

Palax 700 LOGGER

Manual

PALAX 700 LOGGER	Serial number	Manufactured year
TR		
TR/SM		
PM		

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1 Preface

Congratulations on the purchase of the PALAX circular saw. The product development of this firewood processor has included the most stringent demands on quality, reliability and safety. We are confident that You will appreciate this circular saw and the fact that it meets all EU Safety Standards, as indicated by the CE-mark, the CE-declaration of conformity and this instruction manual.

Ylistaron Terästäkomo Oy

1.1 EU standard conformity

Manufacturer: Ylistaron Terästäkomo Oy
Lahdentie 9
61400 Ylistaro
Finland

Product: PALAX 700 LOGGER
- circular saw with conveyer

Power source: Tractor power, electric motor or combustion engine

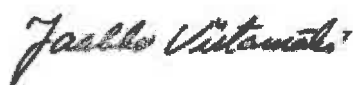
Models: TR Tractor power
TR/SM Tractor power / electric motor
PM Combustion engine

The equipment conforms to the following standards:

SFS-EN 60204-1 Electrical equipment
SFS-EN 292-2+A1 Machine safety, standards and general design standards

Type approval: MTT VAKOLA
Vakolantie 55
03400 Vihti

Ylistaron Terästäkomo Oy



Jaakko Viitamäki
Managing Director

1.2 Intended use of machine

This circular saw is intended for cutting firewood by sawing timber, round logs and various other suitable wood materials. Any other use is strictly prohibited.

Maximum wood dimensions

- Capacity, max. log diameter 25 cm
- Max. log length 4 m
- Longer logs must be cut to fit on the cutting table. Alternatively a second person can handle the overlap to prevent the equipment from overturning.

1.3 Warning legends

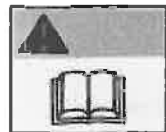
VAARA-DANGER, red background

Danger of serious injury



HUOM-CAUTION, yellow background

See instruction manual



HUOM-CAUTION, blue background

Use goggles and ear protection



VARO-ATTENTION-VARNING, yellow background

Prepare machine for use before starting motor/engine



1.4 Machine type data

Engine model

Manufacturer's name and address

Machine type

Serial number and manufacturing year

Saw diameter 700 mm, fitting hole 35 mm

Max. Rpm 1500

The identification plate is located at the back of the blade housing.

Electric motor data

3-phase motor

- Voltage 230/380 V or 380/600 V, varies from one country to another.
- Effect 5,5 kW.
- The identification plate is located at the back of the starter housing fixing plate.

1.5 Safety instructions

- Always use goggles and ear protection.
- Never use loose clothing near machine.
- Keep work area tidy - no superfluous rubbish.
- Do not use machine indoors (dust hazard, exhaust gas hazard)
- Make sure the exhaust of the combustion engine model is kept well clear of anything flammable (min. 1 metre) Fire hazard!
- Do not touch hot exhaust pipe!
- Always shut down engine when refuelling.
- Only use machine when there is sufficient light.
- Make sure there are no outsiders in the work area. The machine is designed for use by one person.
- The machine is designed for cutting firewood only.
- When using the saw, make sure the log rests on the support rollers and that it does not revolve - danger!
- Use caution when cutting branches or twisted logs. Operating the cutter in an inappropriate way may cause the log to revolve or to twist the blade with such force that the blade may twist or break.
- Careless use may cause a serious danger.
- Always shut down the machine before doing maintenance work.
- Do not remove any protective equipment.
- Always make sure electrical wiring is intact.
- For transport, always place the extension table in the appropriate position and lock it.
- For transport, always place the cutting table in the appropriate position and lock it.

WARNING ! Use caution at low bridges and other obstacles!

- The logger with 3,5 m conveyor has a height of about 3,6 m. On a tractor trailer the transport height may be in excess of 4 metres. The 4,5 m conveyor is not intended for mobile use.

1.6 Noise and vibrations

- Noise level measured at the level of the user's ears: 87,5 dB (A) in the work area, noise effect level 102,0 dB (A). Vibration measured no higher than 2,5 m/s².

1.7 Users' responsibility

- This machine may be used only for processing firewood.
- All safety devices are necessary for safe operation.
- The PALAX logger is very safe to use when the operating- and maintenance instructions are adhered to and the machine is operated with care.
- The operator is responsible for safety devices being in working order and for appropriate maintenance.
- The user is also responsible for the safety of other people in the work area.
- No structural alteration may be done to the machine.

2 Terms of warranty

The warranty period is 12 months from date of purchase.

Covered by the warranty

- Parts damaged in normal use due to faulty material or production fault.
- Reasonable repair costs, subject to agreement between seller or client and manufacturer.
- Replacement for faulty part.

Not covered by warranty

- Damage due to normal wear, incorrect use or neglected maintenance.
- Cutting blades, V-belt, lubricating oil.
- Faults on a machine where the operator has made alterations to the equipment and where the machine can no longer be regarded as the original product.
- Other costs or expenses arising from any of the circumstances mentioned above.
- Travel expenditure arising from warranty work.
- The engine manufacturer carries the warranty responsibilities for the combustion engine.
- The warranty for replacement parts expires on expiration of the machine warranty period.
- Always contact the seller in connection with warranty issues.

2.1 Delivery

- The machine is attached to the pallet at three points.
- Remove plastic cover.
- Remove any loose parts of packing material.
- Use a forklift to turn the machine into the horizontal position, see separate instructions.
- Remove pallet only after the machine is turned.

NB! Machine weight without transport packaging.

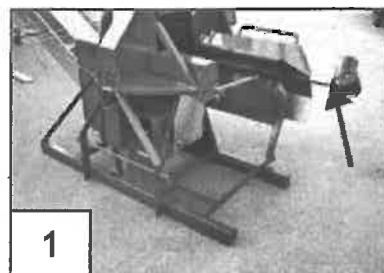
PALAX 700 LOGGER TR	254 KG
PALAX 700 LOGGER TR/sm	331 KG
PALAX 700 LOGGER PM	277 KG
PALAX TRAILER 3,5 M + WINCH	95 KG
PALAX TRAILER 4,5 M + WINCH	110 KG

2.2 Delivery inspection

- In order to keep transport costs low and to avoid damage during transport, the machine is despatched partially disassembled (all protruding parts are disconnected and packed separately).
- Check the delivery immediately upon receipt.
- If transport damage is detected, contact the delivery service and the sales agent.

2.3 Assembly

Parts packed separately on the transport pallet:



Extension table, fig. 1

- Remove limit device bolt at the end of the extension table tube and fit tube into the tube holder.
- Fasten limit device bolt. 13 mm wrench.

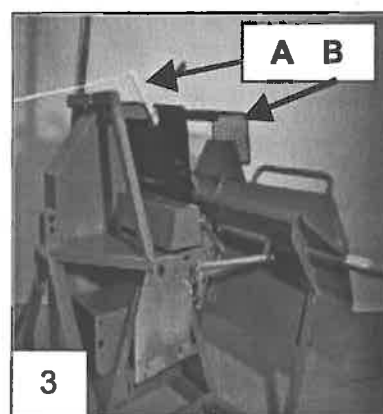
Blade housing, fig.2

- Assemble blade housing B.
- Fasten axle bolt with the nut on the left side (see fig.)
- Do not turn too tight. The housing should move easily. 17 mm wrench.



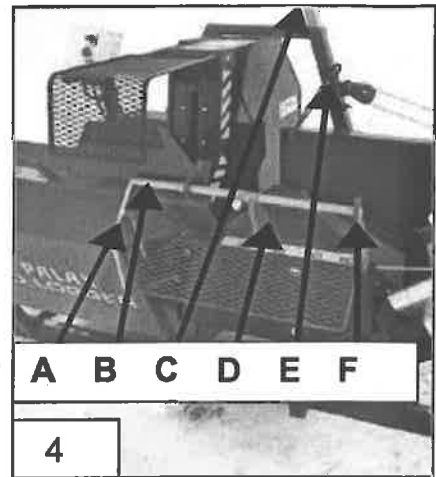
Fitting blade safety mesh (and, for tractor model, emergency stop lever, Fig. 3)

- Attach blade safety mesh.
- Clearance between the mesh and the blade housing ca. 10 mm.
- Wrench 19 mm.
- Emergency stop lever is fitted to mesh fastening bolt.
- Fitting emergency stop device to tractor: see 3.2.



Fitting the cutting length limit, fig 4

- Remove pin F at the end of axle
- Remove limit device D, wrench 24 mm.
- Push axle end through hole B first, fit limit device to axle and then push through hole at the end of the table and re-attach pin F.
- Fit spring head A to protective mesh at the table.

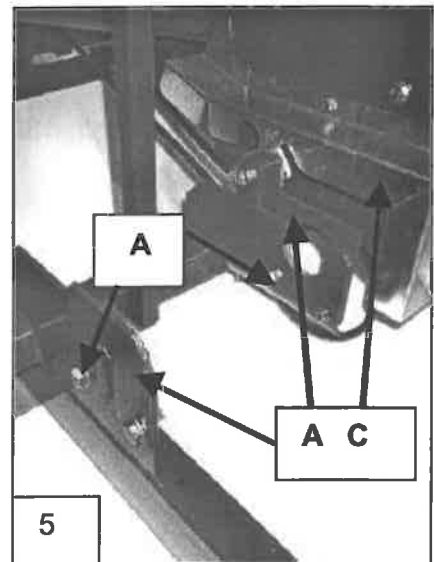


Adjusting the cutting length limit, fig 4

- Set the cutting length using the scale and tighten limit device bolt.
 - When the table is pulled back, the limit device automatically turns into the limit position.
 - When the table is pushed in, the limit device automatically moves aside, allowing the cut piece of wood to fall freely.
- #### Fitting the conveyor support, fig. 4
- Place conveyer support C into bushing in the frame.
 - Tighten bolts (E) well. Wrench 19 mm.

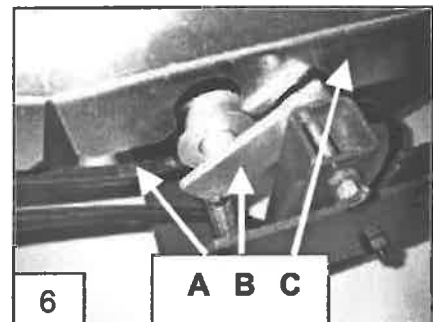
Fitting the conveyor, fig. 5

- Open fixing plate bolts A, wrench 19 mm.
- Remove fixing plates B.
- Remove cover C, wrench 13 mm.
- Place lower end of conveyor onto fork.
- Re-attach fixing plates and tighten bolts.



Fitting V-belt, fig. 6

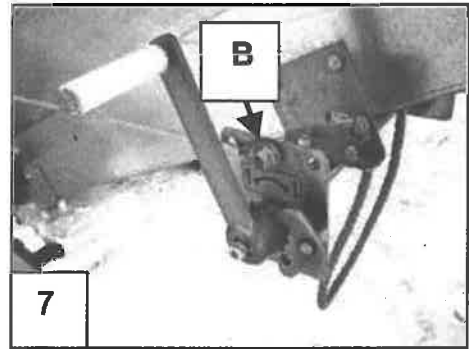
- Place V-belt A on angle axle.
 - Pull up the springed belt tightener B and place belt on conveyor belt roller.
 - Place V-belt cover C in position
- The belt will now be automatically tightened and does not require tightness adjustment.
- Lift conveyor onto the conveyor support (makes it easier to fit winch and support wires).



Fitting winch and support wires

Fitting winch, fig. 7

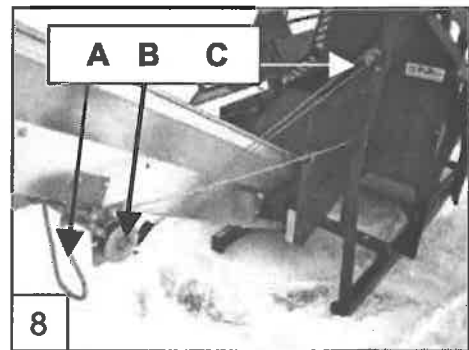
- Attach winch to flanges (A) on conveyor.
- Attach support wires to winch (hole B).



There are three alternative bolt holes for attaching the support wire. The choice of fixing hole determines the angle of the conveyor. If the conveyor is used to feed firewood into a sack or a low trailer, fix the wire in the middle hole and the drop will be lower. If firewood is fed onto a high trailer, fix the wire in the hole to the front.

Fitting winch wire, fig. 8

- The wire coiled on the winch reel (B).
- Attach block wheel onto the support tube (C) as shown. Wrench 19 mm.



Transport position

- NB! When lifting the conveyor using the winch, leave conveyor near the upper position and push the remaining distance against the support. This way the wire remains tightly coiled on the reel and does not get tagged.
- Lock the conveyor to the support with the chain and pin.

Work position

- Remove conveyor chain.
- Pull out conveyor using string A.
- Lower conveyor using winch and support wire.

WARNING!

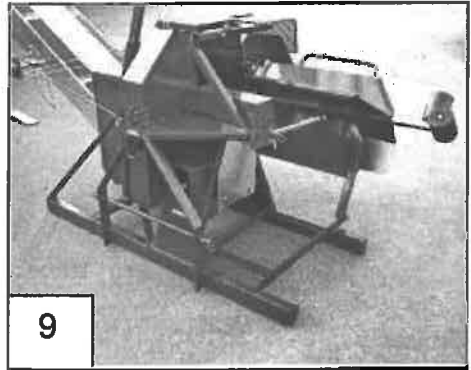
Always maintain grip on winch handle when lowering the conveyor.
Always support conveyor on support wire.

3 Power supply

The Palax Logger is powered by tractor, electric motor or combustion engine.

3.1 Tractor model

- Always attach the logger to the three-point linkage of the tractor.
- Suitable universal shafts are BONDIOLI A 3 or WALTERSCHEID W 2100.
- No safety clutch is required for the universal shaft.
- Use only an undamaged universal shaft, and always attach the shaft covers chains to the machine.
- When disconnecting the machine from the tractor, please use the hook on the machine to support the universal shaft, fig. 10 A.
- The machine is equipped with 22 mm link pins and 28 mm spigot rings. If you only use 28 mm pins, it is advisable to permanently fix the spigot rings over the pins with a few spot welds, to prevent losing the rings accidentally.
- If the tractor has a high-speed P.T.O., use the higher setting as the machine does not draw much power.
- Make sure that the universal shaft does not rotate faster than 540 rpm.

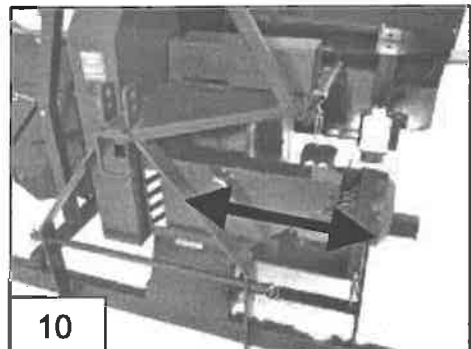


3.2 Tractor model: Fitting emergency stop device to tractor

- Fit emergency stop line in such a place that pulling the line will pull the emergency stop lever and shut down the tractor.
- Depending on make and model of the tractor, a suitable place could be a turn-off control, the carburettor, the P.T.O. disengage control or the ignition.
- Always test the emergency stop connection and design the function in such a way that the tractor actuators are not damaged by activation of the emergency stop.

3.3 Electric power

- Motor output 5,5 KW, speed 1400 rpm.
- The motor starter is equipped with an emergency stop device.
- Complete electrical wiring.
- 380V, slow 16 A fuse.
- Extension cord required: size 2,5 mm.
- When the firewood processor is used; check direction of blade rotation. If blade is running in the wrong direction, you can, for instance, switch the position of the twophase wires in the contact plug. If you are
- uncertain of the procedure, leave it to a professional electrician.
- The machine is powered by a tractor or by electric power.
- The machine has a safety function that prevents dual use.
- When the cover is moved to the left (fig. 19), the extension cord can be connected, when the cover is moved to the right, the universal shaft can be connected.



3.4 Electric model: Emergency stop

- An emergency stop is triggered by pressing the red button on the starter all the way down.

3.5 Combustion engine: Honda, 9hp

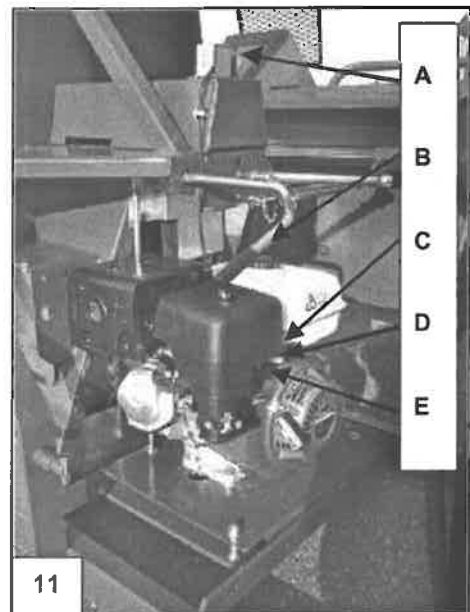
- Check/fill up engine oil.
- Read instruction manual
- Fuel:95E
- Always shut down engine when refuelling.
- Make sure fuel is not spilled on hot engine.

3.6 Engine start

- Pull out stop button A to position ON.
- Open fuel valve E.
- Turn on choke D.
- Turn carburettor C to half speed.
- Start engine with the starter cord.
- Reduce choke until the engine runs smoothly.
- Turn on V-belt power transmission (lever B) and turn Carburettor to full speed.
- The maximum engine revs are pre-set to about 3200Rpm, turning the steel axle at about 1500 rpm.

3.7 Stop and emergency stop

- Turn carburettor to idle.
- Press red stop button A all the way down
- Close fuel valve.
- Loosen V-belt by turning off V-belt power transmission (lever B)



FOR EMERGENCY STOP, PRESS RED STOP BUTTON ALL THE WAY DOWN.

NB! When maintaining or repairing engine, check blade rpm setting to make sure that it does not exceed 1500 rpm.

Rpm can be checked from the gear box.
Axle rpm is 540.

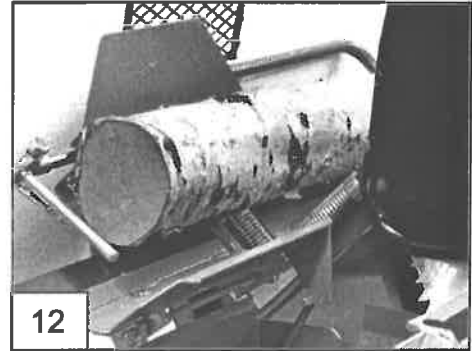
4 Work environment

- Do not use machine indoors(dust and exhaust fume hazard).
- Operate machine only when there is sufficient light.
- Make sure no children or outside persons are in the work area.
- Always position the firewood processor as level as possible.

4.1 Cutting a log

WRONG, fig.12

- The log does not rest on the support rollers.



WARNING!

An incorrectly set log may push against the table while being cut, thus bending the blade with enough power to break it.

RIGHT, FIG. 13

- The log rests on both rollers.
- The log can not turn or rotate



Cutting the log, fig. 14

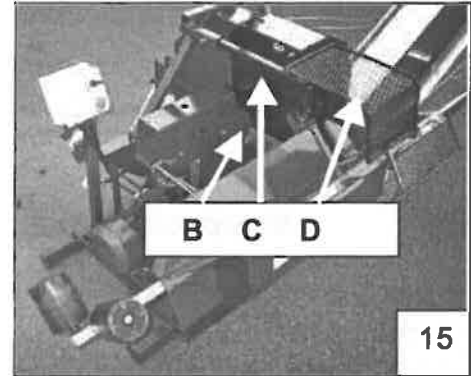
- Press the log evenly against the blade.
- Use your hand to keep the log steady.
- Be particularly careful when cutting twisted logs or logs with branches.



5 Machine use and maintenance

5.1 Removing cutting blade, fig. 15

- Remove safety mesh D, 19 mm wrench.
- Remove blade housing C, 17 mm wrench.
- Remove sawdust chute B, 17 mm wrench.
- Remove blade housing side plate, 13 mm wrench
- Insert pin (fig 16), size about 12 mm, in the collar Hole to prevent turning.
- Open blade nut, right threaded, wrench 36 mm.
- Nut thread M 24x2.
- Before re-attaching blade, clean flange surfaces thoroughly.



Make sure that the pin A (fig 17), is in place to prevent the blade Flange from turning.

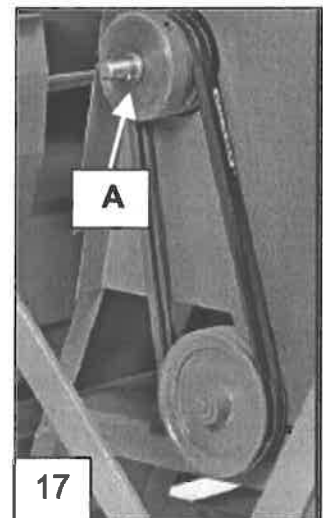
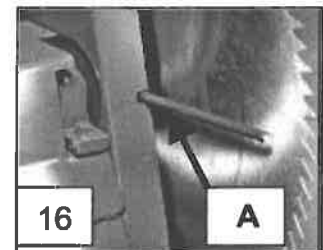
5.2 Using cutting blade

Before use

- Remove protective grease from new blade
- NB! A greasy blade tends to accumulate resin, causing the blade to overheat, to lose tension and wobble

During use

- Use caution, always keep hands well away from the blade.
- Do not cut more than two smaller logs at a time; cutting more logs simultaneously may twist the blade and the blade may overheat and lose tension.
- Never stop the blade by pressing a piece of wood against the blade or the blade teeth.
- Always make sure that the log is resting on the support rollers at the point of cutting.
- Make sure the saw blade tooth offsetting is correct.
- For fresh wood, the appropriate offsetting is 1,0... 1,2 mm, for dry Wood 1,4... 1,6 mm.
- Hardened blades do not require offsetting as the cutting bit is always Wider than the blade disk.



NB! If the blade tooth offsetting is not correct, the blade overheats and draws excessive power.

5.6 Sharpening blade, hardened blade

Hardened blades can be given a light sharpening using a diamond file, strokes toward the machine. One sharpening keeps the blade good for processing hundreds of cubic metres of wood, as much as 500-1000 m³ depending on how clean the logs are. The best sharpening result and the longest blade life is obtained when the blade is sharpened with an appropriate diamond lathe.

5.7 Blade tension adjustment, hardened blade

Normally hardened blades have no tension faults, but tension faults may develop if a very dull blade is used.

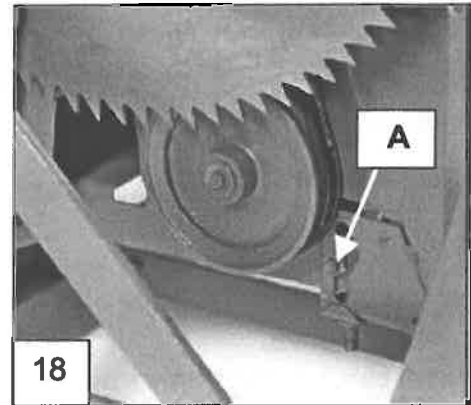
5.8 V-belt tension adjustment, gearbox base

Belt type 1250, 2 units

- Loosen (slightly) gear box base fastening bolt A.
- Tighten belt (bolts B).
- Tighten equally on both sides, wrench 19 mm.
- Make sure the gear base remains level.
Horizontalen bleibt.

NBI

When using tractor powered model, tighten belts after a few hours work; new belts tend to stretch somewhat initially. After the first time, tighten when necessary.



5.9 Changing V-belt, gearbox base

See section 5.1 and fig. 15

- Remove safety mesh 1, wrench 19 mm.
- Remove housing 2, wrench 17 mm.
- Remove sawdust chute, wrench 17 mm.
- Remove side plate, wrench 13 mm.
- Insert pin, size about 12 mm, in the collar hole to prevent turning.
- Open blade nut, right threaded, wrench 36 mm.
- Nut thread M 24 x 2.
- Remove blade.
- Loosen gear box base bolts.
- Before re-attaching blade, clean flange surfaces thoroughly.

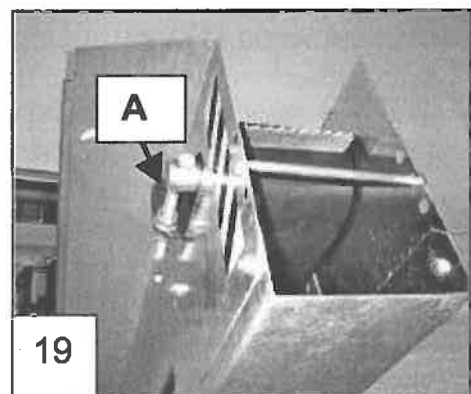
5.10 Conveyor belt adjustment

Models 3,5 m and 4,5 m.

The conveyor belt is delivered completely assembled and adjusted by the manufacturer.

5.11 Tightening of conveyor belt

- The conveyor belt is tightened by moving the conveyor roller outwards.
- When moving the roller, tighten both adjustment bolts A equally tight. If they are not tightened to the same degree, the belt may acquire a sideways movement.
- The belt is tightened to an appropriate degree when it can be raised about 5 cm.



5.12 Horizontal adjustment of conveyor belt, upper end

When doing a sideways adjustment of the belt, running the conveyor carefully makes adjustment much easier.

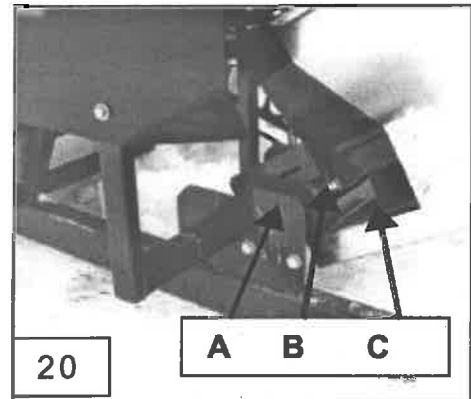
5.13 Horizontal adjustment of conveyor belt

- If the belt pulls to the right, move the right hand side of the upper roller outwards.
- If it pulls to the left, move the left hand side of the upper roller outwards.

5.14 Horizontal adjustment of conveyor belt, lower end

The lower bearing on the right is fitted with an adjustment bolt.

- If the belt pulls to the right, loosen the right hand bearing bolt A slightly (wrench 13 mm), and turn the adjustment bolt B inwards (wrench 17 mm). If the belt pulls to the left, turn the adjustment bolt outwards.
- Check the running of the of the belt asnd tighten bolts.
- The easiest way to adjust the belt is running the conveyor (very cautiously).



5.15 Cleaning conveyor

- Keep the conveyor clean to ensure smooth operation.
- The lower roller is screened by a debris removing plate that prevents chips and dust from accumulating between roller and belt.
- From time to time the screening plate must be cleaned.
- Cleaning is particularly important in wintertime and should be done on completion of every cutting operation.
- The conveyor can be cleaned using a high pressure washer.

6 Machine lubrication and maintenance

Grease axle bearings with ball bearing Vaseline at the end of the work season, or when the firewood processor is left unused for a longer period.

If the machine is in regular use, grease bearings once a week.

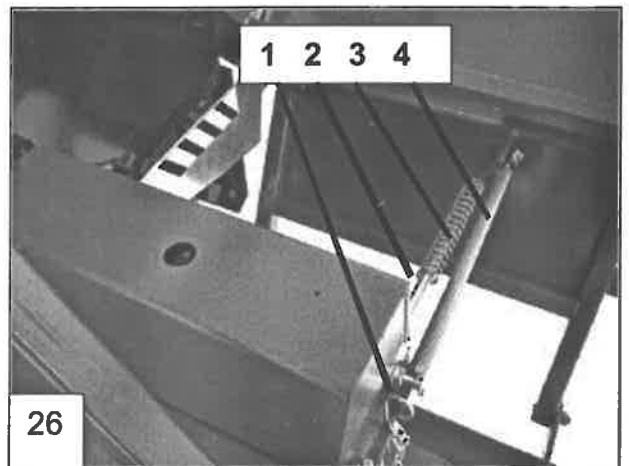
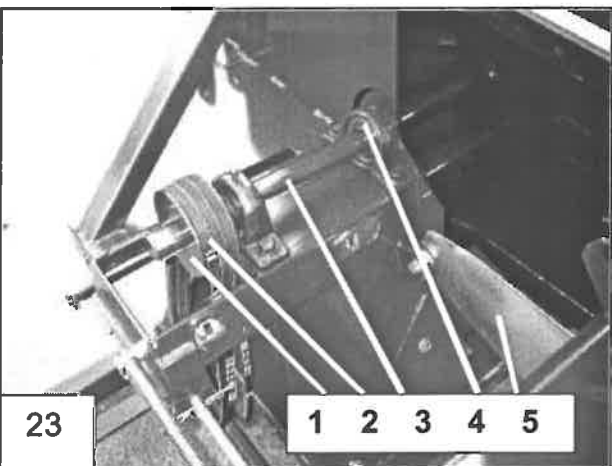
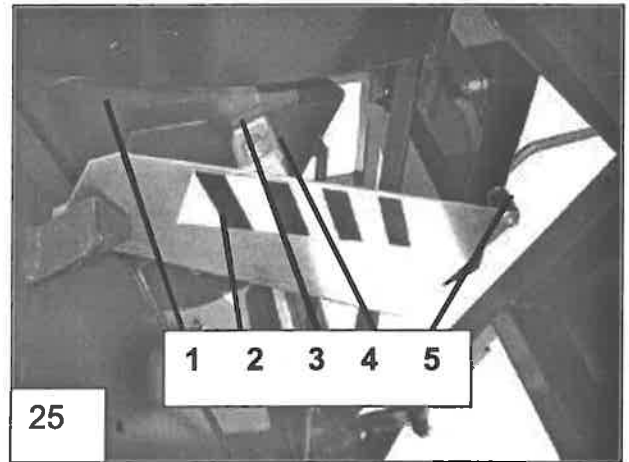
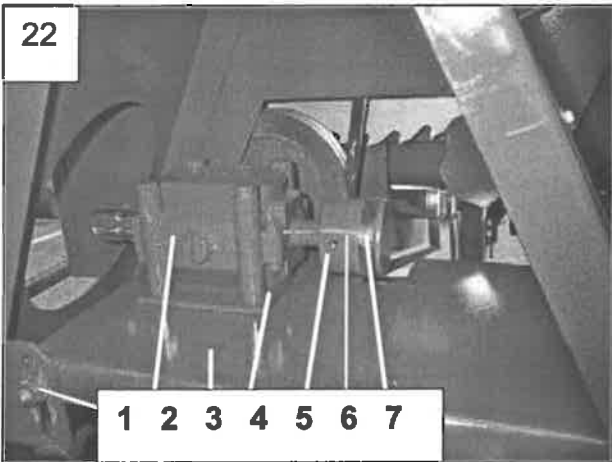
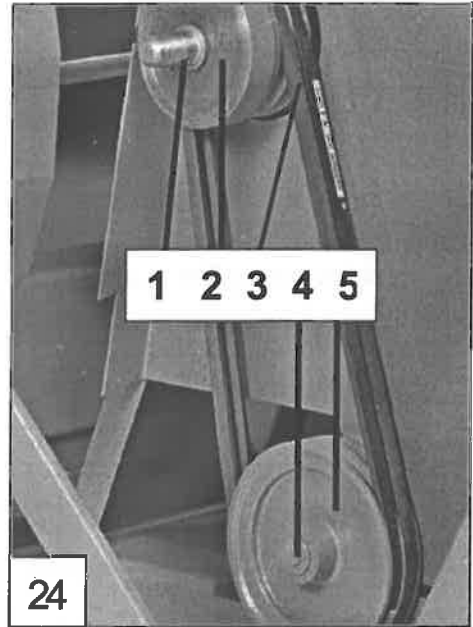
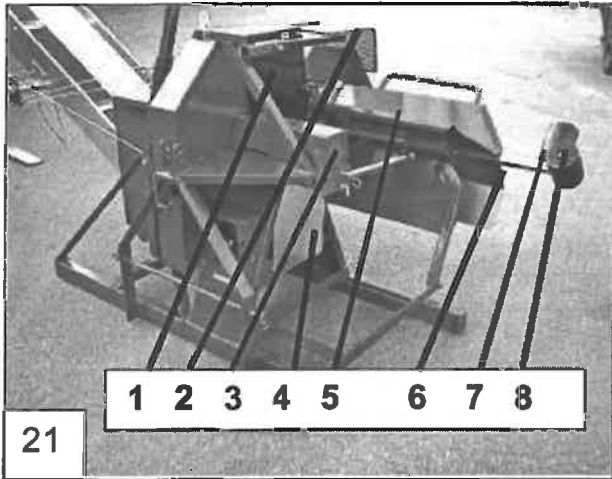
A daily lubrication should be given to moving joints, the limiting device, the extension table legs and support rollers.

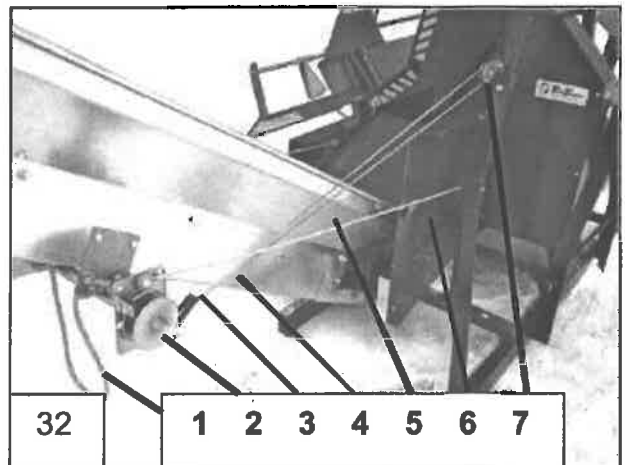
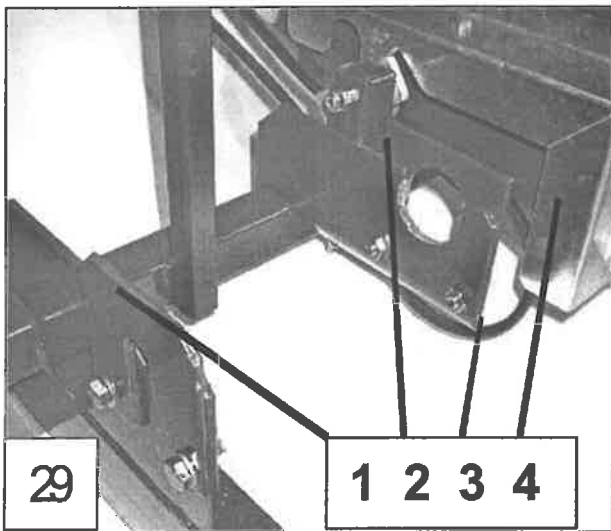
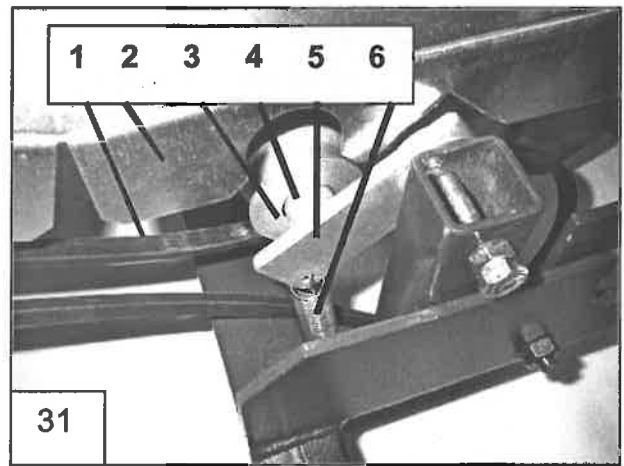
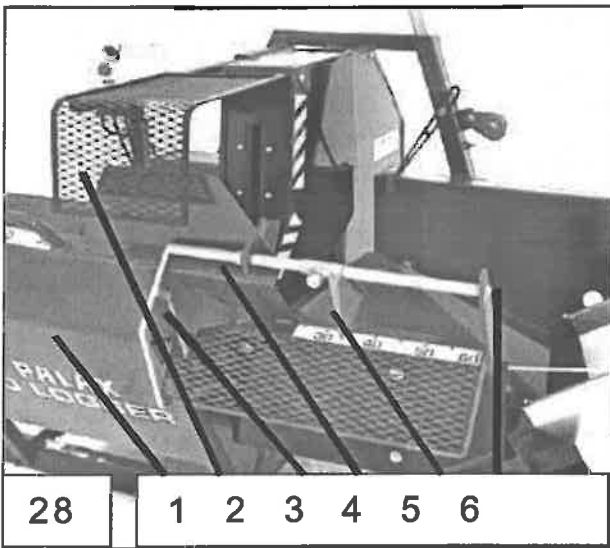
Clean the firewood processor from time to time using a high pressure washer. This is important when the equipment is left unused for a lengthier period. Grease the machine after washing.

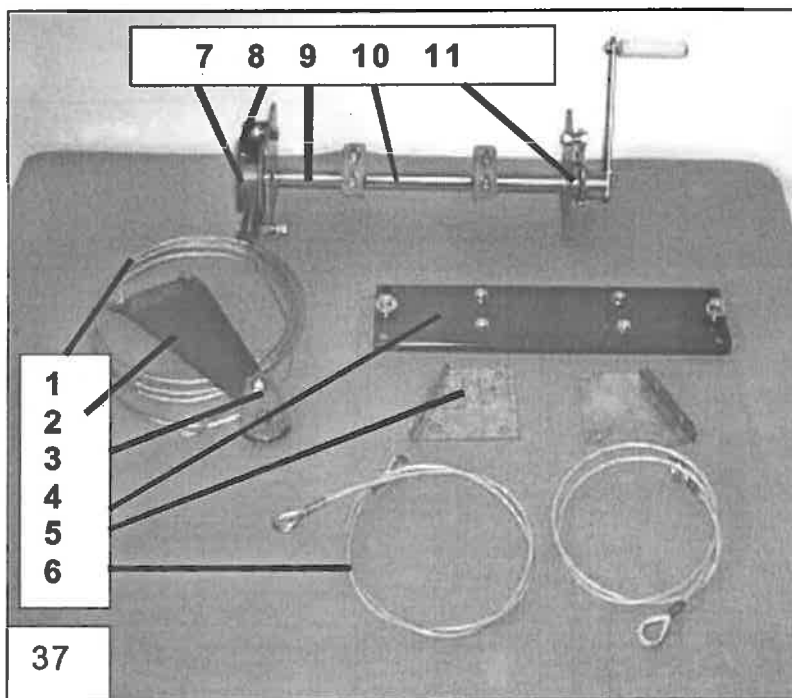
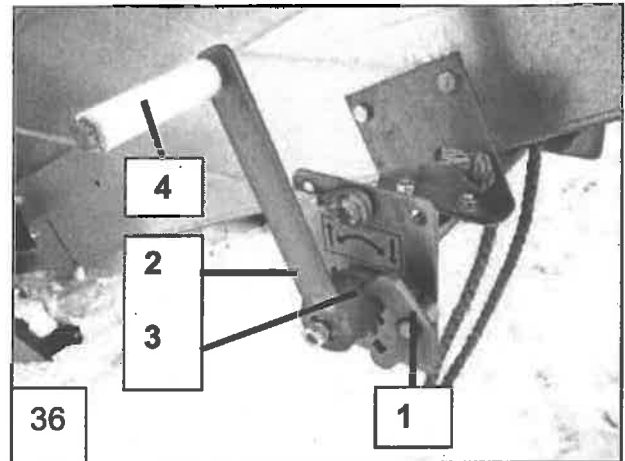
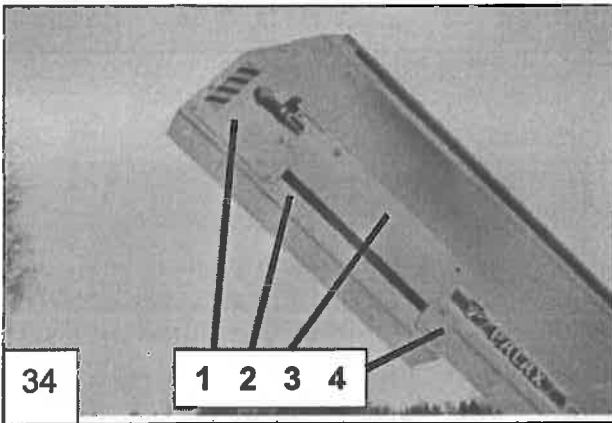
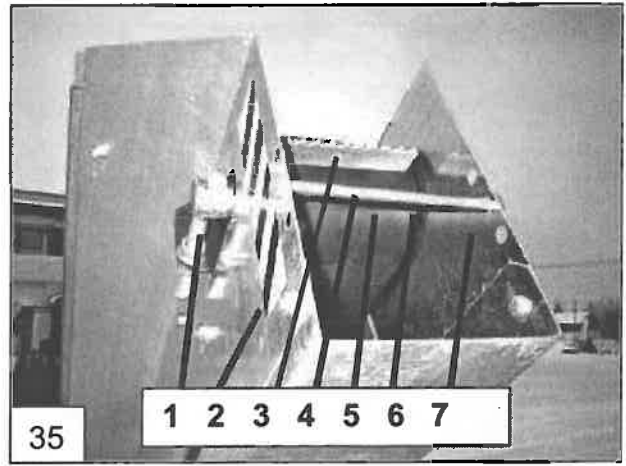
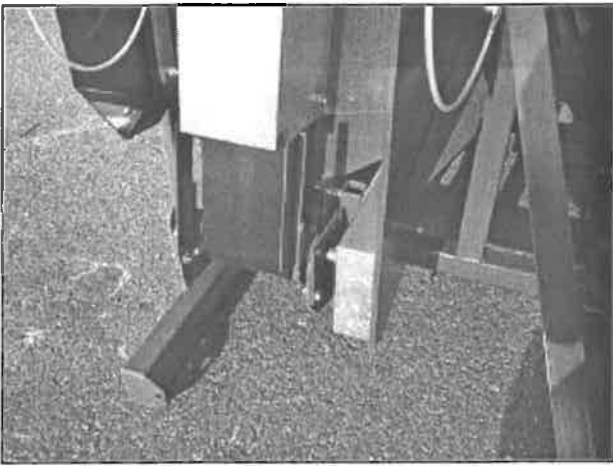
7 Troubleshooting

Problem	Reason	Action
Blade cuts with difficulty and heats up.	<ol style="list-style-type: none"> 1. Dull blade. 2. Incorrect blade setting. 3. Accumulation of resin on blade. 	<ol style="list-style-type: none"> 1. Sharpen blade. 2. Set blade. 3. Clean blade.
Blade wobbles. Blade wobbles soon after cutting begins.	<ol style="list-style-type: none"> 1. Dirt between flange and blade. 2. Incorrect blade setting and tension fault. 	<ol style="list-style-type: none"> 1. Clean flanges and blade. 2. Set blade. 3. Correct blade tension.
Blade makes whistling noise.	<ol style="list-style-type: none"> 1. Rpm too great, max. 1500 rpm. 2. Saw tooth broken at base. 	<ol style="list-style-type: none"> 1. Reduce rpm. 2. Do not use. Replace blade.
Blade rotates in wrong direction.	Wrong phase order.	Switch over two phase wires.
Electric motor won't start. Makes loud noise but motor won't start.	<ol style="list-style-type: none"> 1. Emergency stop on. 2. Fuse blown. 	<ol style="list-style-type: none"> 1. Release emergency stop. 2. Replace fuse.
Motor is prone to stopping and thermal relay trips.	<ol style="list-style-type: none"> 1. Dull blade. 2. Thermal relay setting wrong. 	<ol style="list-style-type: none"> 1. Sharpen blade. 2. Set thermal relay with correct setting.
A whining noise is audible during operation.	Loose V-belt.	Tighten V-belt

7 Machine parts







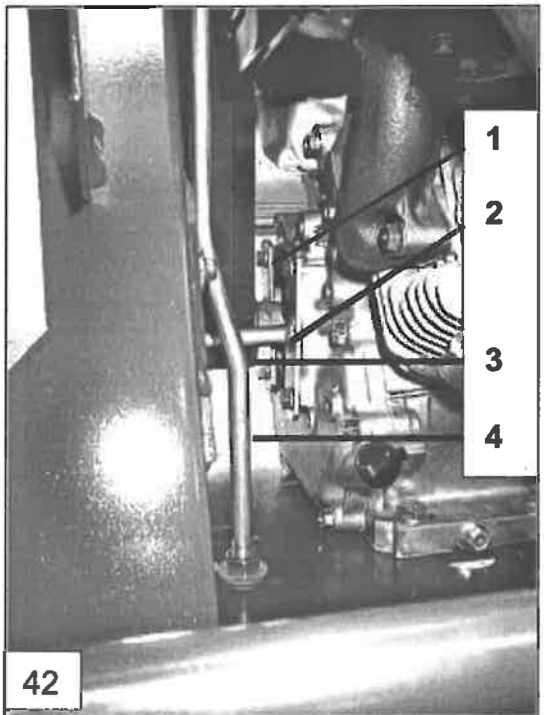
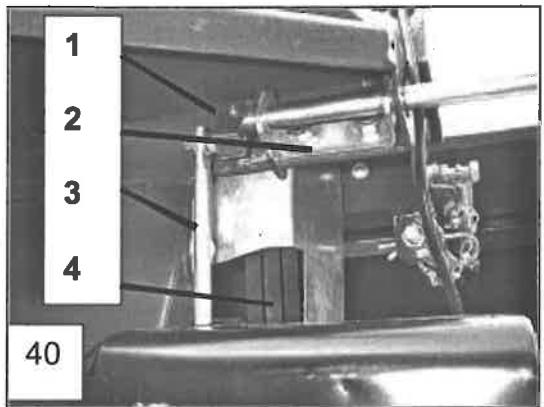
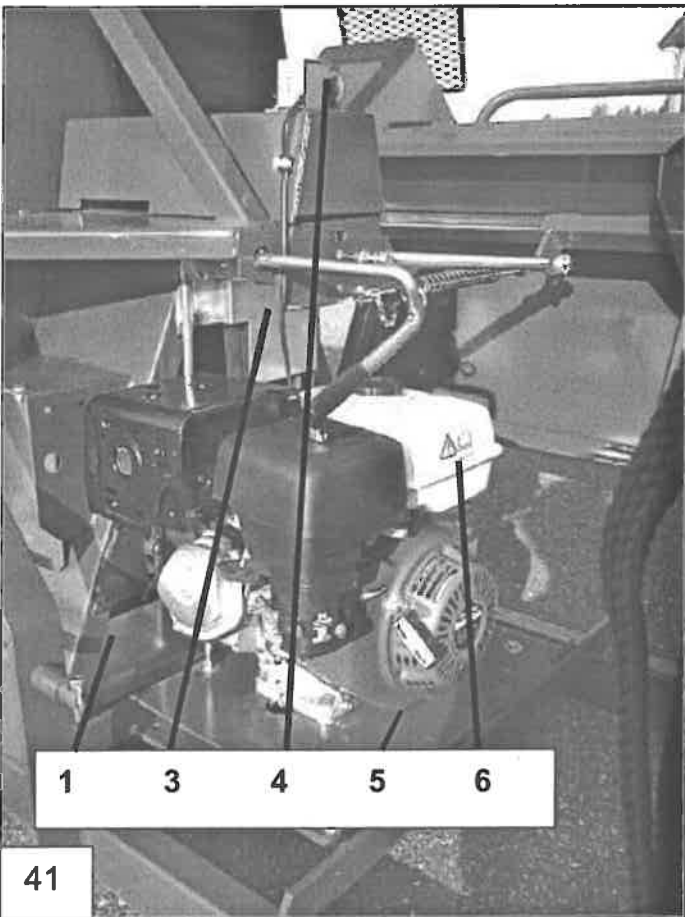
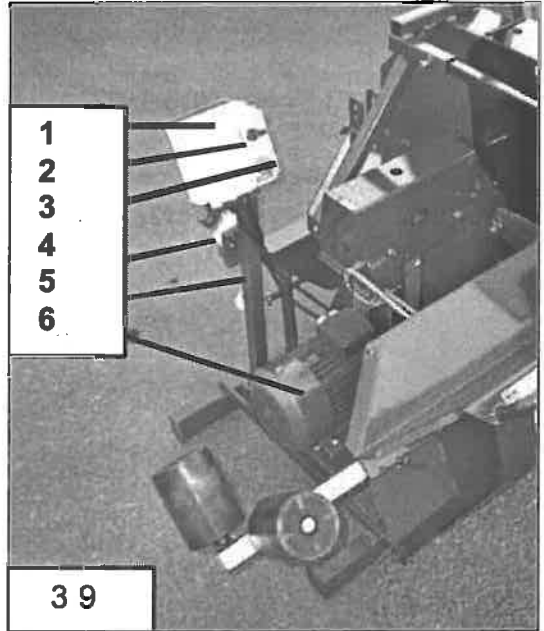
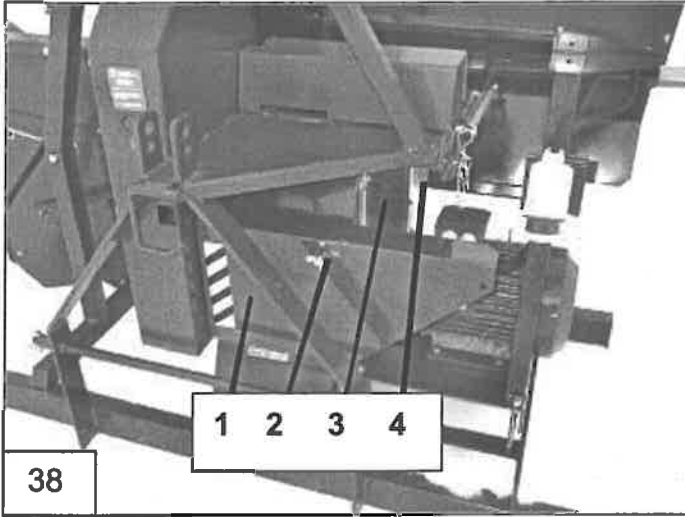


Figure	Part	Part name	Order code
21	1	Blade housing	K7303001
21	2	Safety mesh	K1807007
21	3	Axle cover	L7307040
21	4	Cover plate	L1809720
21	5	Table	K7301001
21	6	Extension table frame	K1801002
21	7	Roller	OP1801330
21	8	Locking ring A24	OSL24DIN471
22	1	Tightening bolt	K1809330
22	2	Gear box	O1804020
22	3	Gear base	L7305001
22	4	Base plate	L1804470
22	5	Locking nut M 8	ORM0815DIN915
22	6	Belt wheel	OV7008061
22	7	V-belt A77	OA77
23	1	Belt wheel	OV1804180
23	2	V-belt SPA 1320	OSPA1320
23	3	Axle	K1808200
23	4	Bearing	OLUCP207NY
23	5	Lower cover plate	L7307090
24	1	Pin	K1808290
24	2	Belt wheel	OV1808220
24	3	V-belt SPA 1250	OSPA1250
24	4	**	OS060625DIN6680
24	5	Belt wheel, Alum.	OV1804075 Alum.
24	6	Blade flange, Alum.	Ov1808245 Alum.
24	7	Blade nut M 24x2 left	OMM24CDIN932
25	1	**	OKT35700NT
25	2	Blade housing, lower part	L7307100
25	3	Blade guide	O1801730
25	4	Guide cover	L1801520
25	5	Lower housing slide bearing	**
26	1	Locking pin	OSN05111C11024
26	2	Table limiting device	K1801550
26	3	Insertion spring	OJ2828200PC
26	4	Spring	OJ2520330VC
26	5	Spring flange	K1801570

Figure	Part	Part name	Order code
27	1	Blade housing	K7303001
27	2	Liner	LP1801330
27	3	Plastic cover	PL1802120
27	4	Front roller	K1801440
27	5	Middle bearing	K1801005
27	6	Back roller	K1801440
28	1	Table	K7301001
28	2	Safety mesh	K1807007
28	3	Spring 1x11x68	OJ101168VC
28	4	Limit device axle	K1801003
28	5	Limit device	K1801004
28	6	Fork pin 5x25	OSS0525C94
29	1	Locking plate,front	L7309051
29	2	Locking plate,back	K7309050
29	3	V-belt A77	OA77
29	4	Belt cover	L7307070
30	1	Protective plate,front	L7307050
30	2	Bushing	K731130
30	3	*	K7311010
30	4	*axle	K7313001
30	5	Rubber holder	OP915265
30	6	Chip chute	K7304001
30	7	Protective plate, back	L7307060
31	1	V-belt A 77	OA77
31	2	Belt cover	L7307070
31	3	Roller	K7306030
31	4	Bearing	OL62042RS
31	5	Axle frame	K7306001
31	6	Spring 2x20x130	OJ2020120VC
32	1	Rope handle	O7400380
32	2	Wire reel	K7403001
32	3	Wire guide	L7400250
32	4	Winch wire	OSV054500
32	5	Wire stay	OSV051300
32	6	Protective plate, back	L7307060
32	7	Wire wheel	K7404001

8.2 Conveyor parts

Figure	Part	Part name	Order code
33	1	Adjustment plate	L70044140
33	2	Conveyor roller	O7004010
33	3	Conveyor 3,5 m	K7002015
33	3	Conveyor 4,5 m	K7002015
33	4	Bearing	OL25SBFL205
33	5	Inner frame 3,5 m	K7001001
33	5	Inner frame 4,5 m	K7001005
33	6	Axle	K7004020
33	7	Belt wheel	OV7004150
34	1	Side plate, left	L7001381
34	2	Debris chute	L700490
34	3	Frame sheet 3,5 m	L7001021
34	3	Extension frame 4,5 m	L7001025
34	3	Extension connection plate	L7001026
35	1	Adjustment bushing	K7003001
35	2	Side plate, right	L7001380
35	3	Conveyor step	L7002021
35	3	Joint plate	L7002040
35	4	Bolt	ORM10189C931
35	5	Upper axle	K7003020
35	6	Bearing 6202 2RS	OL62022RS
35	6	Upper roller	O7003010
35	7	Side plate, left	L7001381
36	1	Lock	O7400230
36	2	Tension wheel	K7400130
36	3	Brake plate	OXX7400140
36	3	Gear wheel	O7400150
36	4	Handle	K7400200
37	1	Hoisting	OSV054500
37	2	Wire plate	L7400280
37	3	Wire block, complete	K7404001
37	4	Wire fixing plate	L7400410
37	5	Winch fixing plate	L7400400
37	6	Support stay	OSV051300
37	7	Wire reel	K7400340
37	8	Wire guide	LP7400250
37	9	Winch frame	K7400330
37	10	Axle	K7400350
37	11	Bearing collet	O7400060

**8.3 electric motor and
combustion
engine,parts**

Figure	Part	Part name	Order code
38	1	Glide plate	K1804570
38	2	Glide rail	K1804530
38	3	Belt cover, left	L1804300
38	4	Belt cover, right	L1804305
39	1	YD starter	OE5,5KW380VISK
39	2	Switch	O
39	3	Stop button	O
39	4	Appliance plate	OE525-6T
39	5	Motor stand	K1804002
39	6	Electric motor 5,5 KW	OEM5,5/1500B3
40	1	Switch	K1903020
40	2	Fork joint	L1903040
40	3	Clutch rod	K1904010
40	4	V-belt	OSPA1320
41	1	Lower cover	L1950030
41	2	Belt cover	L1907040
41	3	STOP switch	O1902070
41	4	Clutch	K1903010
41	5	Base plate	K1901010
41	6	Honda motor OGX270	OGX270
42	1	Belt support,left	K1953001
42	2	Belt support,right	
42	3	V-belt wheel	OV1804180
42	4	Clutch rod	K1904010

Translation:



EC – Certificate of type approval no. T23/99

The notified body no. 504, according to Machine Directive no. 89/392/ETY,

Institute of Agricultural Engineering

MTT/Vakola

has established on the basis of certification protocol no. P20/99 that

Palax 700 Logger TR, Palax 700 Logger TR/SM, Palax 700 Logger PM, and Palax 700 Logger MOBIL circular saws

which have been assigned for EC type approval by their manufacturer with its place of business within the EEA-area

*Ylistaron Terästäkomo Oy
Lahdentie 9
FIN-61400 Ylistaro, Finland*

conform with the requirements of Machine Directive no. 89/392/ETY and its amendments brought into force through the resolution of the State Council no 1314/94.

Product description: *The product is a single user circular saw, equipped with manually actuated feeding cradle, rotating cutting blade (Ø 700 mm) and transport conveyor for the processed wood. The maximum diameter of the processed tree is 25 cm. The power source is a tractor (TR), an integrated electric motor (SM) or an integrated internal combustion engine (PM).*

This Certificate of type approval is valid according to the conditions presented in Machine Directive no. 89/392/ETY and its amendments, however, to a date no later than 22.03.2004.

This Certificate of type approval only applies to products that are completely identical to the inspected products. The issuing body of this Certificate shall be notified of any modifications. This body will announce whether the modifications are acceptable

In Vihti on 22.03.1999

Pekka Olkinuora

Pekka Rantti

