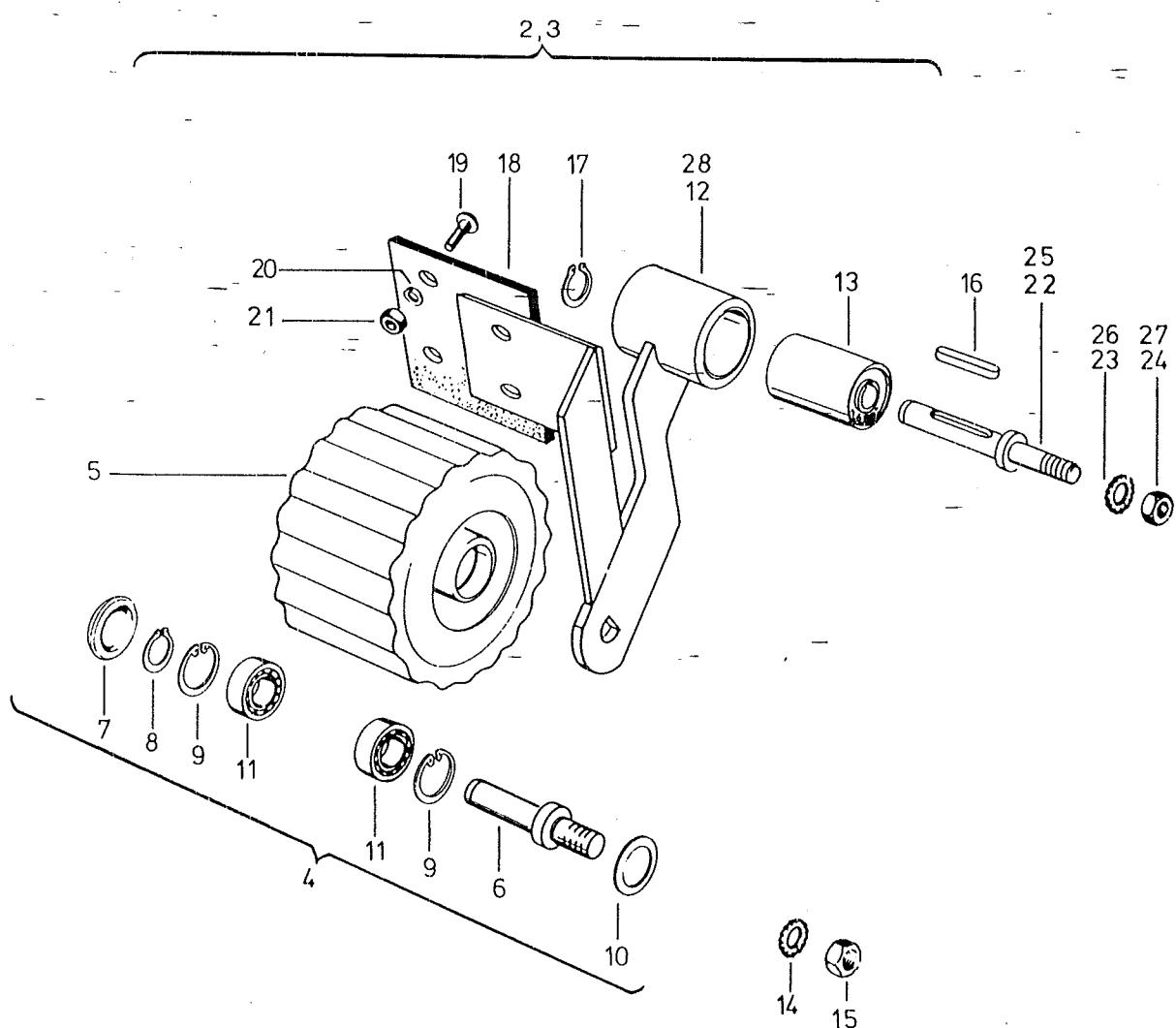


Drawing 22 Rollers

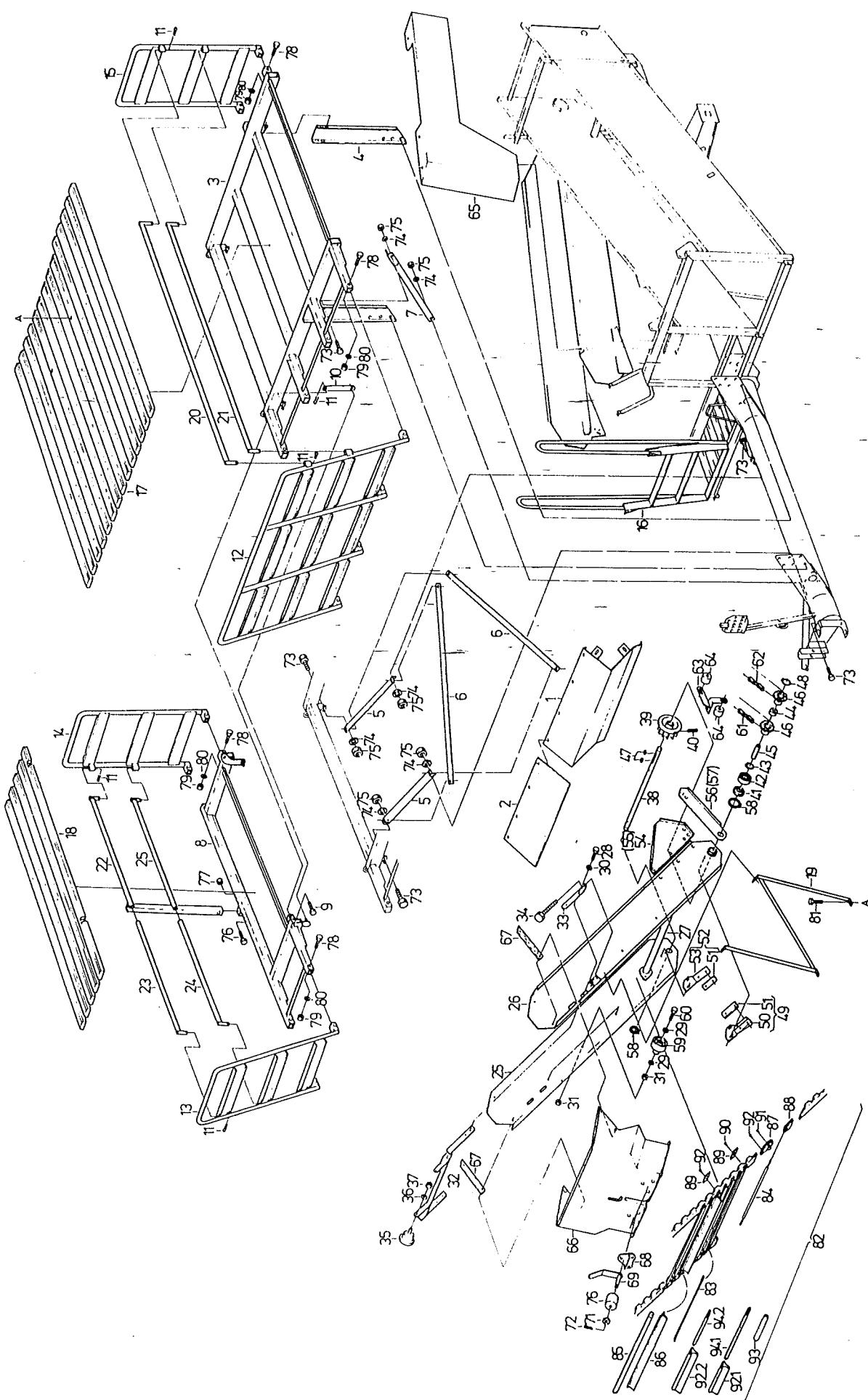
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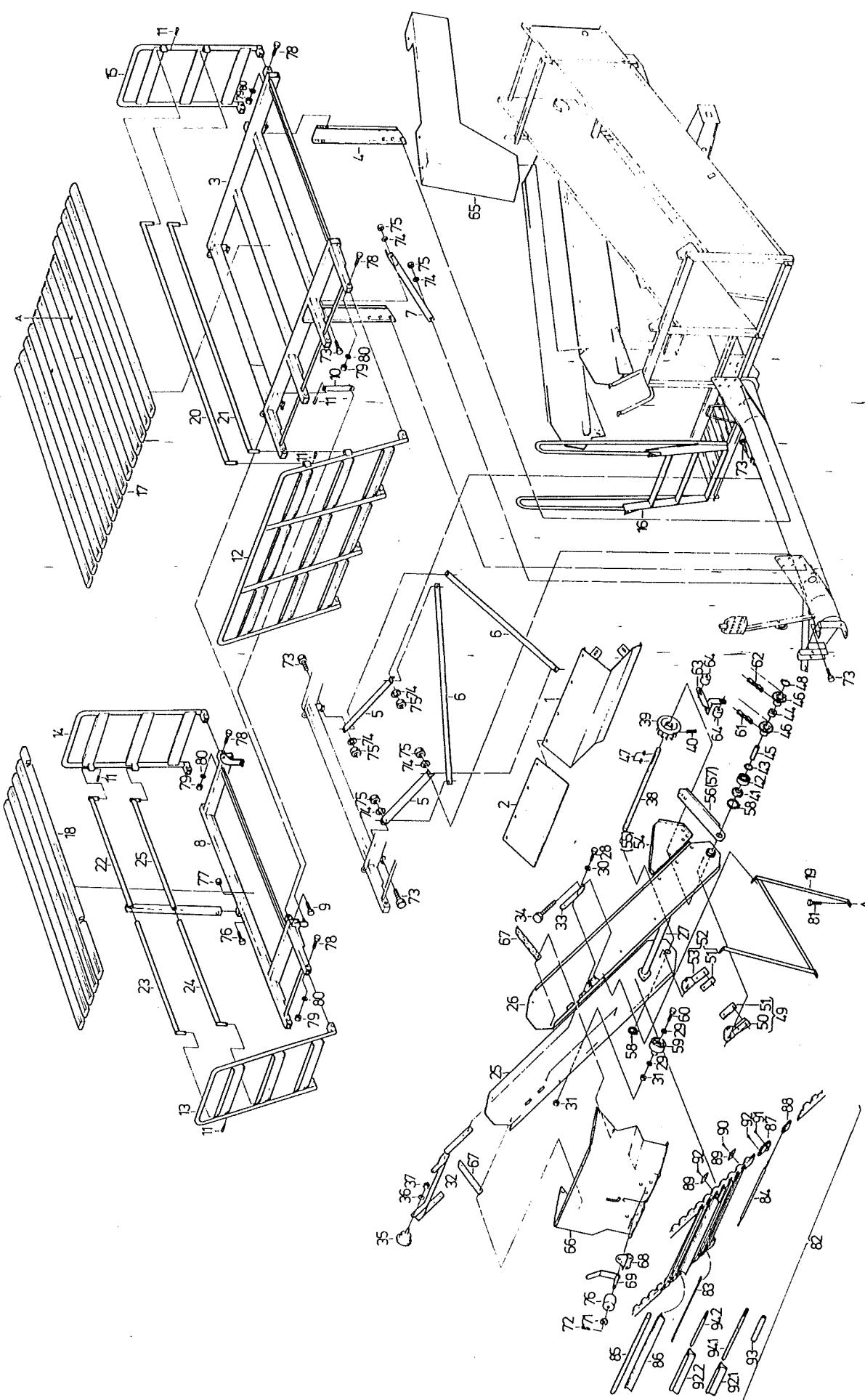
Item No.	Part-Number	Description	Remarks
95	J 35 DIN 472	Retaining ring	
96	000.03.003.05	Intermediate washer	
97	000.03.003.06	Felt ring	
98	000.03.003.07	Lock ring	



Item No.	Part-Number	Description	Remarks
1	401.29.000.00	Haulm intake roller set (comprising items 2 and 3)	
2	401.29.010.00	Haulm intake roller unit, right (comprising items 4, 12-24)	
3	401.29.020.00	Haulm intake roller unit, left (comprising items 4, 13-21, 25-28)	
4	000.03.021.00	Haulm intake roller unit (comprising items 5-11)	
5	000.03.021.01	Roller, rubberized (50 mm wide)	
6	000.03.006.03	Carrying roller bolt	
7	000.03.003.04	Dust cover	
8	A 17 DIN 471	Retaining ring	
9	I 35 DIN 472	Retaining ring	
10	LSTO 17 x 35	Nilos-seal ring	
11	16003 DIN 625	Ball bearing	
12	400.29.011.00	Roller carrier, right	
13	090.29.010.01	Rubber bearing	
14	A 21 DIN 6797	Toothed disc	
15	M 20 DIN 936	Hexagon nut	
16	A6x4x40 DIN 6885	Adjusting spring	
17	A 20 DIN 471	Retaining ring	
18	400.29.010.02	Hold-back rubber	
19	M8x30 DIN 603	Truss head screw	
20	8.4 DIN 9021	Disc	
21	M 8 DIN 936	Hexagon nut	
22	090.29.010.02	Adjusting bolt, right-hand thread	
23	A 21 DIN 6797	Toothed disc	
24	M 20 DIN 55	Hexagon nut	
25	090.29.020.02	Adjusting bolt, left-hand thread	
26	A 21 DIN 6797	Toothed disc, left	
27	M 20 DIN 55	Hexagon nut, left-hand thread	
28	400.29.021.00	Roller carrier, left	



Item No.	Part-Number	Description	Remarks
1	401.76.150.00	Cover plate	
2	402.76.000.03	Covering rubber	Special equipment
3	402.76.010.00	Bagging platform frame	
4	402.76.000.01	Carrying arm	
5	401.76.000.02	Support	
6	401.76.000.03	Diagonal strut	
7	401.76.000.04	Strut	
8	402.76.020.00	Extension frame	
9	090.71.000.01	Joint bolt	
10	112.71.010.12	Fixing shackle	
11	000.50.200.04	Spring pin, 4 mm in dia.	
12	402.76.030.00	Cross railing	
13	401.76.060.00	Cross railing	
14	402.76.040.00	Cross railing	
15	402.76.050.00	Cross railing	
16	401.76.080.00	Access step	
17	402.76.100.00	Base grate	
18	402.76.100.00	Base grate	
19	401.76.120.00	Conveyor belt support	
20	401.76.130.00	Hook-in rod, top	
21	401.76.140.00	Hook-in rod, bottom	
22	402.76.060.00	Railing, right	
23	402.76.061.00	Sliding tube, top	
24	402.76.062.00	Sliding tube, bottom	
25.1	402.76.210.00	Lateral traverse, right (2050 mm long)	
25.2	401.76.011.00	Lateral traverse, right (1850 mm long)	
26.1	402.76.211.00	Lateral traverse, left (2050 mm long)	
26.2	401.76.012.00	Lateral traverse, left (1850 mm long)	
27	401.76.013.00	Cross connecting rod	
28	M10x20 DIN 933	Hexagon head screw	
29	A 10.5 DIN 9021	Washer	

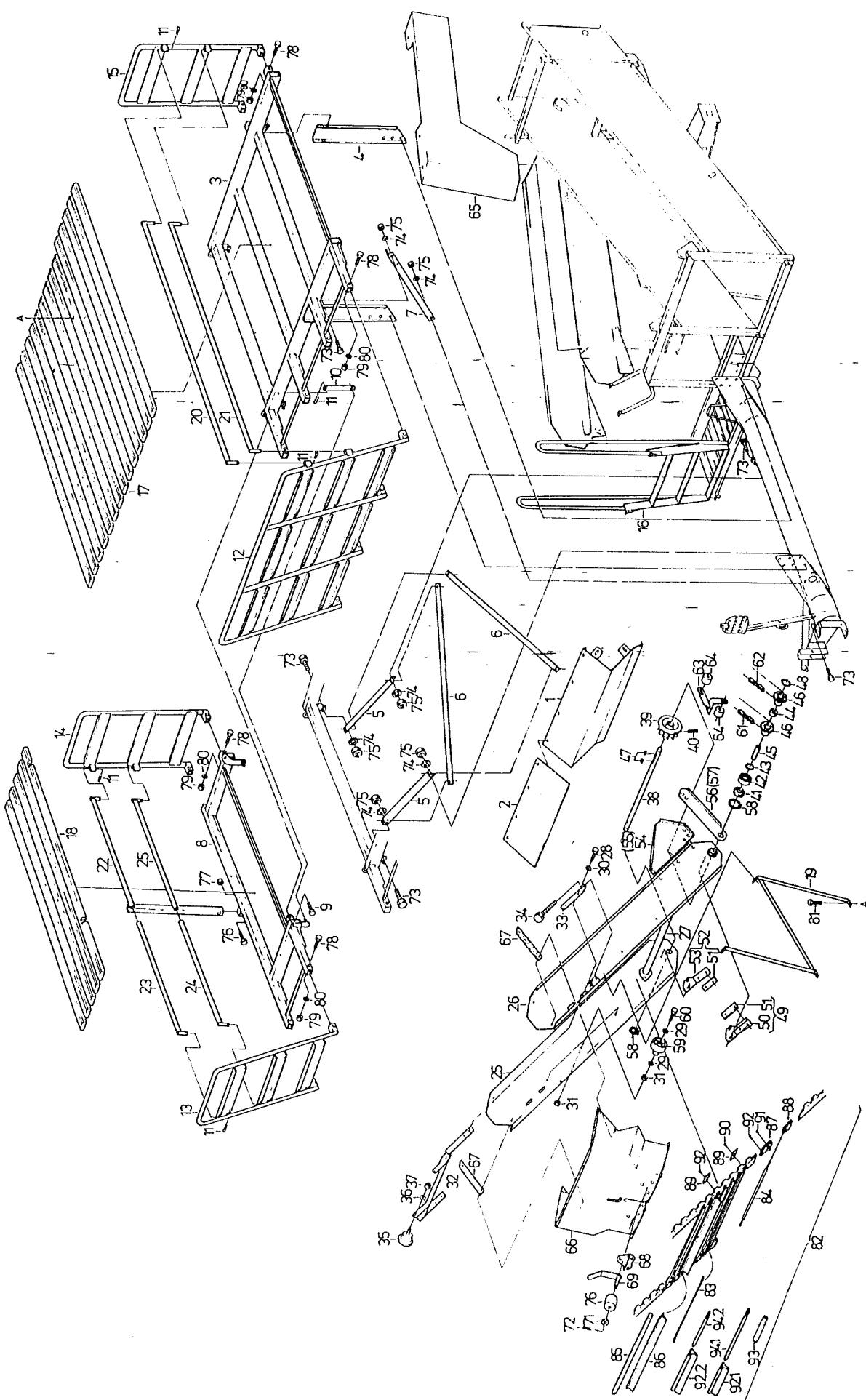


Drawing 31 Bagging platform

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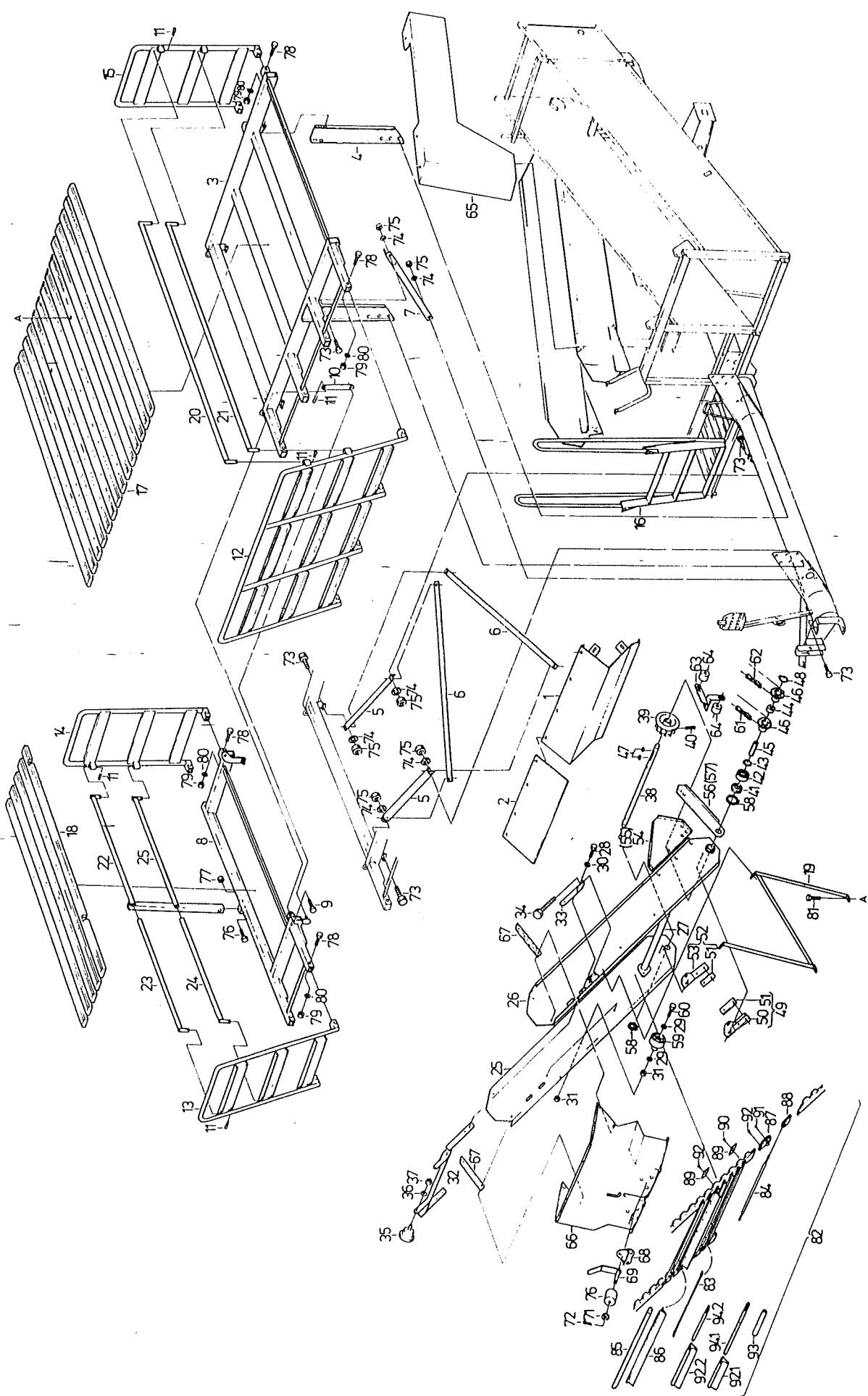
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Item No.,	Part-Number	Description	Remarks
30	A 10 DIN 127	Spring ring	
31	M 10 DIN 555	Hexagon nut	
32	400.12.040.00	Conveyor belt tensioning frame	
33	112.63.010.01	Shiftable turnbuckle	
34	112.63.050.00	Clamping bolt	
35	000.03.001.00	Separating belt roll unit	
36	A 21 DIN 6797	Toothed disc	
37	M 20 DIN 936	Hexagon nut	
38	400.12.000.03	Conveyor belt shaft	
39	090.60.013.02	Drive wheel	
40	8 x 60 DIN 1481	Clamping sleeve	
41	LSTO-25x52x4	Nilos-seal-ring	
42	6205-2RS	Ball bearing	
43	I 52 DIN 472	Retaining ring	
44	000.62.000.01	Distance tube	
45	100.60.010.01	Distance tube	
46	000.56.003.00	Chain sprocket, 1/2", 20 teeth	
47	A8x7x22 DIN 6885	Adjusting spring	
48	A 25 DIN 471	Retaining ring	
49	000.50.020.00	Stripper unit (comprising items 50 and 51)	
50	000.50.020.01	Stripper	
51	000.50.010.02	Stripper rubber	
52	000.50.010.00	Stripper unit (comprising items 53 and 51)	
53	000.50.010.01	Stripper	
54	401.76.016.01	Guide plate, left	
55	401.76.016.02	Guide plate, right	
56	402.76.400.02	Bearing arm, left	
57	401.76.010.02	Bearing arm, right	
58	A 65 DIN 471	Retaining ring	
59	000.10.000.05	Carrying roller	
60	M10x60 DIN 931	Hexagon head screw	



Drawing 31 Bagging platform 1011
 1033

Item No.	Part-Number	Description	Remarks
61	91 Rollers	Roller chain, 1/2"x5/16"	Sorting belt with grading rollers
62	119 Rollers	Roller chain, 1/2"x5/16"	Ditto
63	401.76.025.00	Chain tensioning block	
64	000.50.000.05	Clamping block	
65	401.76.020.00	Guard hood	
66	122.76.010.00	Bagging box	
67	401.76.000.01	Fishplate	
68	000.13.010.01	Flange	
69	000.13.011.00	Lever	
70	000.13.010.02	Rubber roll	
71	10.5 DIN 125	Washer	
72	8 x 20 DIN 94	Split pin	
73	M12x30 DIN 931	Hexagon-head screw	
74	A 12 DIN 127	Spring ring	
75	M 12 DIN 555	Hexagon nut	
76	M8x50 DIN 931	Hexagon head screw	
77	M 8 DIN 982	Hexagon nut	
78	M10x65 DIN 931	Hexagon head screw	
79	M 10 DIN 555	Hexagon nut	
80	A 10.5 DIN 125	Washer	
81	M10x50 DIN 931	Hexagon head screw	
82.1	401.76.018.00	Conveyor belt chain assy., 140 rods, catch profile strip being 500 mm long (comprising items 83-92)	
82.2	401.76.019.00	Conveyor belt chain assy., 140 rods, catch profile strip being 175 mm long (comprising items 83-92.1, 93, 94.1)	
82.3	401.76.017.00	Conveyor belt chain assy., 126 rods, catch profile strip being 500 mm long (comprising items 83-92)	
83	000.05.115.01	Conveyor belt rod	
84	000.05.115.06	Connecting rod	
85	401.76.018.06	Catch rod	



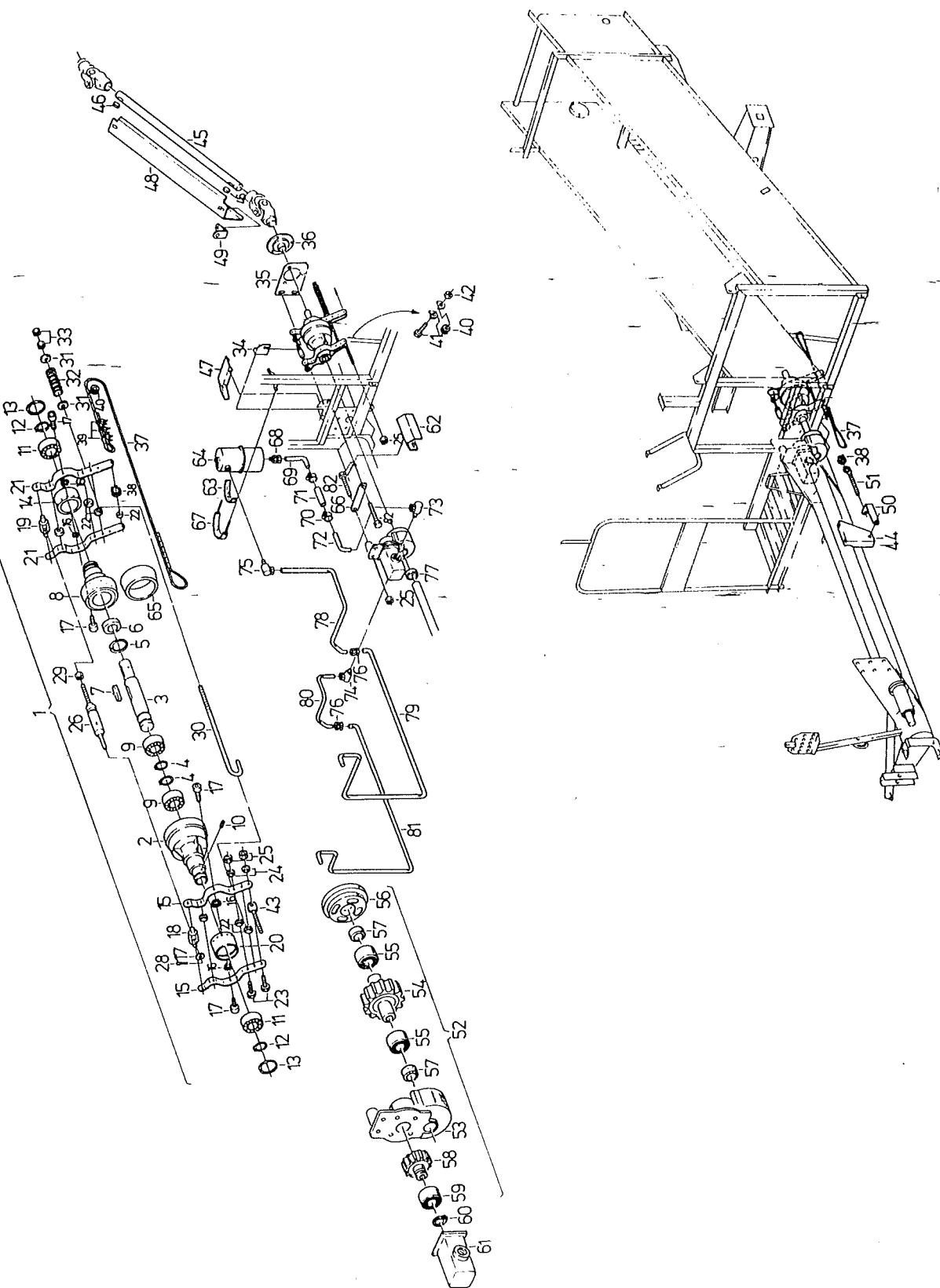
Drawing 31

Bagging platform

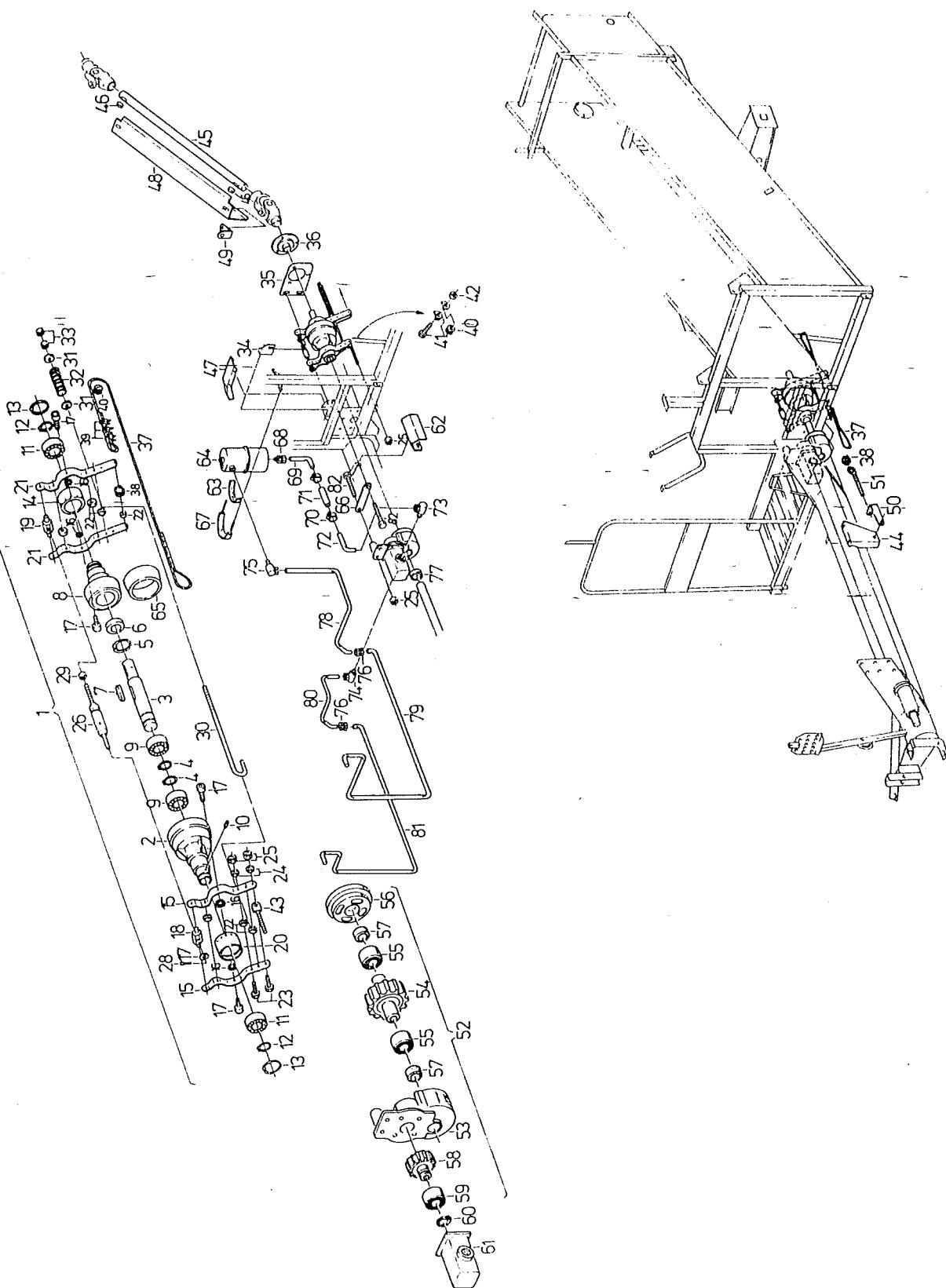
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Item No.	Part-Number	Description	Remarks
86	401.76.018.07	Catch profile strip (500 mm long)	
87	000.05.003.03	Lock half, male	
88	000.05.003.04	Lock half, female	
89	000.05.003.02	Sorting chain shackle	
90	Ø4x19 DIN 661	Countersunk rivet	
91	Ø4x22 DIN 661	Countersunk rivet	
92	Ø4x26 DIN 661	Countersunk rivet	
92.1	401.76.019.07	Catch profile strip (175 mm long)	
92.2	401.76.019.07	Catch profile strip (280-mm long)	
93	401.76.019.08	Plastic hose (160 mm long)	
94.1	401.76.019.09	Plastic hose (320 mm long)	
94.2	401.76.019.09	Plastic hose (220 mm long)	



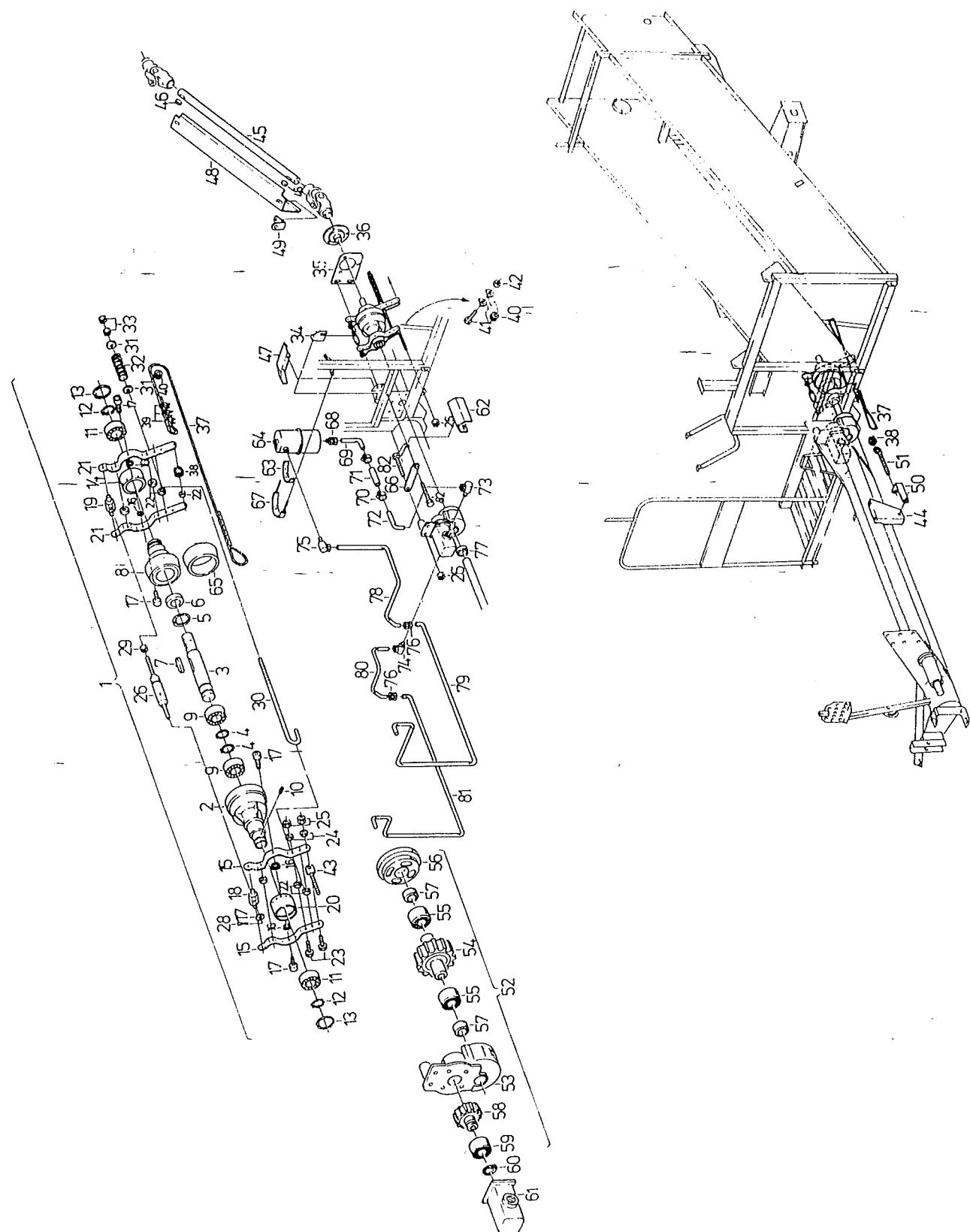
Item No.	Part-Number	Description	Remarks
1	115.69.010.00	Cut-off coupling assy., (comprising items 2-32)	
2	114.69.010.01	Coupling bell case	
3	113.69.010.02	Coupling shaft	
4	A35x2.5 DIN 471	Retaining ring	
5	J62 DIN 472	Retaining ring	
6	35 x 62 x 7	Shaft seal ring	
7	A10x8x70 DIN 6885	Adjusting spring	
8	114.69.011.00	Control cone	
9	6007 DIN 625	Ball bearing	
10	AM 10x15 DIN 914	Threaded pin	
11	6010 ZZ DIN 625	Ball bearing	
12	A 50 DIN 471	Retaining ring	
13	J 80 DIN 472	Retaining ring	
14	091.73.021.01	Control ring	
15	113.69.010.03	Control lever half, short	
16	A10.5 DIN 6797	Toothed disc	
17	M10x12 DIN 912	Hexagon recess bolt	
18	113.69.010.04	Joint axle	
19	113.69.010.05	Joint axle with thread	
20	113.69.010.11	Control ring	
21	115.69.010.12	Control lever half, long	
22	113.69.010.07	Distance piece	
23	M10x40 DIN 931	Hexagon head screw	
24	A 10 DIN 127	Spring ring	
25	M 10 DIN 555	Hexagon nut	
26	113.69.010.08	Adjusting spindle	
27	17 DIN 125	Spacer	
28	5x28 DIN 94	Split pin	
29	M 16 DIN 555	Hexagon nut	
30	113.69.010.09	Pull hook	
31	113.69.010.10	Adjusting disc	
32	000.75.000.03	Pressure spring	
33	M 12 DIN 555	Hexagon nut	



Drawing 32 Independent hydraulic system with
 cut-off coupling

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Item No.	Part-Number	Description	Remarks
34	113.69.000.01	Torque support	
35	090.30.000.01	Bearing flange	
36	FAFNIR RATR 30	Flange bearing	
37	400.69.000.04	Pulling cable, 6 mm in dia., 1200 mm long	
38	A 7 DIN 6899	Cable grommet	
39	A 6 DIN 741	Cable clip	
40	090.71.000.04	Cable roll	
41	M 12 x 40	Hexagon nut	
42	M 12 DIN 982	Self-locking hexagon nut	
43	400.69.020.00	Adjusting rod	
44	400.69.030.00	Disengaging rod	
45	400.69.000.01	Intermediate shaft	
46	A8x7x32 DIN 6885	Adjusting spring	
47	400.69.040.00	Guard hood	
48	400.69.000.02	Shaft guard	
49	400.69.000.03	Fixing angle bracket	
50	113.57.023.08	Clamping angle	
51	401.58.000.09	Eye-bolt, M 10 x 100	
52	250.21.051.00	Pump gear unit (comprising items 53-60)	
53	250.21.051.01	Gear casing	
54	400.78.051.01	Spur wheel, 72 teeth	
55	6010 DIN 625	Ball bearing	
56	250.21.051.02	Gear case cover	
57	50x65x10 DIN 3760	Shaft seal ring	
58	400.78.051.02	Pinion, 19 teeth	
59	6207 DIN 625	Ball bearing	
60	A 35 DIN 471	Retaining ring	
61	TFP 200/11SC001F	Hydraulic pump	
62	400.79.000.01	Covering hood	
63	121.78.000.01	Felt strip	
64	0542 902 002	Hydraulic oil reservoir with filter element	



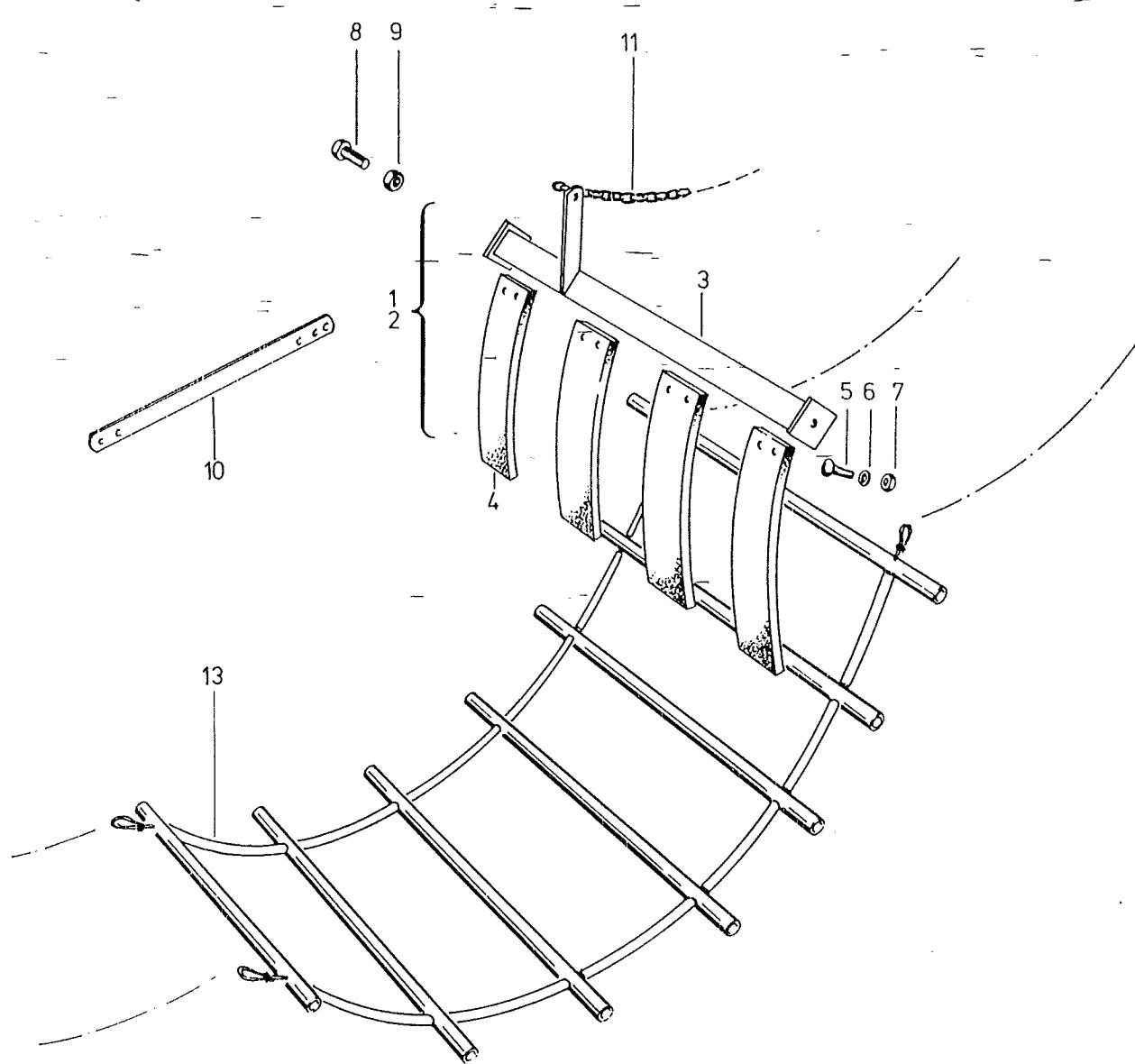
Drawing 32

Independent hydraulic system with
cut-off coupling

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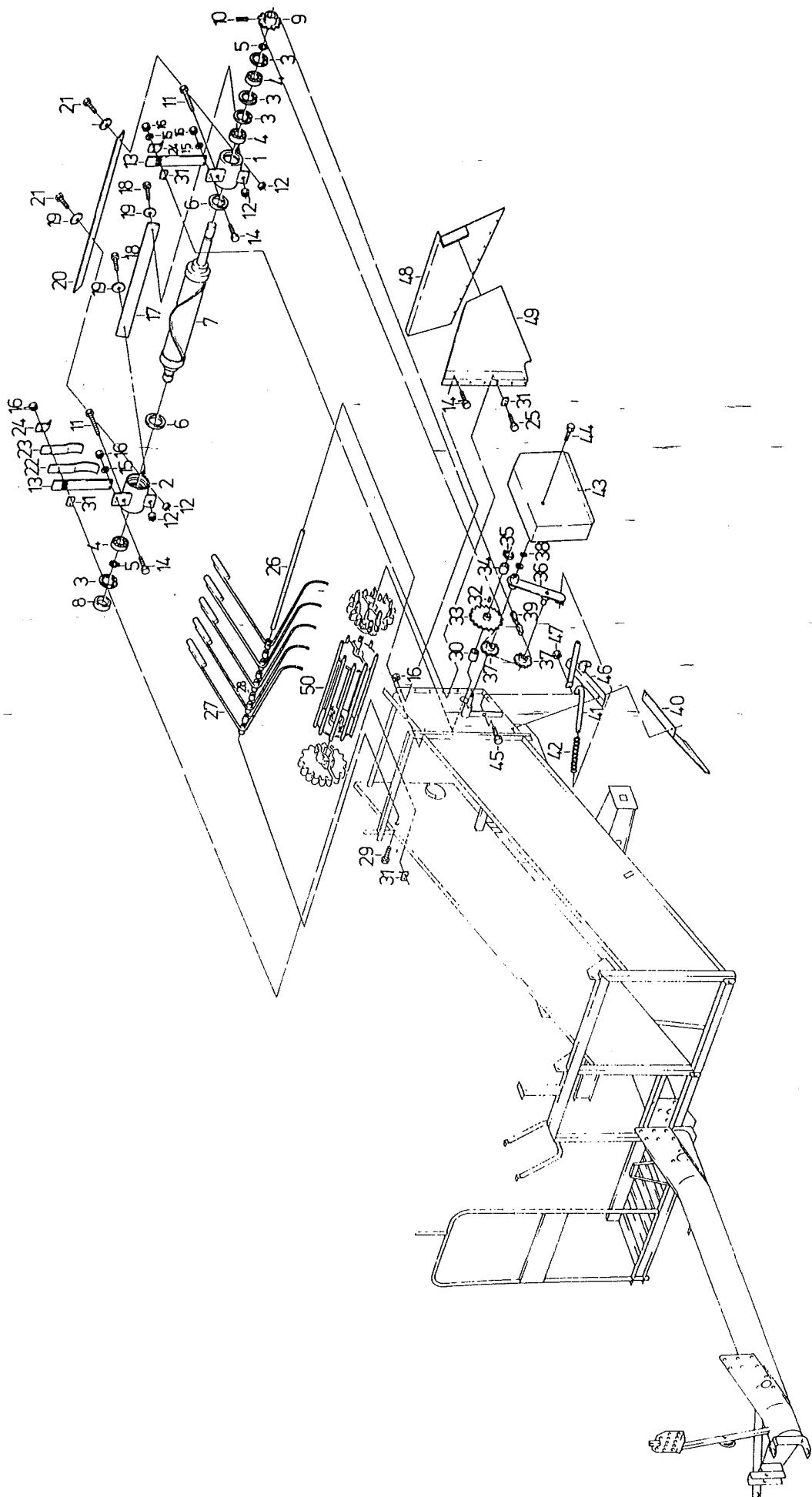
Item No.,	Part-Number	Description	Remarks
65	090.73.020.02	Cone friction lining	
66	170.30.050.08	Torque support	
67	121.78.020.00	Tensioning strap	
68	ERMETO GE 22-LM	Straight pipe union	
69		Suction tube, 22 mm in dia.	
70	Ø 22-36	Hose clip	
71	121.78.000.03	Transparent hose	
72		Suction tube, 22 mm in dia.	
73	ERMETO SWVE 22-LR	Swivel joint	
74	ERMETO SWVE 15-LR	Swivel joint	
75	ERMETO SWVE 15-LM	Swivel joint	
76	ERMETO G 15-L	Straight connector	
77	A 30 DIN 705	Setting ring	
78	400.79.000.06	Hydraulic pipe, 15 mm in dia.	
79	400.79.000.07	Hydraulic pipe, 15 mm in dia.	
80	400.79.000.08	Hydraulic pipe, 15 mm in dia.	
81	400.79.000.09	Hydraulic pipe, 15 mm in dia.	
82	M10x75 DIN 931	Hexagon nut	



Item No.	Part-Number	Description	Remarks
1	400.88.010.00	Swing carrier unit, front (comprising items 3-7)	
2	400.88.020.00	Swing carrier unit, rear (comprising items 3-7)	
3	400.88.011.00	Swing carrier frame	
4	200.25.011.04	Clod breaker rubber	
5	M10x45 DIN 603	Truss head screw	
6	A 10 DIN 127	Spring ring	
7	M 10 DIN 55	Hexagon nut	
8	M16x70 DIN 931	Hexagon head screw	
9	M 16 DIN 936	Hexagon nut	
10	400.88.000.01	Connecting shackle	
11	C 60 DIN 763	Link chain	
12			
13	400.93.000.00	Clod breaker rake unit	

Drawing 34 Haulm separating roller with drive and accessories

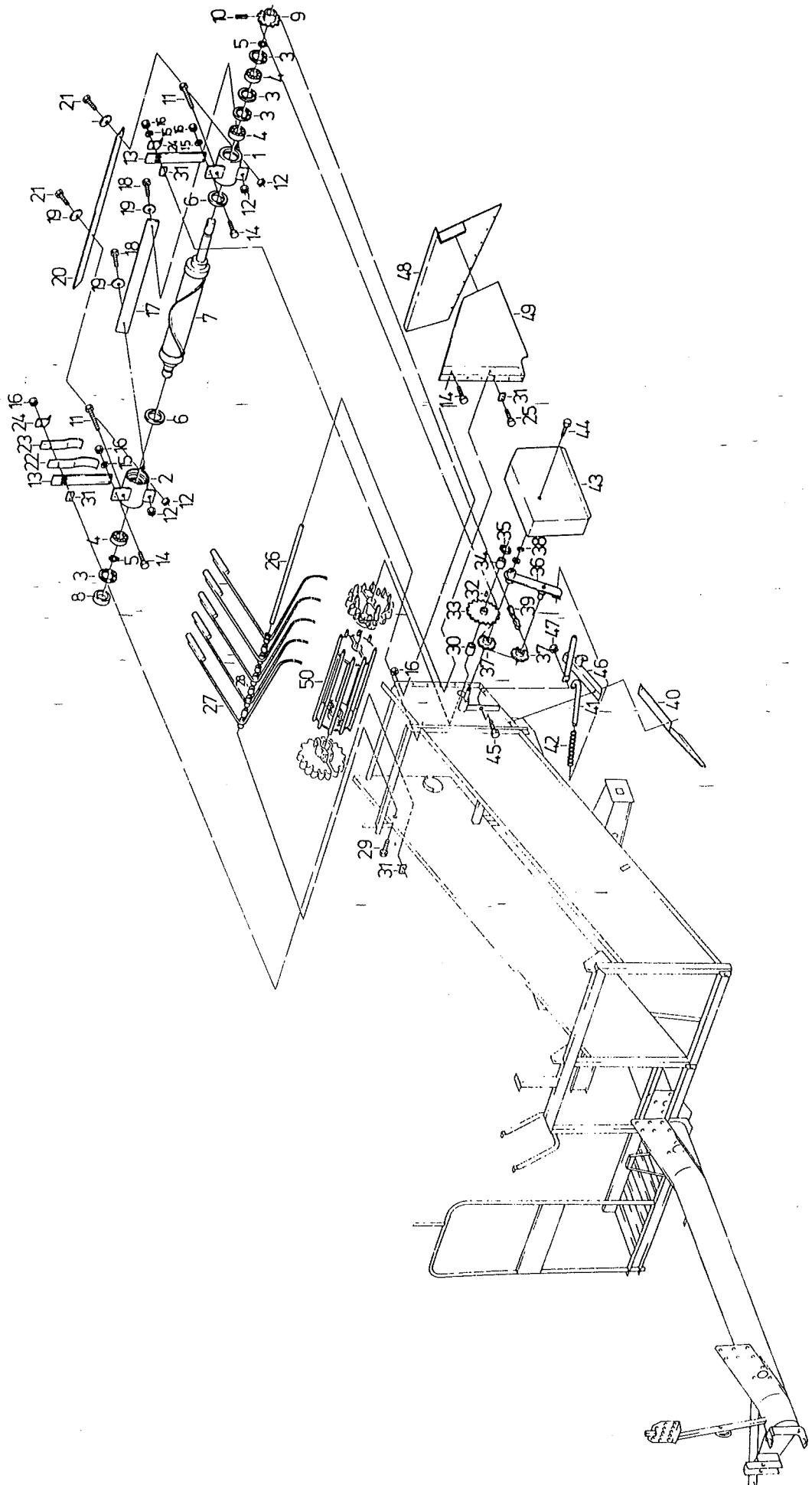
Planche 34 Rouleau séparateur fane avec entraînement et accessoires



Item No.	Part-Number	Description	Remarks
1	040.32.000.01	Haulm roller bearing, left	
2	040.32.000.02	Haulm roller bearing, right	
3	I 55 DIN 472	Retaining ring	
4	6006-RS DIN 625	Ball bearing	
5	A 30 DIN 471	Retaining ring	
6	000.85.000.22	Felt ring, 60 x 50 x 3	
7	400.14.011.00	Haulm roller	
8	040.32.000.03	Locking cover	
9	000.57.000.11	Chain sprocket	
10	8x50 DIN 1481	Clamping sleeve	
11	M12x55 DIN 933	Hexagon head screw	
12	M 12 DIN 555	Hexagon nut	
13	040.32.000.04	Spring leaf	
14	M8x25 DIN 931	Hexagon head screw	
15	A 8 DIN 127	Spring ring	
16	M 8 DIN 555	Hexagon nut	
17	400.14.010.01	Stripper	
18	M12x40 DIN 931	Hexagon head screw	
19	13 DIN 9021	Disc	
20	400.19.012.01	Guide rail	
21	M12x35 DIN 931	Hexagon head screw	
22	040.32.000.05	Additional spring	
23	040.32.000.06	Additional spring	
24	040.32.000.07	Clamping shackle	
25	M8x35 DIN 931	Hexagon head screw	
26	400.14.000.01	Haulm feeding rod axle	
27	400.14.040.00	Haulm feeding rod	
28	400.14.000.02	Distance tube	
29	M10x20 DIN 933	Hexagon head screw	
30	112.51.010.32	Distance tube	
31	040.00.000.10	Reinforcing plate	
32	A8x7x22 DIN 6885	Adjusting spring	
33	000.57.008.00	Chain sprocket, 36 teeth, 5/8"	
34	000.63.000.14	Distance tube	
35	A 30 DIN 471	Retaining ring	

Drawing 34 Haulm separating roller with drive and accessories

Planche 34 Rouleau séparateur fane avec entraînement et accessoires

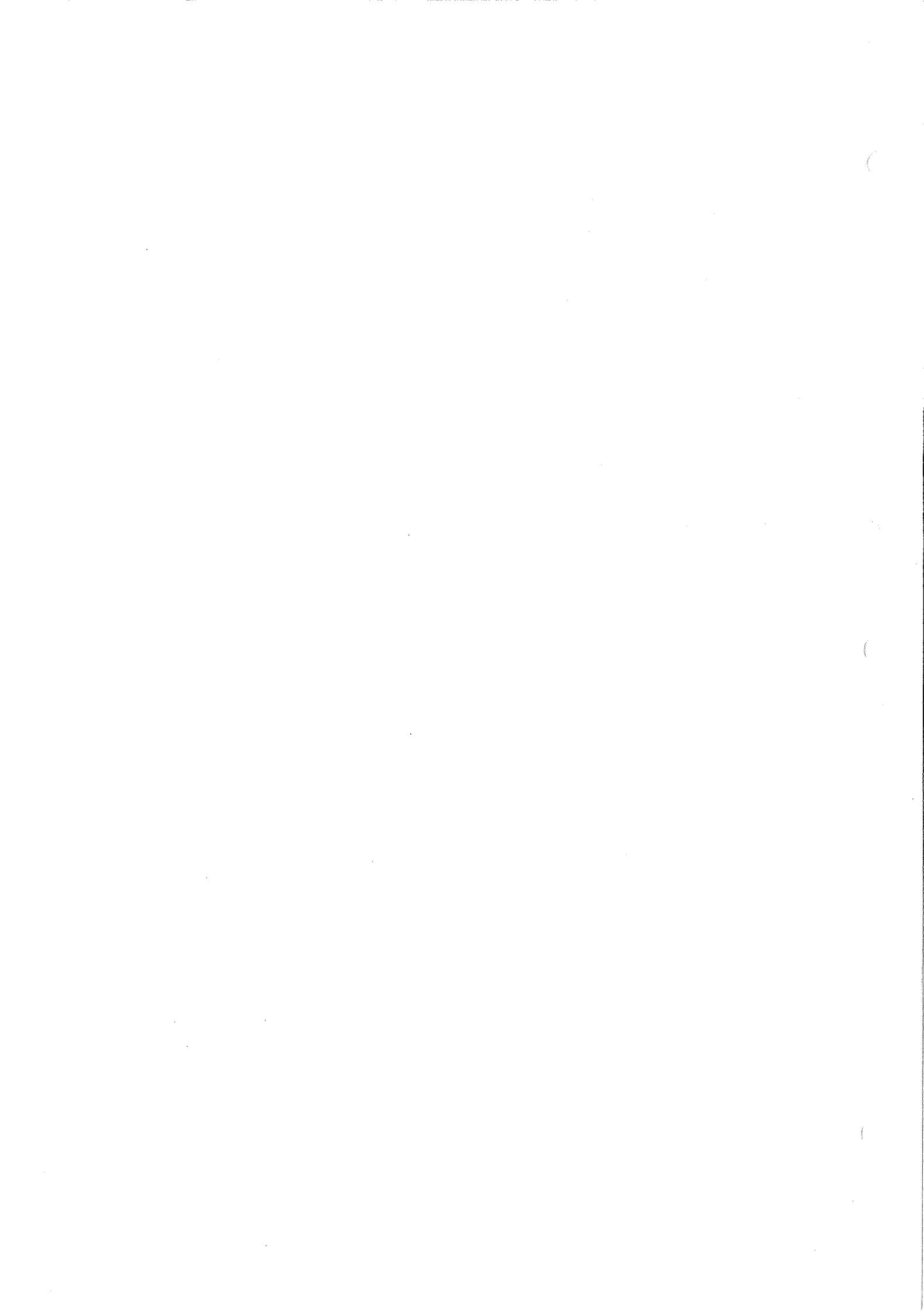


Drawing 34

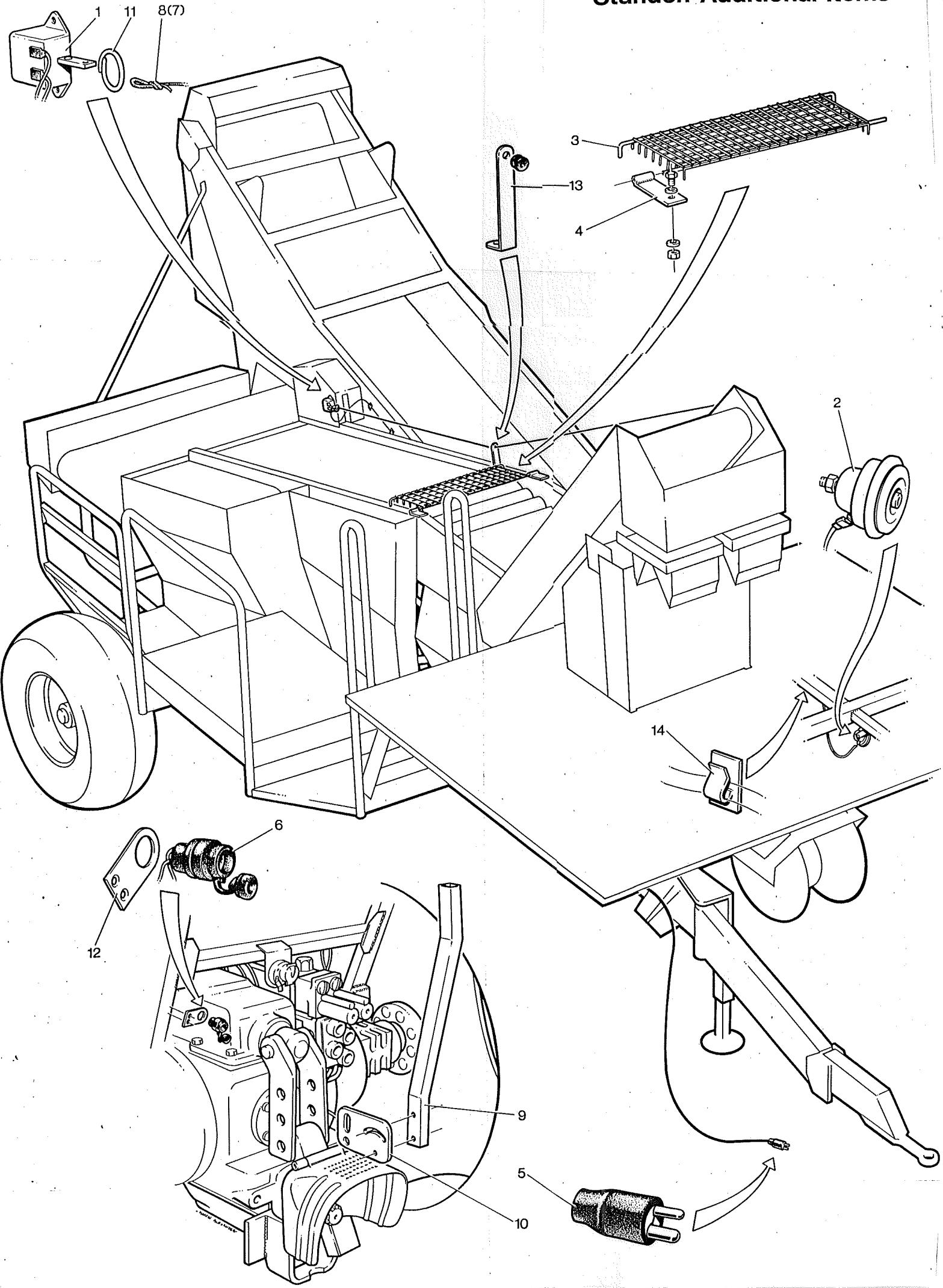
Haulm picking roller with drive
and accessories

1011

Item No.	Part-Number	Description	Remarks
36	400.14.030.00	Tensioning lever arm	
37	000.57.009.00	Deviating wheel unit	
38	A 17 DIN 471	Retaining ring	
39	5/8", 70 Rolls, DIN 8187	Roller chain	
40	400.14.000.05	Guide plate	
41	040.24.070.00	Tensioning rod	
42	040.24.000.05	Pressure spring	
43	401.45.050.00	Guard hood	
44	M8x16 DIN 933	Hexagon head screw	
45	M10x25 DIN 931	Hexagon head screw	
46	401.58.100.00	Carrying arm	
47	M 10 DIN 55	Hexagon nut	
48	401.58.18.00	Locking cover	
49	401.58.17.00	Side panel	
50.1	400.25.020.00	Sieving chain guard basket, 32 mm spacing	
50.2	400.26.020.00	Sieving chain guard basket, 36 mm spacing	
50.3	400.27.020.00	Sieving chain guard basket, 40 mm spacing	
50.4	400.24.020.00	Sieving chain guard basket, 45 mm spacing	



Standen Additional Items

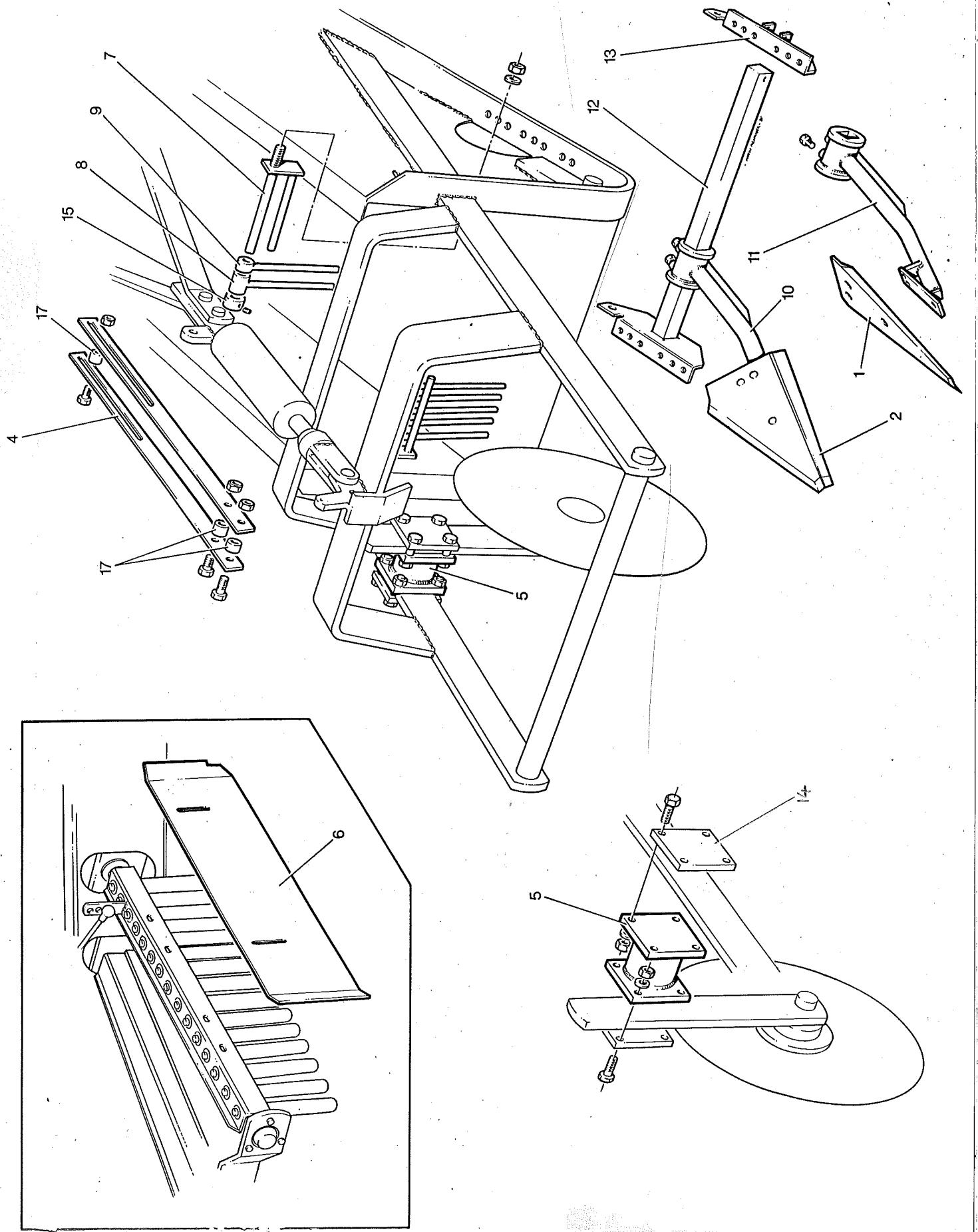


STANDEN ADDITIONAL ITEMS

(ASSY. No. W0966)

ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
1	W0681	SWITCH	1	
2	W0682	HORN	1	
3	W0710	GRADER GUARD	1	
4	W0711	GRADER GUARD BRACKET	2	
5	W0724	PLUG	1	
6	W0725	SOCKET	1	
7	W0736/2.0	3mm NYLON CORD	1	BUNKER MODELS
8	W0736/4.0	3mm NYLON CORD	1	BAGGER MODELS
9	W0745	VALVE BLOCK SUPPORT	1	
10	W0746	ADJUSTING PLATE	1	
11	W0748	5/8" SPLIT RING	1	
12	W0755	SOCKET BRACKET	1	
13	W0761	CORD BRACKET	1	
14	W0824	CHASSIS CLIP	8	

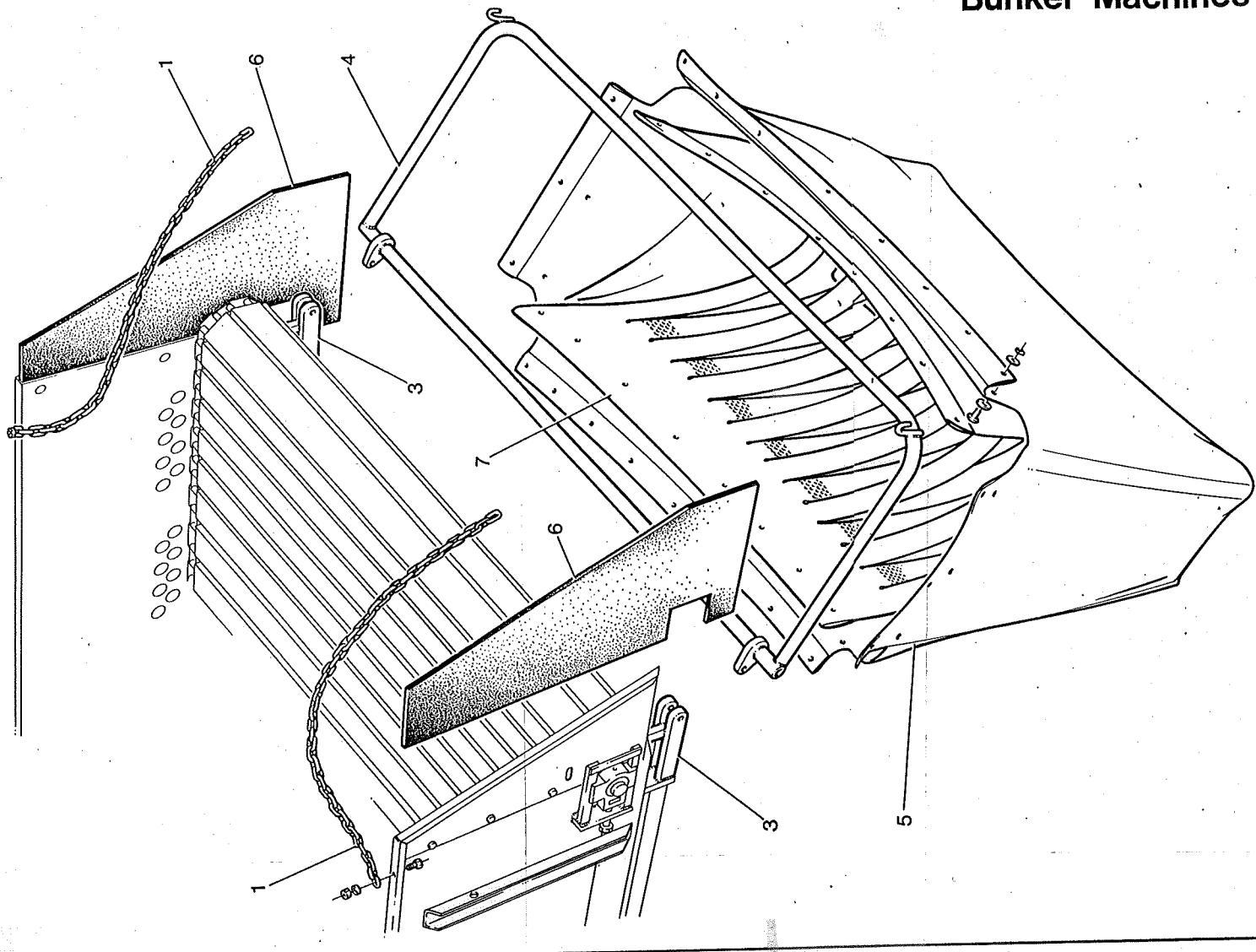
Carrot Machine Attachments



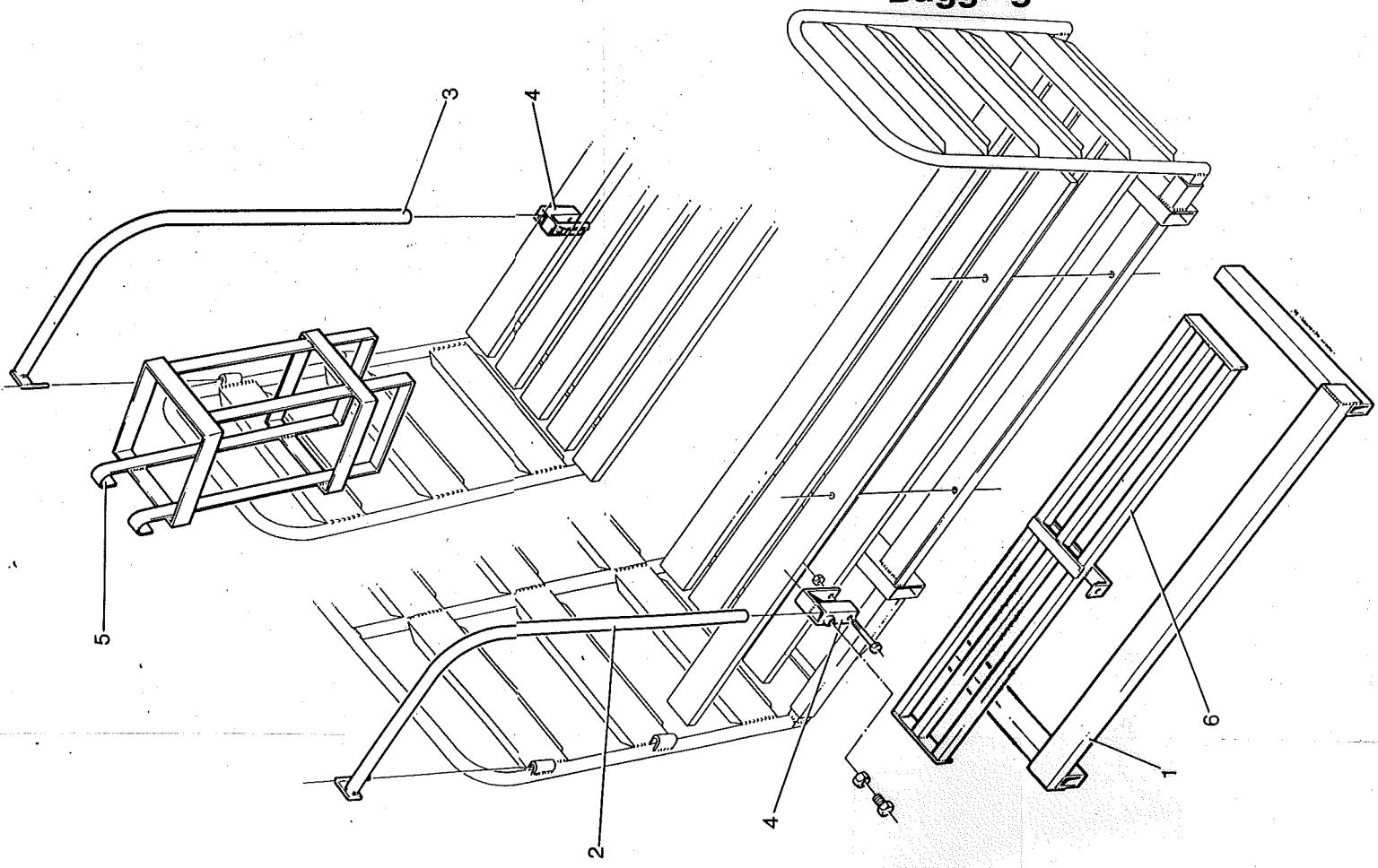
CARROT MACHINE ATTACHMENTS

(ASSY. No. W0978)

ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
1	W0715	SHARE BLADE (L.H.)	1	
2	W0716	SHARE BLADE (R.H.)	1	
3				
4	W0904	DEPTH STOP	2	
5	W0905	DISC MOUNTING SPACER	2	
6	W0906	DEFLECTOR	1	
7	W0907	FINGER HOLDER	2	
8	W0908	FINGER (WIDE)	4	
9	W0909	FINGER	6	
10	W0910	SHARE ARM (R.H.)	1	
11	W0911	SHARE ARM (L.H.)	1	
12	W0912	SHARE BRACKET (R.H.)	1	
13	W0913	SHARE BRACKET (L.H.)	1	
14	W0905/1	MOUNTING PLATE	4	
15	W0979	STOP COLLAR	2	
16				
17	SS025011/012	STEEL SPACER	3	



Bagging Platform Machines



BUNKER CHUTE KIT

(ASSY. No. W0968)

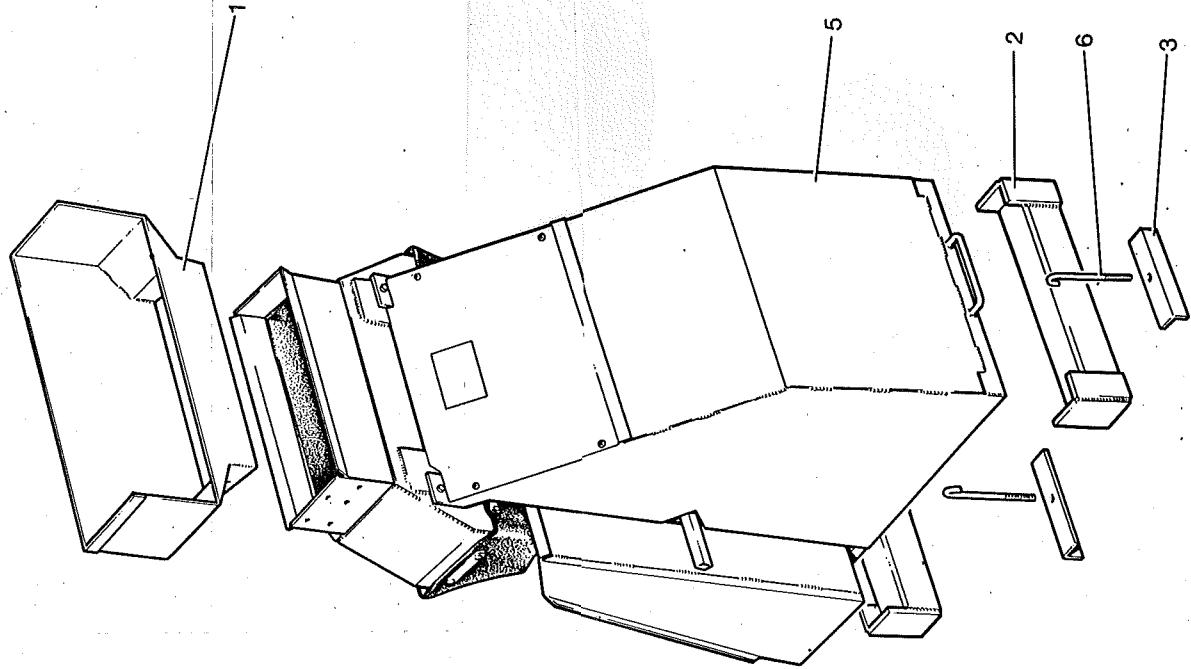
ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
1	PS520/38	CHAIN	2	
2				
3	W0737	CHUTE PIVOT BRACKET	2	WELD ON
4	W0738	CHUTE FRAME	1	
5	W0741	P.V.C. CHUTE	1	
6	W0742	SIDE FLAP	2	
7	W0958	FALL BREAKER	1	

BAGGING PLATFORM EXTRAS

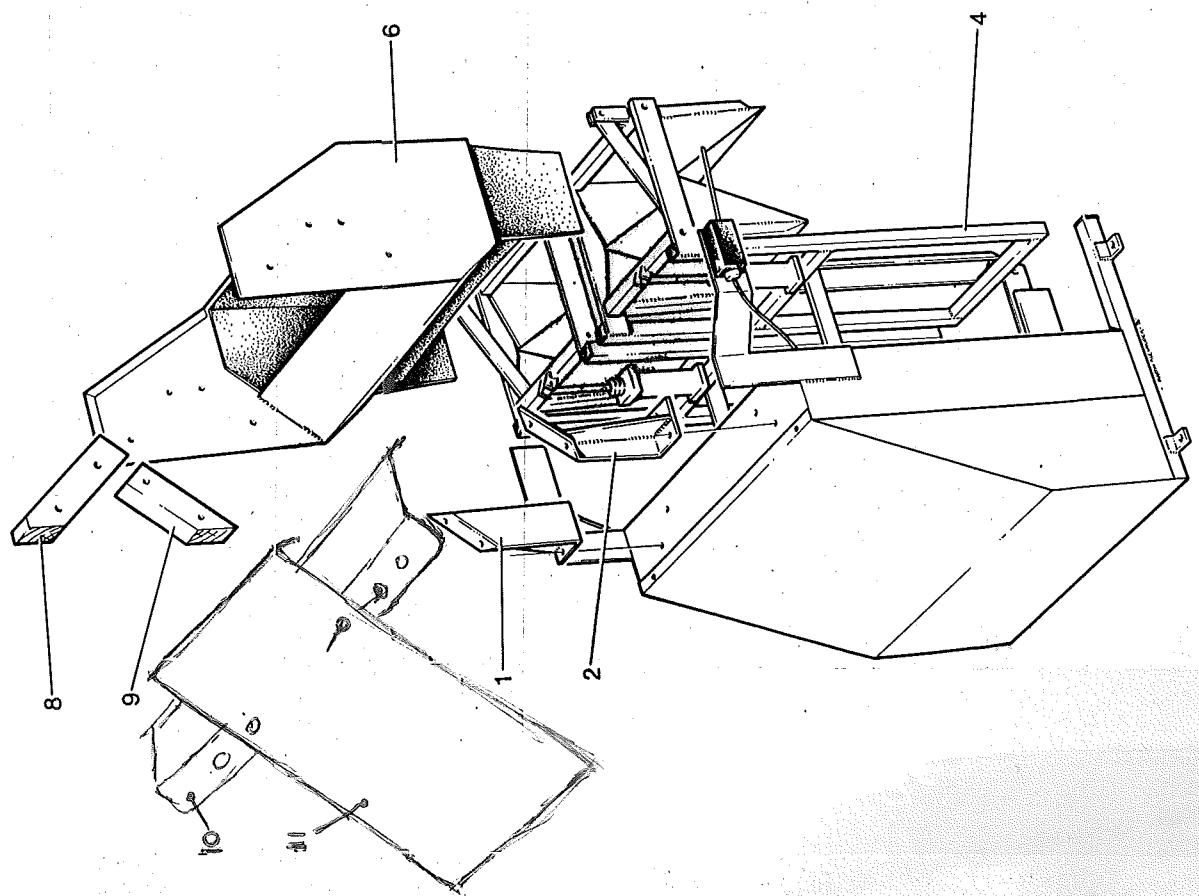
(ASSY. No. W0967)

1	W0698	PALLET EXTENSION	1	
2	W0699	GUARD RAIL (L.H.)	1	
3	W0700	GUARD RAIL (R.H.)	1	
4	W0702	GUARD RAIL SOCKET	2	
5	W0712	BAG HOLDER	1	
6	W0843	PALLET EXTENSION INFILL	1	
7	W1014	12mm BLANKING PLUG	1	
8	W1015	15mm BLANKING PLUG	2	

Walthambury Weigher Fitting Kit



Tong Auto-Weigher Fitting Kit



WALTHAMBURY WEIGHER FITTING KIT

(ASSY. No. W0976)

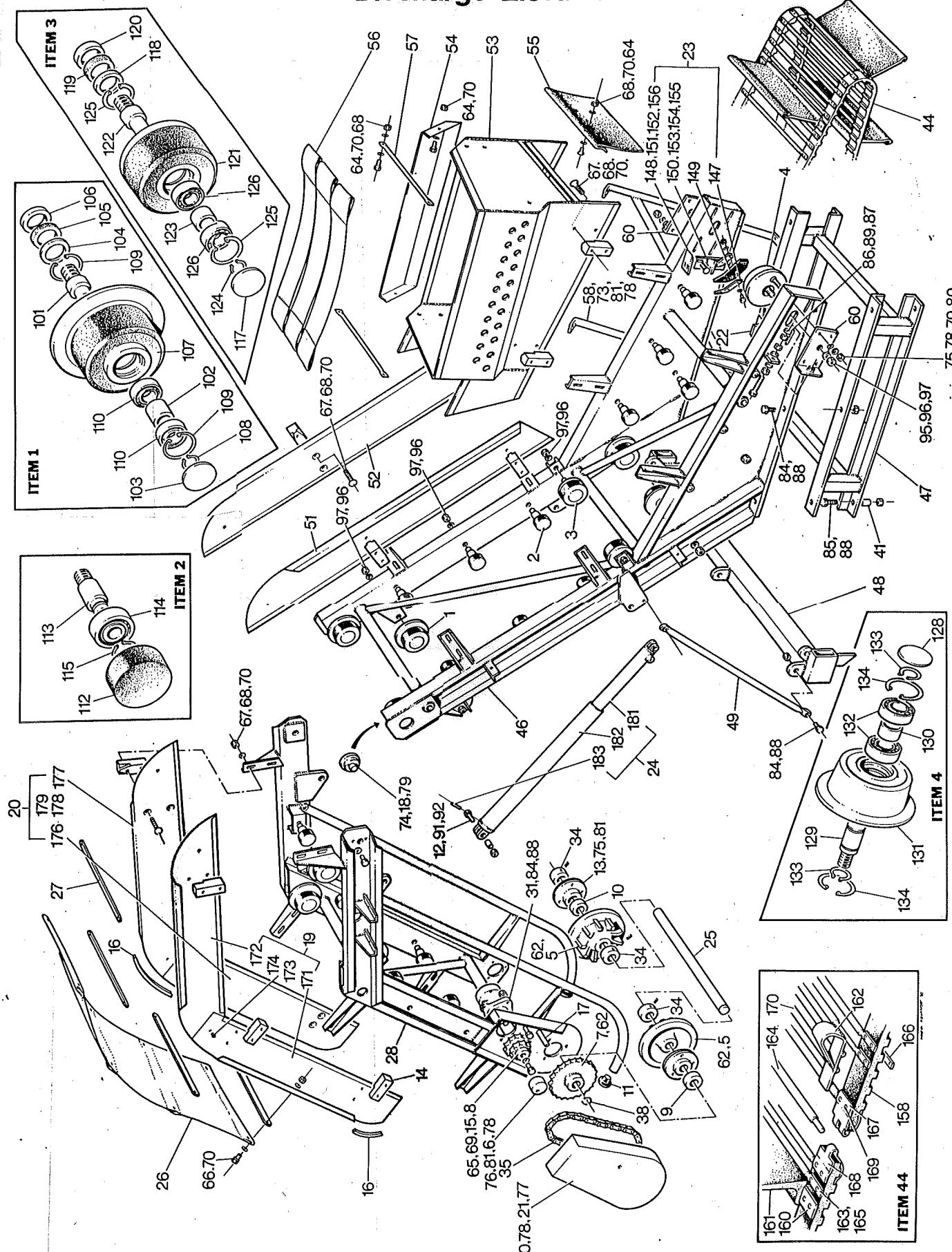
ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
1	W0768	HOPPER EXTENSION	1	
2	W0769	SPACER	2	
3	W0770	CLAMP	2	
4				
5	W0980	WEIGHING MACHINE	1	
6	W0981	HOOK BOLT	2	
7	W1040	EXTENSION ARM	1	WHEN BAGGING IN BUNKER

TONG AUTO-WEIGHER FITTING KIT

(ASSY. No. W0975)

1	W0827	ELEVATOR BRACKET (L.H.)	1	
2	W0828	ELEVATOR BRACKET (R.H.)	1	
3				
4	W0842	TONG AUTO-WEIGHER ASSEMBLY	1	
5				
6	W0971	HOPPER	1	
7	W0972	RUBBERING KIT	1	
8	W0973	ELEVATOR SPACER (TOP)	2	
9	W0974	ELEVATOR SPACER (SIDE)	2	
10	W1038	DIRT CHUTE SUPPORT	1	
11	W1039	DIRT CHUTE	1	
12	W1040	EXTENSION ARM	1	WHEN BAGGING IN BUNKER

Discharge Elevator



DISCHARGE ELEVATOR ASSEMBLY

(ASSY. No. W0903)

ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
1	0000300400	ROLLER ASSEMBLY	10	
2	0000301600	ROLLER ASSEMBLY	20	
3	0000301800	ROLLER ASSEMBLY	2	
4	0000302000	ROLLER ASSEMBLY	2	
5	0000810001	TOOTHED ROLLER	2	
6	0005000014	WOODEN BLOCK	1	
7	0005800100	SPROCKET	1	
8	0005800700	DOUBLE SPROCKET	1	
9	0006300001	STEEL SPACER	1	
10	0006300002	STEEL SPACER	1	
11	1105109007	RUBBER CAP	2	
12	2000600006	BEARING BUSH	4	
13	2020800000/1	BEARING	2	
14	2022000016	WOODEN BLOCK	14	
15	2062000005	WASHER	1	
16	2502000000/5	PROTECTIVE STRIP	0.48m	
17	2502000002	SPACER TUBE	1	
18	2502000003	BEARING FLANGE	2	
19	2502008000	TOP WEB SIDE (FRONT)	1	
20	2502009000	TOP WEB SIDE (REAR)	1	
21	2502013000	GUARD	1	
22	2502014000	FRONT ROLLER SCRAPER ASSEMBLY	1	
23	2502015000	REAR ROLLER SCRAPER ASSEMBLY	1	
24	2502016000	HYDRAULIC RAM	2	
25	4027500001	SHAFT	1	
26	4027500002	P.V.C. COVER	1	
27	4027500003	STAY	4	
28	4027504000	ELEVATOR	1	
29				
30				
31	14069	HYDRAULIC MOTOR	1	
32				
33				
34	PS326M	STOP COLLAR	2	
35	PS871/53	CHAIN	1	
36				
37				
38	RH56	CIRCLIP	1	
39				
40				
41	SS063013/032	STEEL SPACER	4	
42				
43				
44	W0688	WEB ASSEMBLY	1	
45				
46	W0706	BOTTOM SECTION	1	
47	W0707	STAND	1	
48	W0708	STAY CARRIER	1	
49	W0709	STAY	2	
50				

DISCHARGE ELEVATOR ASSEMBLY

(ASSY. No. W0903)

ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
51	W0850	FRONT SIDE GUIDE	1	
52	W0851	REAR SIDE GUIDE	1	
53	W0854	HOPPER	1	
54	W0855	HOPPER PANEL	1	
55	W0856	RUBBER FLAP	1	
56	W0857	FALL BREAKER	3	
57	W0858	BREAKER HOLDER	2	
58	W0859	ELEVATOR STAY	1	
59				
60	W0901	ROLLER PLATE	2	
61				
62		8 x 7 x 36 R.B.E. KEY	3	
63				
64		M8 RD HD SETSCREW x 20	10	
65		M8 HEX HD SETSCREW x 50	1	
66		M8 RD HD BOLT x 25	8	
67		M8 RD HD BOLT x 80	28	
68		M8 PLAIN WASHER	36	
69		M8 SPRING WASHER	1	
70		M8 LOCKNUT	46	
71				
72				
73		M10 HEX HD BOLT x 25	4	
74		M10 HEX HD SETSCREW x 30	4	
75		M10 RD HD BOLT x 30	14	
76		M10 RD HD BOLT x 65	1	
77		M10 RD HD BOLT x 125	1	
78		M10 WASHER	15	
79		M10 SPRING WASHER	12	
80		M10 HEX NUT	10	
81		M10 LOCKNUT	11	
82				
83				
84		M12 BOLT x 40	12	
85		M12 BOLT x 85	4	
86		M12 SETSCREW x 150	2	
87		M12 WASHER	2	
88		M12 LOCKNUT	14	
89		M12 HEX NUT	6	
90				
91		M16 BOLT x 50	4	
92		M16 LOCKNUT	4	
93				
94				
95		M20 PLAIN WASHER	2	
96		M20 SHAKEPROOF WASHER	34	
97		M20 HEX THIN NUT	34	
98				
99				
100				

DISCHARGE ELEVATOR ASSEMBLY

(ASSY. No. W0903)

ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
	0000300400	ROLLER ASSEMBLY CONSISTS OF :-		
101	0000300302	SPINDLE	1	
102	0000300303	PLASTIC TUBE	1	
103	0000300304	DUST COVER	1	
104	0000300305	WASHER	1	
105	0000300306	FELT RING	1	
106	0000300307	DUST COVER	1	
107	0000300402	ROLLER	1	
108	W0114	CIRCLIP	1	
109	W0115	CIRCLIP	2	
110	W16003	BEARING	2	
111				
	0000301600	ROLLER ASSEMBLY CONSISTS OF :-		
112	0000301601	ROLLER	1	
113	0000301602	SPINDLE	1	
114	6204 2RS	BEARING	1	
115	12298	CIRCLIP	1	
116				
	0000301800	ROLLER ASSEMBLY CONSISTS OF :-		
117	0000300304	DUST COVER	1	
118	0000300305	WASHER	1	
119	0000300306	FELT RING	1	
120	0000300307	DUST COVER	1	
121	0000301802	ROLLER	1	
122	0000301803	SPINDLE	1	
123	0000301804	SPACER	1	
124	W0114	CIRCLIP	1	
125	W0115	CIRCLIP	2	
126	W16003	BEARING	2	
127				
	0000302000	ROLLER ASSEMBLY CONSISTS OF :-		
128	0000300202	DUST COVER	1	
129	0000302002	SPINDLE	1	
130	01030013001	STEEL SPACER	1	
131	0150400001	ROLLER	1	
132	6006 RS	BEARING	2	
133	RH56	CIRCLIP	2	
134	W0111	CIRCLIP	2	
135				

DISCHARGE ELEVATOR ASSEMBLY

(ASSY. No. W0903)

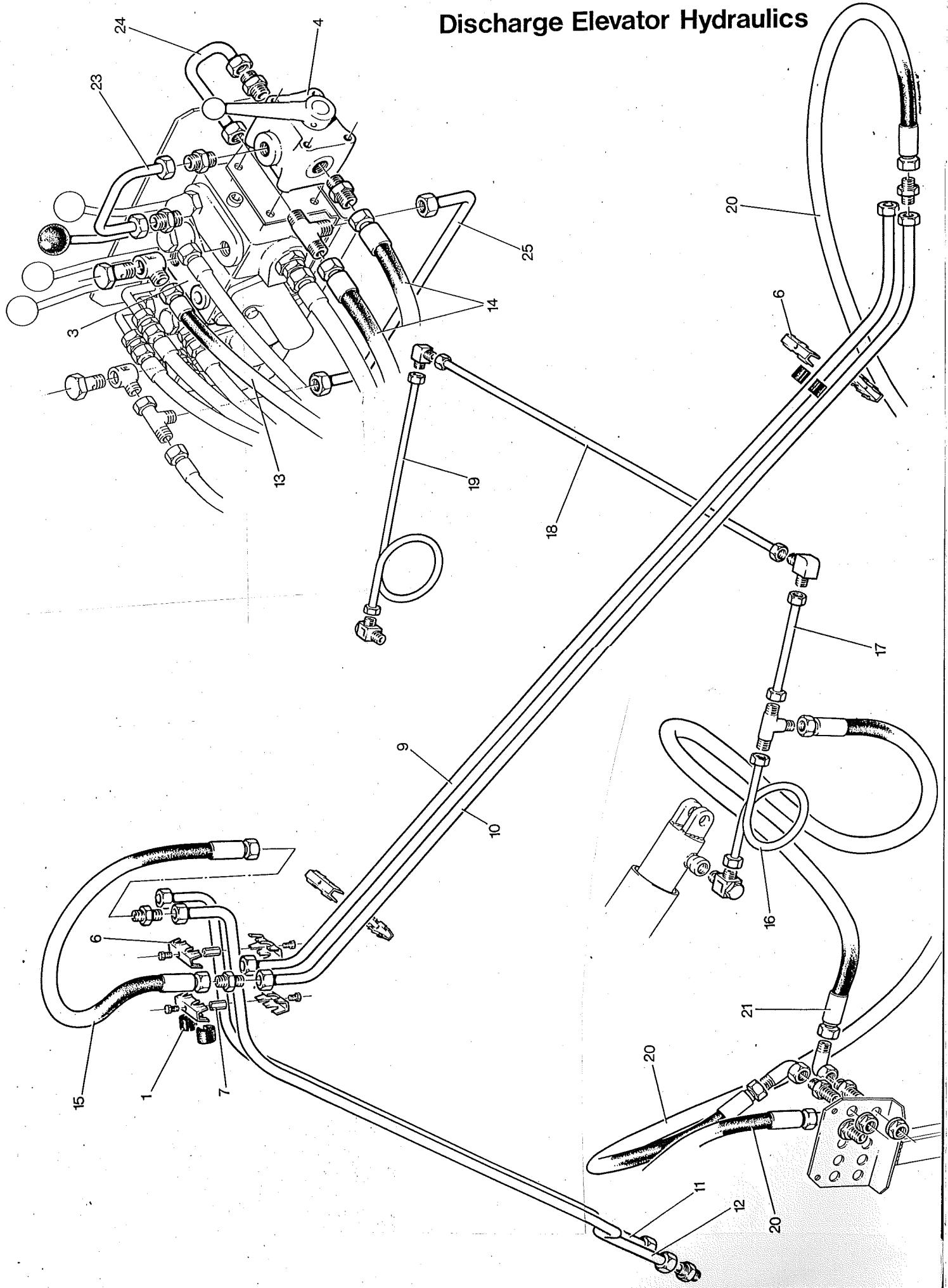
ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
	2502014000	FRONT ROLLER SCRAPER ASSY CONSISTS OF:-		
136	2042014002	CLAMP STRIP	1	
137	2042014003	SCRAPER	1	
138	2502014001	RUBBER	1	
139	2502014100	BRACKET (FRONT)	1	
140		M10 HEX HD SETSCREW x 20	2	
141		M10 SPRING WASHER	2	
142		M8 FLAT WASHER	3	
143		M8 NYLOCK NUT	3	
144		M8 RD HD SETSCREW x 25	3	
145		M10 FLAT WASHER	2	
	2502015000	REAR ROLLER SCRAPER ASSY CONSISTS OF:-		
147	2042014002	CLAMP STRIP	1	
148	2042014003	SCRAPER	1	
149	2502014001	RUBBER	1	
150	2502015100	BRACKET (REAR)	1	
151		M10 HEX HD SETSCREW x 20	2	
152		M10 SPRING WASHER	2	
153		M8 FLAT WASHER	3	
154		M8 NYLOCK NUT	3	
155		M8 RD HD SETSCREW x 25	3	
156		M10 FLAT WASHER	2	
	W0688	WEB ASSEMBLY CONSISTS OF :-		
158	W0688/1	WEB BELT	2	
159	W0688/2	JOINING ROD	1	
160	W0688/3	FLAT WEB LINK	34	
161	W0688/4	LAT	34	
162	W0688/5	DROP AWAY LINK	2	
163	W0688/6	WEB BAR	199	
164	W0688/7	BAR COVER	200	
165	W0617/8	WEB BAR RIVET	A/R	
166	W0617/10	CLAMP PLATE	470	
167	W0628/1	FEMALE CONNECTOR	2	
168	W0628/2	MALE CONNECTOR	2	
169	W0630/8	CONNECTOR RIVET	A/R	
170	W0959	DROP AWAY LINK COVER	6	
	2502008000	TOP WEB SIDE FRONT CONSISTS OF :-		
171	2502008001	INNER PLATE	1	
172	2502008002	OUTER PLATE	1	

DISCHARGE ELEVATOR ASSEMBLY

(ASSY. No. W0903)

ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
173		M6 HEX HD SETSCREW x 12	1	
174		M6 LOCKNUT	1	
175				
176	2502009000	TOP WEB SIDE REAR CONSISTS OF :-		
177	2502009001	INNER PLATE	1	
178	2502009002	OUTER PLATE	1	
179		M6 HEX HD SETSCREW x 12	1	
180		M6 LOCKNUT	1	
181	2502016000	HYDRAULIC RAM ASSEMBLY CONSISTS OF :-		
182	2502016001	HYDRAULIC RAM	1	
183	2502016100	SHIELD	1	
184	W0060	ROLL PIN	1	

Discharge Elevator Hydraulics

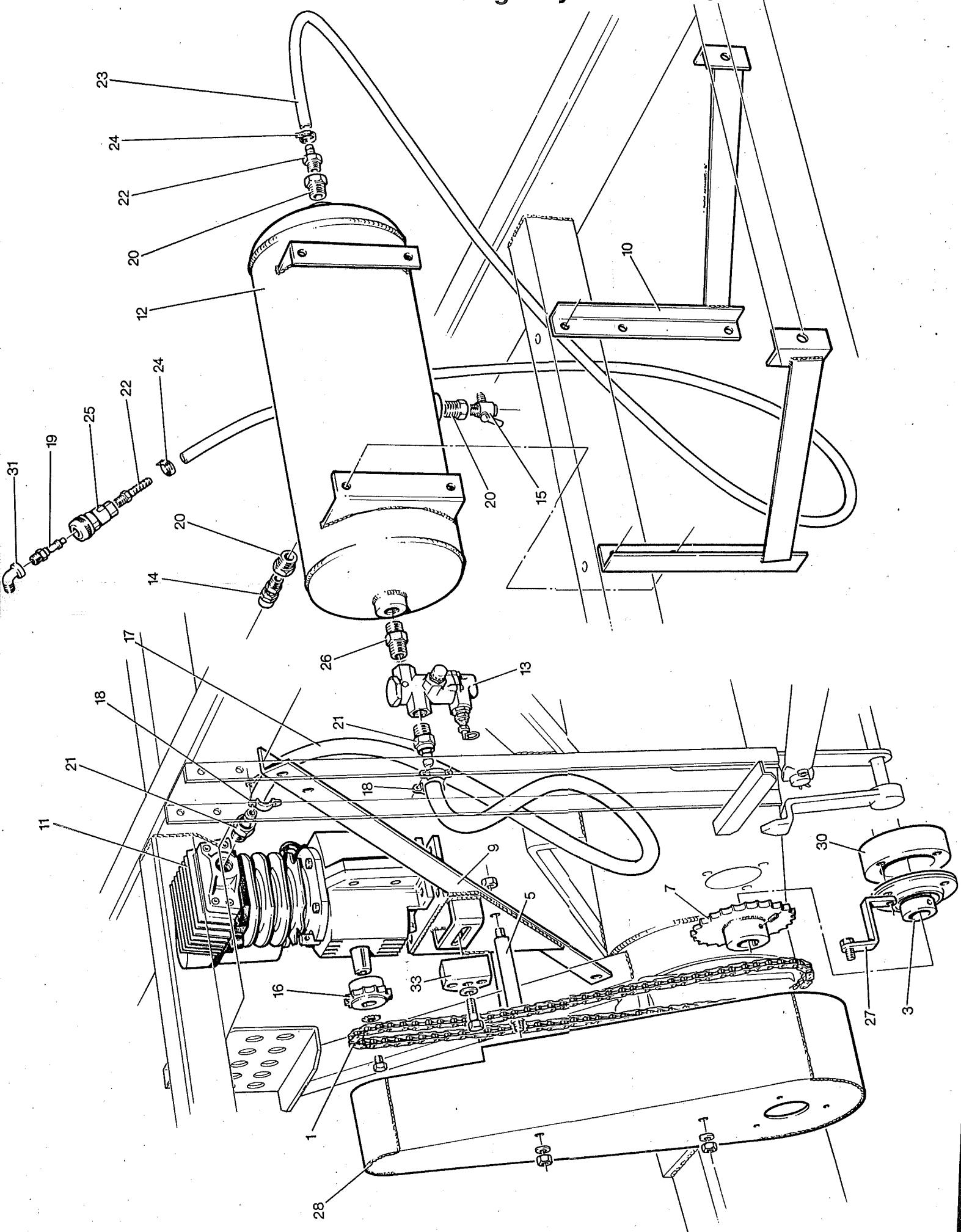


DISCHARGE ELEVATOR HYDRAULICS

(ASSY. No. W0977)

ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
1	12590	GROMMET	8	
2				
3	2512100000/3	RAM VALVE	1	
4	2512100000/8	MOTOR VALVE	1	
5				
6	SPCT208	PIPE CLAMP	8	
7	SPCT212	STACKING NUT	4	
8				
9	W0792	STEEL PIPE ASSEMBLY	1	
10	W0793	STEEL PIPE ASSEMBLY	1	
11	W0794	STEEL PIPE ASSEMBLY	1	
12	W0795	STEEL PIPE ASSEMBLY	1	
13	W0803	HOSE ASSEMBLY	1	
14	W0810	HOSE ASSEMBLY	2	
15	W0811	HOSE ASSEMBLY	2	
16	W0915	STEEL PIPE ASSEMBLY	1	
17	W0916	STEEL PIPE ASSEMBLY	1	
18	W0917	STEEL PIPE ASSEMBLY	1	
19	W0918	STEEL PIPE ASSEMBLY	1	
20	W0919	HOSE ASSEMBLY	2	
21	W0920	HOSE ASSEMBLY	1	
22				
23	W0982	STEEL PIPE ASSEMBLY	1	
24	W0983	STEEL PIPE ASSEMBLY	1	
25	W0984	STEEL PIPE ASSEMBLY	1	

Single Cylinder Compressor Fitting Kit



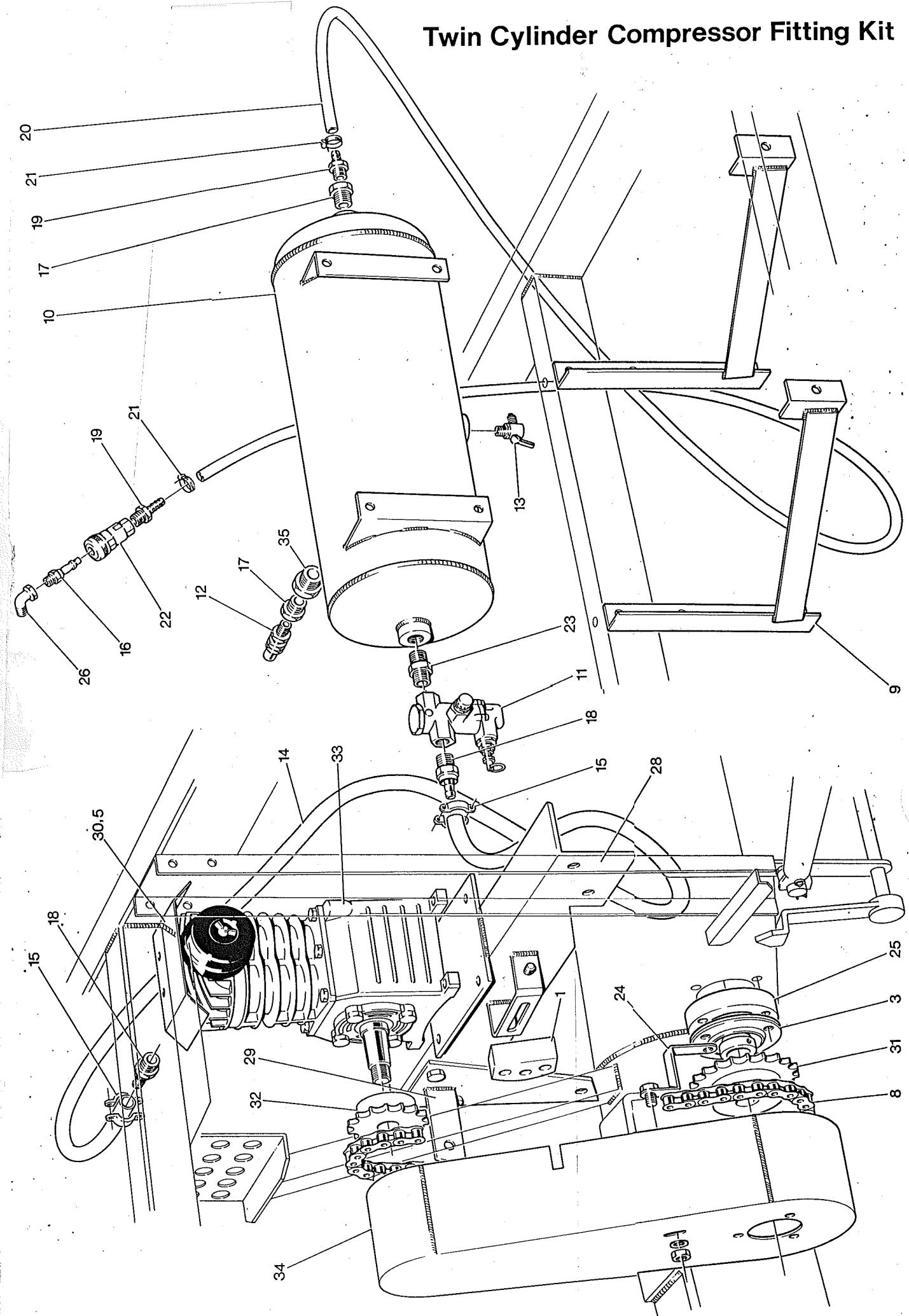
SINGLE CYLINDER COMPRESSOR FITTING KIT

(ASSY. No. W0969)

ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
1	W0986/100	DRIVE CHAIN	1	
2				
3	2020800000/1	BEARING	1	
4				
5	SP225M	GUARD BOLT	1	
6				
7	TBMW169	34Tx½"P SPROCKET	1	
8				
9	W0713	COMPRESSOR BRACKET	1	
10	W0714	AIR TANK BRACKET	2	
11	W0717	SINGLE CYLINDER COMPRESSOR	1	
12	W0718	AIR TANK	1	
13	W0721	UNLOADING VALVE	1	
14	W0722	RELIEF VALVE	1	
15	W0723	DRAIN TAP	1	
16	W0726	15Tx½"P SPROCKET	1	
17	W0727	½" BORE HOSE	2M	
18	W0728	½" HOSE CLAMP	2	
19	W0729	MALE Q/R COUPLING	1	
20	W0730	½"BSP MALE x ¼"BSP FEMALE REDUCER	3	
21	W0731	½"BSP MALE x ½" HOSE TAIL FITTING	2	
22	W0732	¼"BSP x ¾" HOSE TAIL FITTING	2	
23	W0733	¾" AIR HOSE	2M	
24	W0734	JUBILEE CLIP	2	
25	W0735	FEMALE Q/R COUPLING	1	
26	W0747	½"BSP MALE-MALE ADAPTOR	1	
27	W0760	GUARD BRACKET	1	
28	W0762	GUARD	1	
29				
30	W0965	BEARING SPACER	1	
31	W0996	¼"BSP MALEx¼"BSP FEMALE TAPER FITTING	1	
32				
33	17155	CHAIN TENSIONER	1	

FOR TWIN CYLINDER COMPRESSOR SEE NEXT ILLUSTRATION

Twin Cylinder Compressor Fitting Kit



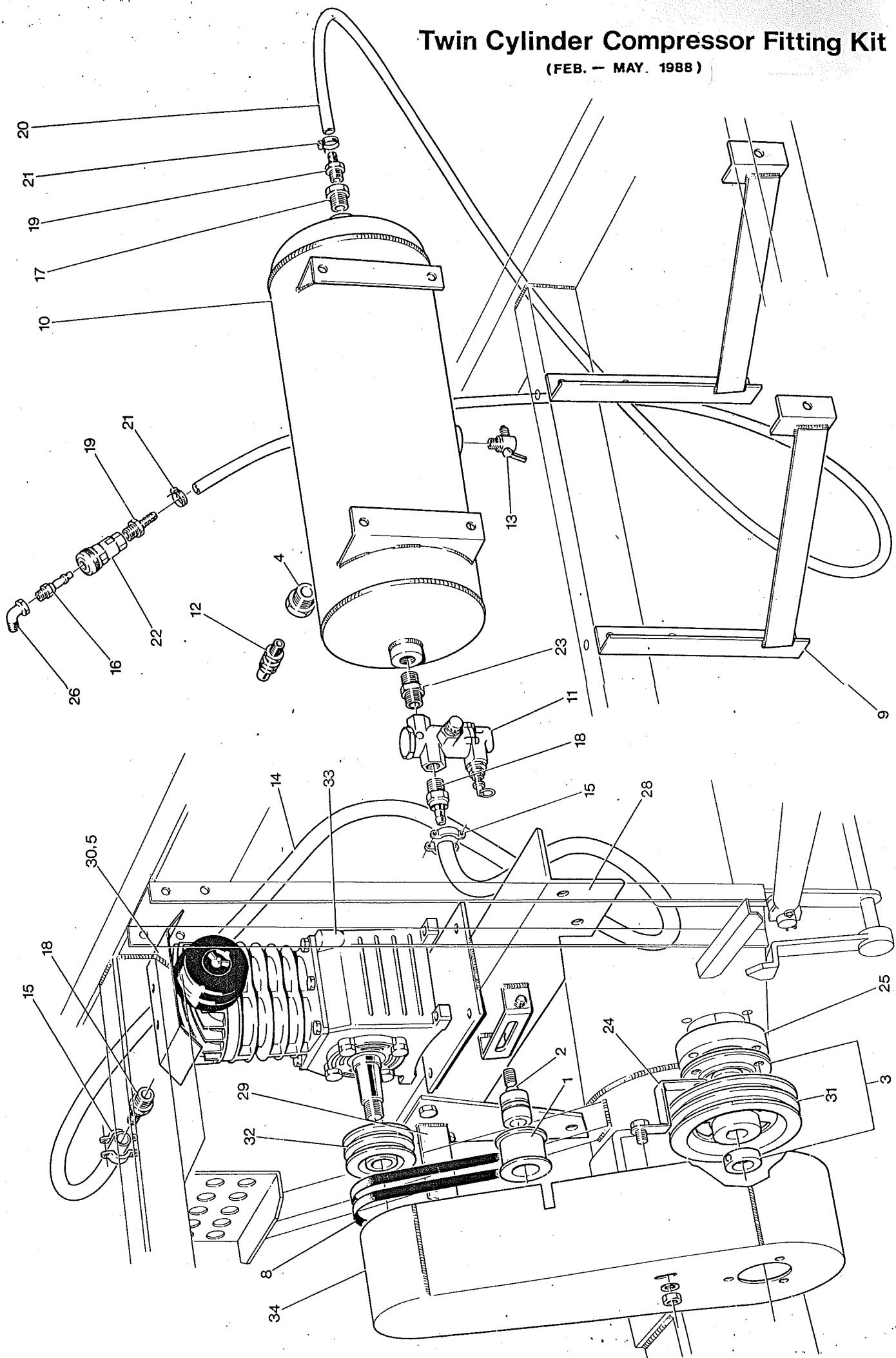
TWIN CYLINDER COMPRESSOR FITTING KIT

(ASSY. No. W1023)

ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
1	17155	CHAIN TENSIONER	1	
2				
3	2020800000/1	BEARING	1	
4				
5	SS016009/030	STEEL SPACER	2	
6				
7				
8	W0644/74	%" ASA CHAIN	1	
9	W0714	AIR TANK BRACKET	2	
10	W0718	AIR TANK	1	
11	W0721	UNLOADING VALVE	1	
12	W0722	RELIEF VALVE	1	
13	W0723	DRAIN TAP	1	
14	W0727	½" BORE STEAM HOSE	2M	
15	W0728	½" HOSE CLAMP	2	
16	W0729	MALE Q/R COUPLING	1	
17	W0730	½" MALE x ¼" FEMALE REDUCER	2	
18	W0731	½" MALE x ½" HOSE TAIL FITTING	2	
19	W0732	¼" MALE x ¾" HOSE TAIL FITTING	2	
20	W0733	¾" AIR HOSE	2M	
21	W0734	JUBILEE CLIP	2	
22	W0735	FEMALE Q/R COUPLING	1	
23	W0747	½" MALE-MALE ADAPTOR	1	
24	W0760	GUARD BRACKET	1	
25	W0965	BEARING SPACER	1	
26	W0996	¼" MALE x ¼" FEMALE BSP TAPER FITTING	1	
27				
28	W1016	COMPRESSOR MOUNTING	1	
29	W1017	SUPPORT PLATE	1	
30	W1018	AIR FILTER COVER	1	
31	W1019	26T SPROCKET	1	
32	W1020	18T SPROCKET	1	
33	W1021	TWIN CYLINDER COMPRESSOR	1	
34	W1022	GUARD	1	
35	W1026	¾" MALE x ½" FEMALE REDUCER	1	
36				
37	FOR SINGLE CYLINDER COMPRESSOR SEE PREVIOUS ILLUSTRATION			
38				
39				
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Twin Cylinder Compressor Fitting Kit

(FEB. — MAY. 1988)



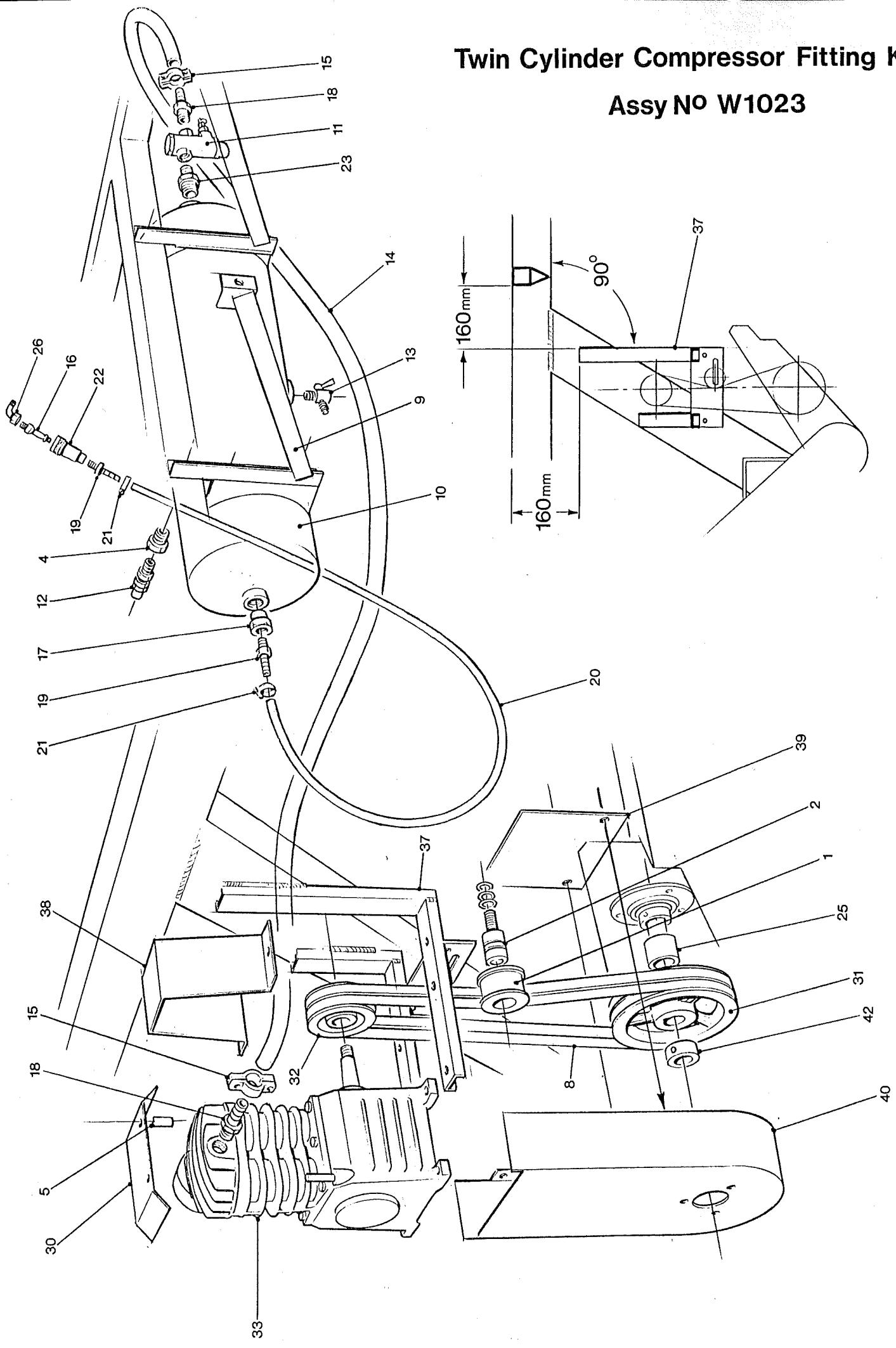
TWIN CYLINDER COMPRESSOR FITTING KIT

(ASSY. No. W1023)

No.	PART No.	DESCRIPTION	QTY	REMARKS
1	TBMW717	JOCKEY ROLLER	1	
2	FPS118	PUMP BEARING	1	
3	2020800000/1	BEARING	1	
4				
5	SS016009/030	STEEL SPACER	2	
6				
7				
8	VB74	"V" BELT	2	
9	W0714	AIR TANK BRACKET	2	
10	W0718	AIR TANK	1	
11	W0721	UNLOADING VALVE	1	
12	W0722	RELIEF VALVE	1	
13	W0723	DRAIN TAP	1	
14	W0727	½" BORE STEAM HOSE	2M	
15	W0728	½" HOSE CLAMP	2	
16	W0729	MALE Q/R COUPLING	1	
17	W0730	½" MALE x ¼" FEMALE REDUCER	2	
18	W0731	½" MALE x ½" HOSE TAIL FITTING	2	
19	W0732	¾" MALE x ⅜" HOSE TAIL FITTING	2	
20	W0733	¾" AIR HOSE	2M	
21	W0734	JUBILEE CLIP	2	
22	W0735	FEMALE Q/R COUPLING	1	
23	W0747	½" MALE-MALE ADAPTOR	1	
24	W0760	GUARD BRACKET	1	
25	W0965	BEARING SPACER	1	
26	W0996	¼" MALE x ¼" FEMALE BSP TAPER FITTING	1	
27				
28	W1016	COMPRESSOR MOUNTING	1	
29	W1017	SUPPORT PLATE	1	
30	W1018	AIR FILTER COVER	1	
31	26160	"V" BELT PULLEY 6"	1	
32	26161	"V" BELT PULLEY 3"	1	
33	W1021	TWIN CYLINDER COMPRESSOR	1	
34	W1022	GUARD	1	
35	W1026	¾" MALE x ½" FEMALE REDUCER	1	
36				
37	FOR SINGLE CYLINDER COMPRESSOR SEE PREVIOUS ILLUSTRATION			
38				
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Twin Cylinder Compressor Fitting Kit

Assy No W1023

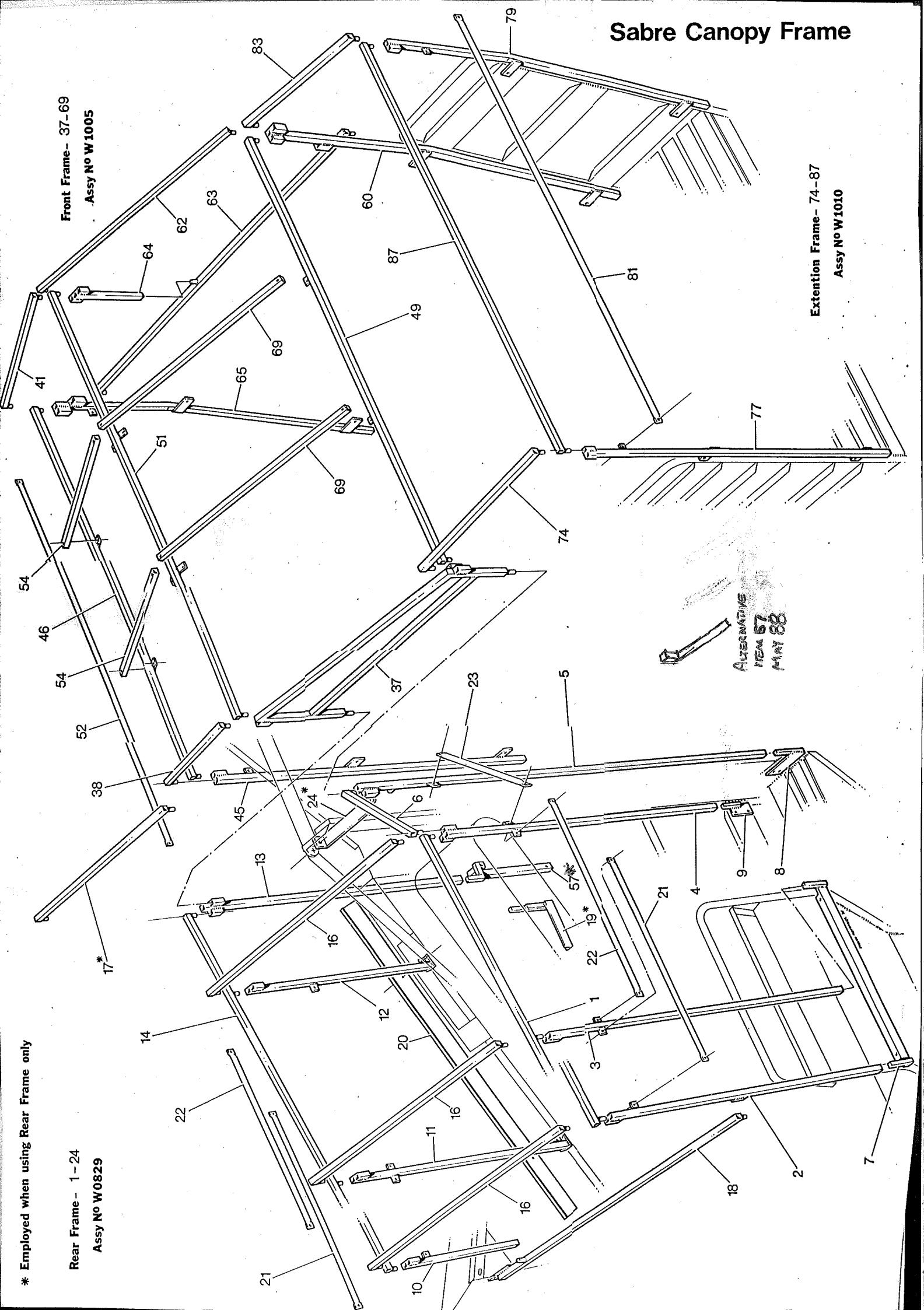


TWIN CYLINDER COMPRESSOR FITTING KIT

(ASSY. No. W1023)

ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
1	TBMW717	JOCKEY ROLLER	1	
2	FPS118	PUMP BEARING	1	
3				
4	26174	¾" MALE x ¼" FEMALE REDUCER	1	
5	SS016009/030	STEEL SPACER	2	
6				
7				
8	VB74	"V" BELT	2	
9	W0714	AIR TANK BRACKET	2	
10	W0718	AIR TANK	1	
11	W0721	UNLOADING VALVE	1	
12	W0722	RELIEF VALVE	1	
13	W0723	DRAIN TAP	1	
14	W0727	½" BORE STEAM HOSE	2M	
15	W0728	½" HOSE CLAMP	2	
16	W0729	MALE Q/R COUPLING	1	
17	W0730	½" MALE x ¼" FEMALE REDUCER	1	
18	W0731	½" MALE x ½" HOSE TAIL FITTING	2	
19	W0732	¼" MALE x ⅜" HOSE TAIL FITTING	2	
20	W0733	⅜" AIR HOSE	2M	
21	W0734	JUBILEE CLIP	2	
22	W0735	FEMALE Q/R COUPLING	1	
23	W0747	½" MALE-MALE ADAPTOR	1	
24				
25	C 40	PLASTIC SPACER	1	
26	W0996	¼" MALE x ¼" FEMALE BSP TAPER FITTING	1	
27				
28				
29				
30	W1018	AIR FILTER COVER	1	
31	26160	"V" BELT PULLEY 6"	1	
32	26161	"V" BELT PULLEY 3"	1	
33	W1021	TWIN CYLINDER COMPRESSOR	1	
34				
35				
36				
37	W1033	COMPRESSOR MOUNTING	1	
38	W1034	COMPRESSOR TOP GUARD	1	
39	W1035	GUARD BACKPLATE	1	
40	W1036	BOTTOM GUARD	1	
41				
42	PS 326M	COLLAR	1	
43				
44	FOR SINGLE CYLINDER COMPRESSOR SEE PREVIOUS ILLUSTRATION			
45				
46				
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Sabre Canopy Frame



SABRE REAR CANOPY FRAME

(ASSY. No. W0829)

ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
1	W0860	ROOF SECTION RH	1	
2	W0861	SUPPORT LEG RH	1	
3	W0862	SUPPORT LEG RH	1	
4	W0863	SUPPORT LEG RH	1	
5	W0864	SUPPORT LEG RH	1	
6	W0865	ROOF SECTION RH	1	
7	W0866	LEG SUPPORT	1	
8	W0867	LEG SUPPORT	1	
9	W0868	LEG SUPPORT	1	
10	W0869	SUPPORT LEG LH	1	
11	W0870	SUPPORT LEG LH	1	
12	W0871	SUPPORT LEG LH	1	
13	W0872	SUPPORT LEG LH	1	
14	W0873	ROOF SECTION LH	1	
15				
16	W0875	CROSS BEAM	3	
17	W0876	CROSS BEAM	1	
18	W0877	CROSS BEAM	1	
19	W0878	SUPPORT BRACKET LH	1	
20	W0879	ELEVATOR GUARD LH	1	
21	W0880	SUPPORT BEAM	2	
22	W0881	SUPPORT BEAM	2	
23	W0882	SUPPORT BEAM RH	1	
24	W0957	BRACE	1	
25	W0751	PICKING AREA CANOPY	1	NOT SHOWN
26	W0752	REAR CURTAIN	1	NOT SHOWN
27				
28				
29				
30				
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SABRE FRONT CANOPY

(ASSY. No. W1005)

ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
37	W0883	REAR FRAME SECTION	1	
38	W0884	ROOF SECTION LH	1	
39				
40				
41	W0887	CROSS BEAM LH	1	
42				
43				
44				
45	W0891	SUPPORT LEG LH	1	
46	W0892	ROOF SECTION LH	1	
47				
48				
49	W0895	ROOF SECTION RH	1	
50				
51	W0897	MAIN ROOF BEAM	1	
52	W0898	STAY TUBE	1	
53				
54	W0900	CROSS BEAM LH	2	
55				
56				
57	W0874	SUPPORT BRACKET LH	1	W1037 FROM MAY 88
58				
59				
60	W0999	SUPPORT LEG RH	1	
61				
62	W1001	CROSS BEAM	1	
63	W1002	CROSS BEAM	1	
64	W1003	SUPPORT LEG	1	
65	W1004	SUPPORT LEG	1	
66				
67	W1006	PLATFORM AREA CANOPY	1	NOT SHOWN
68	W1008	ELEVATOR PLATFORM COVER	1	NOT SHOWN
69	W1012	CROSS BEAM	2	
70				
71				
72				

SABRE FRONT CANOPY EXTENSION

(ASSY. No. W1010)

ITEM No.	PART No.	DESCRIPTION	QTY	REMARKS
73				
74	W0885	ROOF SECTION RH	1	
75				
76				
77	W0894	SUPPORT LEG RH	1	
78				
79	W0896	SUPPORT LEG RH	1	
80				
81	W0898	STAY TUBE	1	
82				
83	W1000	CROSS BEAM	1	
84				
85	W1007	EXTENSION CANOPY	1	NOT SHOWN
86				
87	W1013	CROSS BEAM	1	
88				
89				
90				
91				
92				
93				
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