

ready for
duty



PALAX®

Serious machinery for serious tasks



Contents

Palax firewood processors with a circular saw

The key benefits of a circular saw are speed, freedom of maintenance and a small amount of oilfree sawdust generated. The hard-metal blade cuts the log reliably and quickly. Long sharpening intervals increase the effective working time. Even the splitting blade with quick-release can be changed in a matter of seconds.

- 4 **c1000**
- 5 **c900**
- 6 **c750**
- 7 **c700 C O M B I**

Palax firewood processors with a chain saw

The chain saw offers a greater cutting diameter compared with the hard-metal blade machines in the same category. They are at the very best, when the thickness of the logs varies a great deal. All the chain saws are fitted with an automatic chain lubrication system and quick-release of the splitting wedge.

- 8 **Ks 45s**
- 9 **Ks 40s**
- 10 **d360**
- 11 **D270 A C T I V E**



accessories

Easily load logs to the firewood processor by using the range of Palax log decks. After cutting and splitting, Palax Roller and Cleaner ensure that the wood is clean and will dry quickly.

- 12 **mega/midi/deck log decks**
- 14 **Roller/cleaner firewood cleaners**

Palax's dedicated focus is on the designing, manufacturing and development of firewood processors. Thanks to our experience spanning over half a century, we can really manage this job, pledging that each seam and detail is in order.



Available models:



PALAX® **1000** **process** **large logs** **with great** **efficiency**

The ultimate choice of professional loggers

Palax C1000 is a robust firewood processor for tough professional use, equipped with several significant innovations. As a result of added chopping speed and power, it is one of the most productive and efficient firewood processors for bigger logs in its class. The new ergonomic design of the Palax C1000 machine makes it easy and efficient to use.

A patented **Palax Optimi** system controls the wood splitting length of Palax C1000. Together with an automatic rapid motion valve, this makes splitting the logs quicker than ever before, without forgetting the fast cutting pace of the circular saw. The 1,000 mm hard-metal cutting blade makes working quick, clean and maintenance-free. Additionally, the machine is equipped with automatic tightening of V-belts, which radically increases the service life of both the V-belts and the entire power transmission. The cutting pace can be adjusted in accordance with the type of processed wood.

With Palax C1000, you can take it easy; the fully hydraulic joystick control, robust input conveyor and the 4.3-metre-long disturbance-free output conveyor with speed control makes firewood processing both efficient and easy. Splitting blades from 2/0 blade up to 2/12 blade are available as accessories.

1000 mm

15 kW/
35 A

2/6
Option 2/0, 2/4,
2/8, 2/12

25–55 cm
Palax Optimi

Max. 40 cm

4.3 m

16 t

4.8 s Pro,
3.2 s Pro+

Features

- Automatic fast log splitting ensured by Palax Optimi and the automatic rapid motion valve
- Adjustable cutting speed
- Automatic V-belt tensioning
- Hydraulic log clamp Hydraulic joystick control
- Adjustable hydraulic log length stopper In-feed conveyor 33 x 225 cm Hydraulic Midi/Mega log deck control Hydraulic splitting wedge adjustment Conveyor speed adjustment
- Folding and laterally pivotable conveyor
- Hydraulic locking back support Dropping plate
- Fixed machine, no tractor 3-point linkage

Power source

- Tractor
- Electric motor 15 kW

Accessories

- Palax Midi/Mega log deck Palax Roller cleaning conveyor Palax Cleaner debris barrel Palax Puru sawdust aspirator
- Hydraulic infeed roller to extension table Hydraulic oil cooler
- Hydraulic oil heater
- Outfeed conveyor extension 1 m



Available models:

PRO

PRO+
PowerSpeed

PALAX® **900** a Robust firewood processor for contract jobs

**suitable for demanding
professional use**

Palax C900 focuses on practicality while keeping user friendliness in mind as well. Operation is smooth and comfortable with a control panel that can be adjusted to the user's height. No more aches from poor ergonomics!

Palax C900 features an uncompromisingly fast 900 mm hard-metal blade. In addition to the tireless blade, the splitting length of the machine is adjusted with the patented **Palax Optimi**. Together with the automatic rapid motion valve, it makes wood splitting unbeatably fast.

The machine features a hydraulic wood gripper and an out-feed conveyor with adjustable speed settings. The machine also features quick couplers for a Palax log deck.

The fully hydraulic controls, sturdy in-feed conveyor and 4.3 m out-feed conveyor make for efficient and easy firewood processing.

900 mm

15 kW/
35 A

2/4
Option 2/6, 2/8

25–55 cm
Palax Optimi

Max. 37 cm

4.3 m

8 t Pro
10 t Pro+

4 s Pro
3.3 s Pro+

Features

Automatic fast log splitting ensured by Palax Optimi and the automatic rapid motion valve
Adjustable cutting speed
Automatic V-belt tensioning
Hydraulic log clamp Hydraulic joystick control
Adjustable hydraulic log length stopper In-feed conveyor 20 x 200 cm Hydraulic Midi/Mega log deck control Hydraulic splitting wedge adjustment Conveyor speed adjustment
Folding and laterally pivotable conveyor

Power source

Tractor
Electric motor 15 kW

Accessories

Palax Midi/Mega log deck Palax Roller cleaning conveyor Palax Cleaner debris barrel Palax Puru sawdust aspirator
Hydraulic infeed roller to extension table
Hydraulic oil cooler
Hydraulic oil heater
Outfeed conveyor extension 1 m



Available models:



PALAX® **750** when processing speed is vital

**look no further if you need to turn logs
into firewood in record time**

The speed and power of Palax C750 meets all demands. Its 750 mm hard-tip blade is the fastest on the market and will cut logs up to 28 cm (11") in diameter. Furthermore, the mechanical design of the rear part ensures an uninterrupted flow of material.

The robust splitting blade and advanced gripper make the machine comfortable to operate. When the wood is held firmly in place during cutting, workplace safety improves as well.

The in-feed conveyor and 4.3 m (14 ft) turning out-feed conveyor, both supplied with the machine, keep the wood in motion. The automatic rapid motion valve maximizes the splitting speed, guaranteeing high productivity. After the wood is split, the debris grate of the splitting groove collects pieces of debris, resulting in clean and easy-to-dry wood.

750 mm

11 kW/
25 A

2/4
Option 2/6, 2/8

25–55 cm

Max. 28 cm

4.3 m

4/6/8/9 t

4.5 s Ergo
and Pro
2.6 s Pro+

Features

Automatic high-speed valve
Automatic V-belt tensioning
Adjustable log clamp
Connection for additional infeed roller/log deck
Adjustable mechanical log length stopper
In-feed conveyor 20 x 200 cm
Folding and laterally pivotable conveyor

Pro and Pro+ features:

Adjustable cutting speed
Hydraulic joystick control
Hydraulic splitting wedge adjustment
Hydraulic log clamp
Conveyor speed adjustment

Pro+ feature

PowerSpeed Cylinder for optimized splitting: Automatically adjusting splitting force and speed

Power source

Tractor
Electric motor 11 kW

Accessories

Hydraulic Midi/Mega log deck control
Palax Midi/Mega log deck
Palax Roller cleaning conveyor
Palax Cleaner debris barrel
Palax Puru sawdust aspirator
Conveyor speed adjustment
Hydraulic oil heater
Outfeed conveyor extension 1 m



PALAX® **700** COMBI

our all-time bestselling firewood processor

featuring ease of use, versatility and efficiency

Palax C700 Combi can process logs up to a maximum diameter of 25 cm. The 4.3-metre long, folding and swinging discharge conveyor with two chains ensures that the firewood ends up where it needs to be, while the high-speed-valve regulates the splitting speed and maximises processing speed.

The machine's V-belts are tightened automatically, significantly increasing the durability of the belts. The machine is also equipped with a tipping, spring-suspended crosscut deck. The splitting wedge is easy to replace, thanks to its quick-release feature.

 700 mm

 7.5 kW/
25 A

 2/4
Option 2/0, 2/6

 60 cm

 Max. 25 cm

 4.3 m

 5.6 t

 4.5/3 s

Features

Automatic high-speed valve
Automatic V-belt tensioning
Adjustable mechanical log length stopper
Automatic back stopper
Automatic tipping deck
Automatic conveyor chain tightening
Safety rollers on the cutting table
Transmission release switch, tractor use
Folding and laterally pivotable conveyor

Power source

Tractor
Tractor/electric motor 7.5 kW
Combustion engine

Accessories

Mobile B Trailer with brakes
Hydraulic splitting wedge adjustment
Hydraulic oil heater
Palax Roller cleaning conveyor
Palax Cleaner debris barrel



PALAX[®] KS 45S

The best fit for processing logs of all sizes

bringing high capacity, speed and power to the professional processing of firewood

It is designed for contractors who process logs of extremely varying diameter. The KS 45S is able to chop logs with a diameter up to 45 cm. It stands out from its contenders by its hydraulic driven log-clamp and the dropping plate which directs the truncated logs in the correct position to the splitting wedge.

Sometimes even a professional needs relief: the all-hydraulic joystick control of the KS 45S makes the working effortless and a fully opening, protective net makes the maintenance easier.

The KS 45S comes with an efficient crosscut sawbar of 20". The splitting operation begins immediately after the log has been cut off. The machine has a patented three-speed-cylinder which speeds up the processing of smaller logs. The KS 45S does not yield – no matter how heavy the load. The force of up to 16 tonnes is sufficient for even large logs. The contract work is finalised by the hydraulically driven 4.3-m long discharge conveyor that takes the ready firewood into bags or onto a pallet.



Features

PowerSpeed Cylinder for optimized splitting: Automatically adjusting splitting force and speed
Adjustable cutting speed/saw bar pressure Hydraulic log clamp
Log clamp with hydraulic roller Adjustable mechanical log length stopper Hydraulic Midi/Mega log deck control Hydraulic splitting wedge adjustment Hydraulic joystick control Automatic saw chain lubrication Conveyor speed adjustment
Folding and laterally pivotable conveyor In-feed conveyor 33 x 225 cm
Connection for additional infeed roller/log deck Dropping plate

Power source

Tractor
Tractor/electric motor 22 kW

Accessories

Palax Midi/Mega log deck Palax Roller cleaning conveyor Palax Cleaner debris barrel Palax Puru sawdust aspirator Hydraulic infeed roller to extension table Hydraulic oil cooler Hydraulic oil heater Outfeed conveyor extension 1 m



PALAX® KS 40S setting the standard for robustness

developed to process even the largest of logs with ease

KS 40S, with its saw-bar of 16" and 13 tonnes of raw splitting force, is capable of splitting logs up to 38 cm in diameter. The stamina for working is provided by the reinforced in-feed deck, by means of which even the most massive trunks can be transferred for cutting. The wide and durable splitting chute brings an extra boost to the splitting operation.

When using the KS 40, the workman's pace never slows down. The nifty level monitoring and filling of the saw chain oil reduce the need for maintenance operations. The discharge conveyor, which automatically stops if the splitting chute is opened, is an additional safety feature.



25-60 cm



Features

PowerSpeed Cylinder for optimized splitting: Automatically adjusting splitting force and speed
Hydraulic log clamp
Adjustable mechanical log length stopper Hydraulic Midi/Mega log deck control Hydraulic splitting wedge adjustment Hydraulic joystick control Automatic saw chain lubrication Conveyor speed adjustment Folding and laterally pivotable conveyor In-feed conveyor 20 x 200 cm Connection for additional infeed roller/log deck

Power source

Tractor
Tractor/electric motor 11 kW

Accessories

Palax Midi/Mega log deck Palax Roller cleaning conveyor Palax Cleaner debris barrel Palax Puru sawdust aspirator Hydraulic oil cooler Hydraulic oil heater Outfeed conveyor extension 1 m



Available models:

ERGO

PRO

PRO+

PowerSpeed

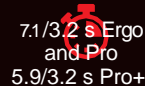
PALAX® 360

A versatile machine for demanding jobs

processing logs into firewood has never been this comfortable and easy

The new generation's Palax D360 focuses on practicality and technical features without compromising on the impressive design. The adjustable log clamp has reached a new level of functionality, and the adjustable wood length stopper has also seen some improvements. In order to facilitate steel maintenance and increase the visibility to the channel, we improved the design of the safety net. The new Palax D360 has 20% larger oil volume than its predecessor, which significantly decreases the oil temperature.

In terms of comfort of use, the Palax D360 is at the top of its class. It has been equipped with a 15" chainsaw, which enables cutting logs as thick as 36 cm in diameter. Palax D360 is an excellent choice for firewood processing especially when the thickness of the processed logs varies. The quick, reliable input conveyor also makes the hard work easier. The chainsaw's automatic oiler lubricates the blade evenly during the sawing, so you can keep up the quick pace at all times. Additionally, the machine is by default equipped with a rapid motion valve which helps split small logs quickly and slows down the bigger logs only during the initial splitting phase when more force is required. The splitting channel's debris grate lets through any debris from the splitting, leaving an end result of clean and easily dryable wood. If you are looking for an all-purpose tool intended for hard workers, this is the one – and it comes in a compact package that is more efficient than ever.



Features

- Adjustable mechanical log length stopper
- Automatic saw chain lubrication
- Length adjustable log clamp
- In-feed conveyor 20 x 200 cm
- Connection for additional infeed roller/log deck
- Folding and laterally pivotable conveyor

Pro and Pro+ features

- Hydraulic log clamp
- Hydraulic joystick control
- Hydraulic splitting wedge adjustment
- Hydraulic Midi/Mega log deck control
- Conveyor speed adjustment

Pro+ feature

- PowerSpeed Cylinder for optimized splitting: Automatically adjusting splitting force and speed

Power source

- Tractor
- Tractor/electric motor 7.5 kW

Accessories

- Palax Midi/Mega log deck
- Palax Roller cleaning conveyor
- Palax Cleaner debris barrel
- Palax Puru sawdust aspirator
- Hydraulic oil cooler
- Hydraulic oil heater
- Outfeed conveyor extension 1 m



PALAX® **270** ACTIVE

A compact unit for mobile loggers

The smallest member of the Palax chain saw range makes processing of firewood effortless and fast

Even if the Palax D270 Active is small to the external dimensions, it is handy and effective when it comes to the processing of firewood. The protective net, which opens up completely, makes the maintenance easy, and the in-feed rollers for the logs make handling of the log lighter. Either a tractor, a combustion engine or an electric motor can be selected as the power source of the machine. The machine's 4-ton cylinder guarantees that the splitting force is more than sufficient for consumer use. Cutting is affected by means of a 13" saw-bar and a chain-saw. A skilful saw operator is able to sharpen the chain himself without suspending the work with any unnecessary standstills.

The D270 Active is not at all picky in terms of working environment or the location of the work site. As it is easy to transfer, it follows the workman to wherever he goes. Platforms for transportation on and off the road are available as an option.

Sawbar 13"

4 kW
16 A

0/2
Option 2/4

25–40 cm

Max. 27 cm

2.6 m

4 t

4 s

Features

Adjustable mechanical log length stopper Automatic saw chain lubrication
Spring loaded log clamp
Mechanical control Cutting length adjustment Automatic log splitting Firewood out-take trough

Power source

Tractor Electric
4 kW
Combustion engine

Accessories

Hydraulic discharge conveyor 2.6 m
Skid-steer loader adapter
Transport platform off-road/on-road

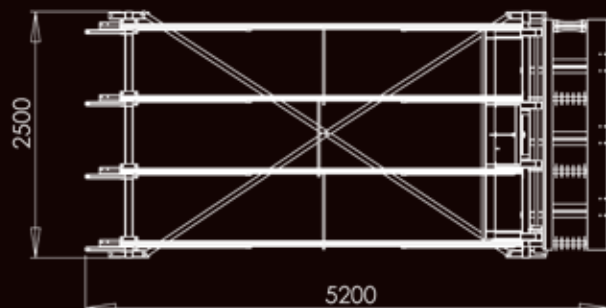
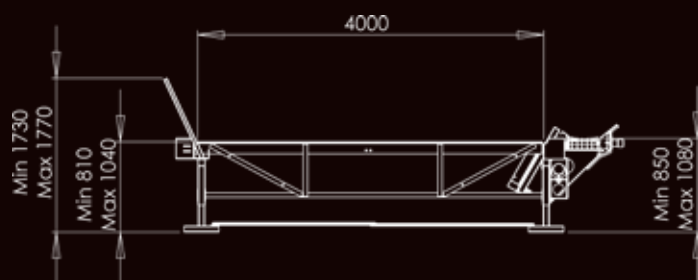


PALAX MEGA

A deck doesn't get any better than this! Palax Mega is equipped with a hydraulic chain-operated in-feed table and step feeder, as well as a 4 m chain beam. The chains can be run forward and backward. The capacity of this unbeatable workhorse is 12 cubic metres. Palax Mega is best suited for the largest of firewood processors.

a True heavyweight log deck

- Palax Mega log-deck for C-series
- Breadth 2.2 m
- Chain beams 4 m
- Weight 1079 kg
- Capacity 10-12 m3





PALAX® MIDI

Palax Midi features a hydraulic chain-operated in-feed table and rotating wood feeders. The width of the table can be adjusted from 1.7 m to 2.3 m. The basic model has two hydraulic feed rollers that feed the logs into the firewood processor and one freely rotating support roller. For longer logs, you can add an extra chain beam to the deck, which will also increase the load-bearing capacity of the deck. Palax Midi is best suited for small and medium-sized firewood processors.

a Sturdy log deck for heavy-duty use

- Two hydraulic rollers for C-series/D360 models
- Hydraulic infeed roller for C-series/D360/KS models
- Extra chain beam for longer logs



DECK

PALAX®

The logs await their chopper on a sturdy and easy-to-assemble log rack at the right cutting height. You can equip the deck with a hydraulic feed roller (accessory) to make your work easier when handling long logs and help you place the logs on the in-feed table of the machine. Palax Deck is best suited for small firewood processors with an in-feed table.

A lightweight log rack to make your work easier

- Hydraulic infeed roller for C-series/KS40/D360
- Capacity 6 m3



PALAX[®] ROLLER

CLEANING CONVEYOR

Palax Roller cleans the wood efficiently after the firewood processor, eliminating the need for separate cleaning before packing. The vibrating rollers of different sizes, designed specifically for cleaning wood, shake small and large debris off the wood. Palax Roller is a versatile product designed to give you clean results! If you want to, you can also pour wood straight out of a bag or a front loader for cleaning. Couldn't be much easier and cleaner! Palax Roller is ideal for hard wood as well. Clean wood will dry more quickly, resulting in high-quality wood ready for use. Roller is suited for screening wood up to 40 cm in length.

Dimensions

Operating height: 2,200–3,000 mm max.
width: 1,515 mm
length: approx. 2,800 mm
length with conveyor: approx. 5,700 mm

Weight

Weight with conveyor: 1,020 kg weight
without conveyor: 890 kg

Operation

Roller: gear motor 400V / 0.55 kW conveyor: gear
motor 400V / 0.55 kW

Screen size

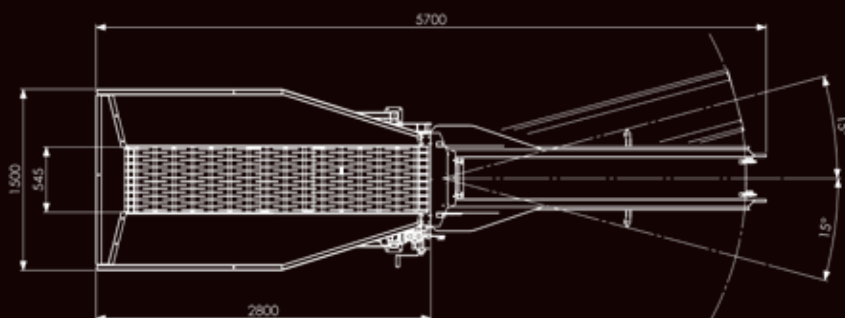
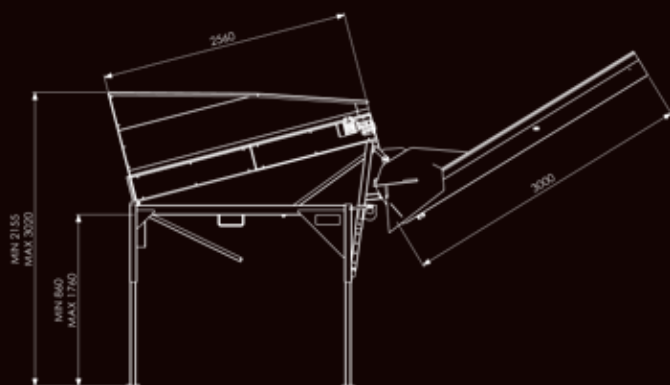
25 mm x 130 mm

Power source

Electric
motor Tractor
hydraulics

Accessories

Extension conveyor





PALAX® CLEANER

The efficient and silent rotating debris barrel produces clean wood and keeps the work area tidy. Palax Cleaner reduces wood debris to a minimum. When cleaned, the wood also dries quickly to heat up your fireplace. To make bag filling easy, you can choose between available accessories, an extension conveyor or bag filling plates for two bags.

Dimensions

Operating height: 2250–3250 mm
max. width: 1150 mm
length: approx. 2950 mm
length with conveyor: approx. 5,700 mm

Weight

Weight with conveyor: 500 kg weight
without conveyor: 630 kg

Operation

Roller: gear motor 400V / 0.55 kW conveyor: gear motor 400V / 0.55 kW

Screen size

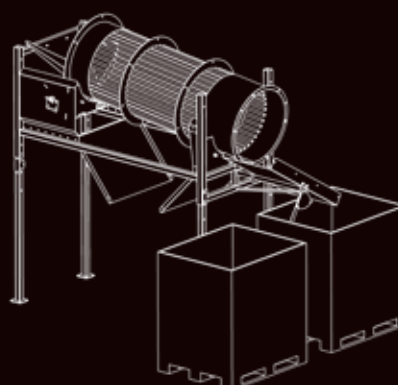
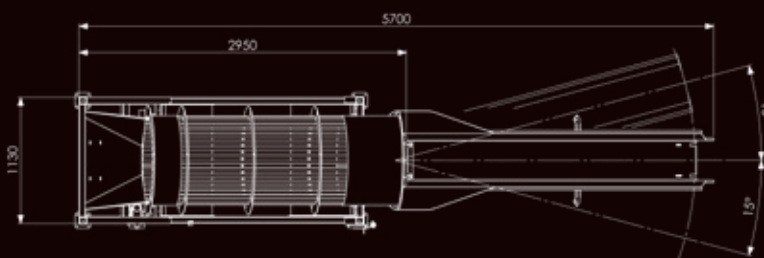
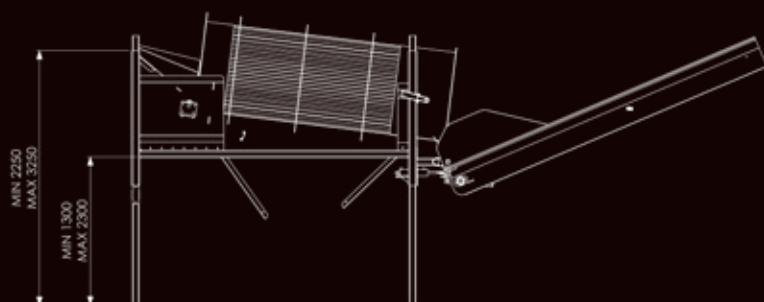
35 mm x 600 mm

Power source

Electric
motor Tractor
hydraulics

Accessories

Extension conveyor
Bag filling plates for two bags





60 years of leadership in firewood processors

Our story began under the name Terästakomo in 1954 when the company founder, Lauri Viitamäki, established a blacksmith shop in a smoke sauna in the village of Ylistaro, Finland. The first products served the needs of farmers in agriculture and forestry. In 1959, our first firewood processor was introduced. Today, our company has more than 60 years of pioneering expertise in developing and manufacturing firewood processors and related accessories under the Palax brand name.

Palax is one of the world's most renowned brands among professional loggers. Palax machines are sold in over 30 countries and our worldwide distributor network offers service and support in multiple languages.

The whole production chain from start to finish is in our own hands. Our production facilities, approximately 6,000 m² (65,000 ft²) are located in Ylistaro, Finland. The quality and efficiency are guaranteed by modern equipment, professional staff, team-based assembly and the latest knowhow. Our core values are vital to us - honesty, entrepreneurship, customer valuation, transparency and respect of employees - and they also reflect on the development of the state-of-the-art machinery.

We ensure that processing logs into firewood is comfortable and efficient. The Palax firewood processors are known for their robustness, reliability and ease of use – they are a perfect choice for anyone who requires ultimate productivity for demanding professional use. Above all, Palax machines retain their value well.

Ylistaron Terästakomo Oy including the Palax brand is part of the Finnish Industry Group Terra Patris.



Palax in 1959



Palax in 2019

Our pioneering spirit has been driving us from the company's earliest days (pictured left is our first firewood processor) and allowed us to become one of today's leading manufacturers in the world (pictured right is Palax C1000). We produce one thousand high-quality firewood processors per year at our own production facilities in Finland.



Made in Finland

PALAX®

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