

**PALAX<sup>®</sup>**  
*KS 50<sup>s</sup>*

**PALAX KS 50s**  
**FIREWOOD PROCESSORS**

**NEW!**



**STRONG PRO**

## Palax KS 50s – for tough, professional use

The Palax KS 50s is a robust firewood processor designed for large logs. The machine is equipped with fully hydraulic joystick control, which makes working with it easy and effortless. The machine comes with an efficient crosscut sawbar of 22". The splitting operation starts immediately after the log is cut off. The robust 24-tonne cylinder thrusts the log quickly and efficiently against the splitting wedges, after which the discharge conveyor transfers the split-up firewood into bags or onto a pallet. The machine is hydraulically driven and has no V-belts. The KS 50s is available as either a tractor-powered unit with hitching points for rear lifting (TR) or as a combi-unit (TR/SM).

### Safety

The machine is manufactured in full compliance with the most recent safety instructions and standards.

### Fully hydraulic joystick control

The KS 50s comes with a fully hydraulic Joystick control. All the relevant control levers are distinctly positioned right by the operator. The standard-featured quick-connectors for, for example, an external log-deck, are located at the side of the machine.

## Hydraulically operated pulling log clamp

The in-feed conveyor and the roller of the overhead clamp efficiently pull the trunk for cutting. The log-stop switches off the movement of the in-feed belt and, upon starting of the cut-off operation, the clamp locks the log hydraulically against the in-feed deck so that it cannot move during sawing.



### Discharge conveyor

The machine is equipped with a 4-m-long belt conveyor with hydraulically operated lift and swing to the side. The conveyor is easily and rapidly manoeuvred into the operating and transport positions.

## Powerful chain-saw

The machine's 22" chain-saw is powered by an internal gear motor, which achieves a high cutting speed.



## Dropping plate

The dropping plate ensures that the log drops into the chute in the correct position. The operation of the dropping plate is automatic, but it can also be disabled.



## Solidly-built wedge cassette

The vertical position of the wedge cassette can be steplessly adjusted hydraulically. The available optional wedge cassettes split in either 8- or 12-ways. The bottom of the splitting chute is equipped with a grate for easy removal of debris.



## Efficient automatic splitting operation

The splitting cylinder starts up automatically as soon as the crosscut operation is completed.

The automatic operation can also be disabled. The robust pusher of the machine has a splitting force of 4-24 tonnes. The splitting force is automatically adjusted in accordance with the resistance. The pusher efficiently and rapidly thrusts even large logs against the splitting wedges. The maximum log length is 66 cm and maximum log diameter is 48 mm. The log-stop, which determines the log length, can be easily adjusted without tools.



Splitting force 24 t

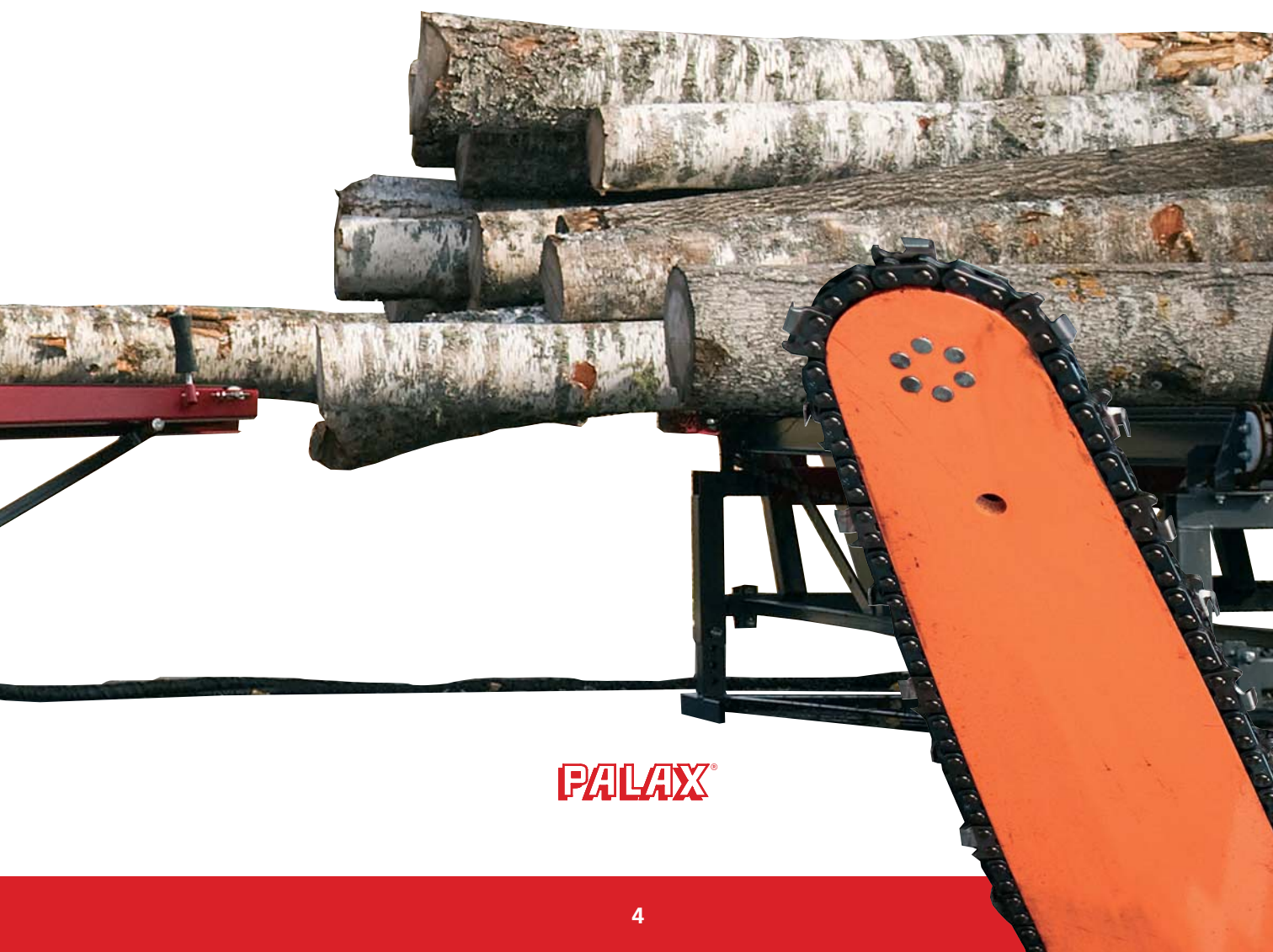
## Automatic lubricator of the chain-saw

The lubricator applies lubricant to the saw-chain reliably and smoothly but only during the cutting operation. Precise adjustment of the oil-flow. The automated lubrication is the best means for saw-chain lubrication.

A separate reservoir for the lubrication oil with level indicator.

## Capable of processing logs of almost 0,5 m in diameter

The KS 50s is a full-blooded professional machine for large logs.



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# Increased efficiency with Palax optional equipment



## Palax Cleaner

The high-output Palax Cleaner removes debris efficiently with its rotary cylinder. The cylinder can also be equipped with an extension conveyor for, for example, filling bags more easily. Powered either by electric or hydraulic motor.



## Robust Palax Mega log-deck for big trees

The deck is equipped with a hydraulic chain-feed deck, a step feeder and four 4-metre-long chain beams. The chains may be driven both forwards and backwards. Capacity about 10-12 cubic metres.

# PALAX POWER KS 50s TECHNICAL SPECIFICATIONS

Feature: X=standard, L=optional

	KS50s TR	KS50s TR/SM
<b>HYDRAULICS</b>		
Separate hydraulics	X	X
Hydraulic oil ISO VGA 32, (VGA 46 for hot conditions)	120 l	120 l
In the machine powered by electric motor, in winter ISO VGA 22, 160 litres of multi-grade oil	120 l	120 l
Oil cooler 12 V DC	L	L
Splitting force 4 - 24 tonnes	X	X
Speed	about 15 work cycles/min	about 15 work cycles/min
Quick-connectors for log-lifting deck	X	X
Fully hydraulic control of the machine with joystick	X	X
<b>TRANSMISSION AND CONTROL</b>		
Angular gear of cast iron	X	X
Electric motor 15 kW/ 32 A	-	X
Automatic Y/D starter	-	X
<b>CUTTING AND SPLITTING</b>		
Sawbar 22"	X	X
Saw-chain 404/1,6mm, about 75 links	X	X
Log clamp with hydraulic pull	X	X
Splitting wedge, which splits in 8 ways	X	X
Splitting wedge, which splits in 12 ways	L	L
Hydraulic height adjustment of splitting wedge	X	X
<b>CONVEYORS</b>		
In-feed conveyor, length 2,7m, width 300 mm	X	X
Discharge conveyor, length 4 m, width 400 mm	X	X
Hydraulic lift and swing of the discharge conveyor	X	X
<b>MAXIMUM SIZE OF LOG</b>		
Max. diameter of the tree	48 cm	48 cm
Cutting length of the tree	25-66 cm	25-66 cm
<b>DIMENSIONS AND WEIGHT IN TRANSPORT POSITION</b>		
Length (mm)	1800	1800
Width (mm)	3300	3300
Height (mm)	2600	2600
Weight (kg)	2000	2100
<b>DIMENSIONS IN WORK POSITION</b>		
Height (mm)	3100	3100
Width (mm)	8500	8500

Manufacturer:

Sales:

# PALAX®

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