Palax Log stand for slender trees, supplementary feed roller

Always familiarise yourself with these instructions before use

Serial number

____________________

Year of manufacture

____________________

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1 Declaration of incorporation of partly completed machinery

Direktiivi 2006/42/EC

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The person in charge of Technical Construction File: Mikko Koivusalo

Product: Supplementary feed roller for Palax Log stand for slender trees
An optional accessory for Palax firewood processors.

Powered by: Extra hydraulic circuit of a firewood processor

Serial number of the machine: ________________________________

We hereby certify that the machine meets the requirements of the Government Decree 12.6.2008/400 on safety of machinery through which the Machine Directive 2006/42/EC has been put into effect, when connected to the Palax Log stand for slender trees. This Declaration of incorporation does not cover any other combinations. The following harmonized standards have been applied during the manufacturing process.

SFS-EN 12100-1

Ylistaron Terästakomo Oy
8.3.2013

Martti Vaurio
Managing Director
2 Foreword

This Instruction Manual is intended for a professional operator of the machine. The operator must have usual general knowledge and skills. For example, the buyer of a tractor-powered machine is expected to master the use of PTO shaft transmission.

Before the installation and operation, the operator of the machine must become thoroughly familiar with the contents of the manual. The operator is also obliged to gain familiarity with the operating controls of the machine and the emergency stop mechanism. For more information about our products, please visit our website at www.palax.fi.

Register at https://info.palax.fi to ensure that you at all times have the most recent information about your machine at your disposal.

NOTE !  Keep this manual with the machine at all times.
3 General safety regulations

Palax Log supplementary roller is an optional extra for the Palax Log stand for slender trees. The device must not be used for any other application than connected to the Palax Log deck for slender trees.

The device is designed to be exclusively used connected to the Palax Log stand for slender trees, and the safety regulations in the manual of the Log stand and the Firewood processor also apply to this device.

Before starting to operate the unit, the user must familiarise himself/herself with its use as well as with the use of the firewood processor, fully understand the operating principle of the device, and be aware of the risks that using it involves. All the safety regulations for the firewood processor also apply to the Palax Log stand for slender trees.

The feeder shall at all times be used exercising great caution so that no damage will be caused to the user of the device, the device itself, or the people staying nearby.

The device must not be used by individuals under 18 years of age!

It is not allowed to feed with the roller more than one log at a time.

No other people or items that might get damaged are allowed close to the deck during the operation. The danger zone around the deck is 10 metres.
Installation instructions for supplementary roller for the Palax Log deck for slender trees

4.1 Contents of delivery

4.1.1 Required tools
Spanner of 13 mm, 2 pcs.
Spanner of 24 mm, 2 pcs.
Hexagon socket key of 3 mm
Pliers for cotters
4.2 Assembly

Remove the cotter of the middle roller and take away the roller with the shaft.

Attach the supplementary feed roller to the holes for the middle roller using M16 bolts. Loosen the locking screws (2 pcs.) using the 3 mm hexagon socket key, and tighten the M16 bolts. After this, tighten the locking screws for the bearing.
4.3. Instructions for installing the protective net for the drive roller of the Palax Log stand for slender trees

Attach the legs on either side using M8 wing screws. A

Attach the frame pipes using M8 hexagon socket screws. B

Attach the protective net to the log-stand's frame using M8x80 hexagon screws. C

Installing the tarpaulin: Attach the straight centre-pipes to one of the edge frames and thread the tarpaulin on them. After this, attach the other edge frame in place. Finally, fix in position using cable ties. D
Fix the protective net in position using M8 bolts.

The protective net may be shifted laterally to the desired position.

NOTE ! The supplementary feed roller must not be used without the protective net!
5  ID plates, main dimensions and warning decals

5.1  ID plate of the unit
The plate is affixed to the motor side bracket of the device. The following data is marked on
the plate:
The name and address of the manufacturer
Designation of the machine type
Serial number and year of manufacture
Total weight of the machine
When ordering spare parts, always mention the serial number and year of manufacture.

5.2  Main dimensions of the machine

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Weight Roller</td>
<td>22 kg</td>
</tr>
<tr>
<td>Weight shield</td>
<td>26 kg</td>
</tr>
<tr>
<td>Height/width/length Roller</td>
<td>1,100 x 600 x 210 mm</td>
</tr>
<tr>
<td>Height/width/length Shield</td>
<td>1,250 x 1,850 x 714 mm</td>
</tr>
<tr>
<td>Max. diameter of the log</td>
<td>35 cm / see restrictions that apply to the</td>
</tr>
<tr>
<td>Max. length of the log</td>
<td>4m / see restrictions that apply to the firewood</td>
</tr>
<tr>
<td>Max. load on the roller</td>
<td>200 kg</td>
</tr>
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</table>

5.3  Warnings decals

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>The machine must be used by only one person</td>
<td>Beware of moving feeders</td>
</tr>
</tbody>
</table>

The machine must be used by only one person
Beware of moving feeders
6 Operation

6.1 Connecting to the firewood processor

The hydraulic hoses of the supplementary feed roller shall be connected in-line with the hoses of the firewood processor. Then the feed roller will always rotate when the feed belt of the firewood processor is running.

The connectors are located in different places in different machine types. See the operating instructions for the machine.

NOTE ! Check that the roller rotates in the correct direction with respect to the feed belt. The roller and the feed belt shall rotate in the same direction.

Check the condition and attachment of the hydraulic hoses and the connectors before starting the operation. Damaged hoses or connectors must not be used.
6.2 Description of operation

Turn down the front pipes, out of the way of the logs. Roll the log on to the feed roller supported by the keel rollers. Feed the log into the firewood processor by operating the feed belt. NOTE! Do not start feeding a new log until the last billet from the previous log has entered the splitting chute of the firewood processor.
7 Maintenance schedule

<table>
<thead>
<tr>
<th>Object</th>
<th>Task</th>
<th>Daily</th>
<th>Service interval 100 h</th>
<th>Service interval 500 h</th>
<th>Service interval 1000 t</th>
<th>Material /Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit</td>
<td>Cleaning</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Keel roller and feed roller shafts</td>
<td>Lubrication</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>Vaseline spray</td>
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</table>
## Spare parts list

<table>
<thead>
<tr>
<th></th>
<th>11779</th>
<th>Hydraulic motor WP80, Power models</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>32273</td>
<td>Hydraulic motor WP200, KS models</td>
</tr>
<tr>
<td></td>
<td>32410</td>
<td>Motor support</td>
</tr>
<tr>
<td></td>
<td>32411</td>
<td>Feed roller</td>
</tr>
<tr>
<td></td>
<td>32412</td>
<td>Bearing support</td>
</tr>
<tr>
<td></td>
<td>31386</td>
<td>Plate flange bearing PLF204</td>
</tr>
<tr>
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<td>32416</td>
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<tr>
<td>2</td>
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