

PALAX®

**OVER 60 YEARS OF LEADERSHIP
IN FIREWOOD PROCESSORS**



CONTENTS

PALAX C SERIES: FIREWOOD PROCESSORS WITH A CIRCULAR SAW BLADE



C1000.2



1000 mm



Max. 40 cm



25-55 cm
Palax Optimi



16 t

C900.2



900 mm



Max. 37 cm



25-55 cm
Palax Optimi



10 t

C750.2



750 mm



Max. 30 cm



25-55 cm



4/6/8/9 t

PALAX D SERIES: FIREWOOD PROCESSORS WITH A CHAINSAW



KS 45S



20"



Max. 45 cm



25-55 cm



18 t

D410



16"



Max. 38 cm



25-60 cm



13 t

D360



15"



Max. 36 cm



25-60 cm



6 t Ergo and Pro
9 t Pro+

C SERIES AND D SERIES COMPARISON CHART

ACCESSORIES

X-AIM

LOG TABLES: MEGA, MIDI AND DECK 2.0

FIREWOOD CLEANERS: ROLLER AND CLEANER

PALAX C-SERIES

Palax C-series machines are equipped with a circular saw. The key benefits of using a circular saw are speed, freedom of maintenance and a small amount of oil-free sawdust. 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.



PALAX C1000.2
MODEL PRO AND PRO+

Available as a tractor powered or an electric motor model.

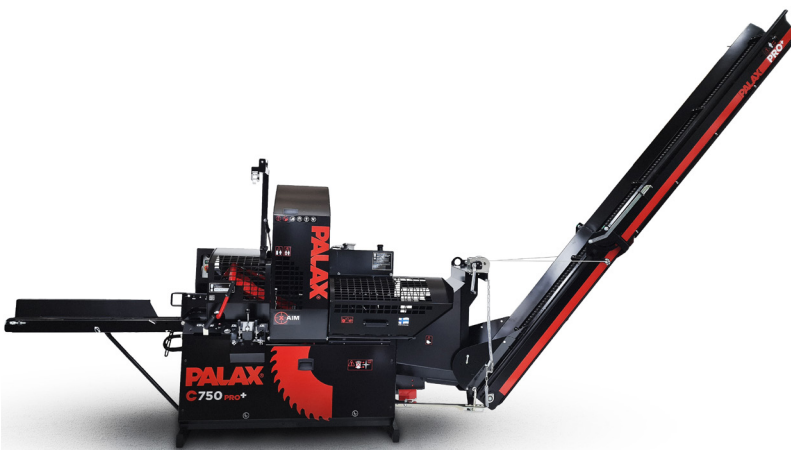
The Pro+ and Pro models have Palax Optimi that guarantees fast splitting by automatically adjusting the splitting length according to the cutting length, speed control of the discharge conveyor and control of the Midi and Mega log tables. The factory-installed X-Aim automatic splitting wedge height adjustment is available as an accessory for both models. The difference between the models is that, in addition to the standard features, the Pro+ model has a three-speed intelligent PowerSpeed splitting cylinder that automatically recognizes the required splitting force and speed: the result is an up to 30% faster work cycle.



PALAX C900.2
MODEL PRO+

Available as a tractor powered model, an electric motor version or as a hybrid.

The Pro+ model has Palax Optimi that guarantees fast splitting by automatically adjusting the splitting length according to the cutting length, speed control of the discharge conveyor, the control of the Midi and Mega log tables as well as the three-speed intelligent PowerSpeed splitting cylinder that automatically recognizes the required splitting force and speed: the result is an up to 30% faster work cycle. The factory-installed X-Aim automatic splitting wedge height adjustment is available as an accessory.



PALAX C750.2
MODELS ERGO, PRO AND PRO+

Available as a tractor powered model or a hybrid (tractor/electric motor).

The Pro and Pro+ models are best suited for professionals who appreciate the ease of use of hydraulic steering. As the standard features, the models have the control of the Midi and Mega log tables. It is also possible to get the factory-installed X-Aim automatic splitting blade height adjustment as an accessory for both models. In addition, the Pro+ model has speed control of the discharge conveyor and the three-speed intelligent PowerSpeed splitting cylinder that automatically recognizes the required splitting force and speed: the result is an up to 30% faster work cycle. The Ergo model, controlled by mechanical levers, is best suited for semi-professionals or hobbyists.



PALAX® C1000.2

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.

Speed significantly increases the productivity of firewood processors. With leading technical solutions, Palax has optimized the speed of wood processing. The circular saw blade cuts also hard wood efficiently, neatly and without getting dull, even if the logs are dirty and contain grit. As the log proceeds to splitting, the speed is guaranteed by the **Palax Optimi** system which automatically adjusts the length of the splitting cylinder, i.e. the length of the splitting stroke, in accordance with the cutting length. The rapid motion valve adds extra speed to the splitting, and in the Pro + models, a special PowerSpeed cylinder increases the speed even more.

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 wedges from 2/0 up to 2/12 are available as accessories.



The control panel brings ease-of-use to your work.











The dropping plate guides the wood straight into the splitting chute.



Changing the splitting wedge is quick and easy.



| | | | |
|---|---|---|---|
|  |  |  |  |
| 1000 mm | 15 kW/ Min. 35 A Recommend. 50 A | 2/6 Option 2/0, 2/4, 2/8, 2/10, 2/12 | 25-55 cm Palax Optimi |
|  |  |  |  |
| Max. 40 cm | 4.3 m | 16 t | 45 cm 4.8 s Pro, 3.2 s Pro+ 33 cm 3.7 s Pro, 2.5 s Pro+ |

Features

- Automatic fast log splitting ensured by Palax Optimi and PowerSpeed
- 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

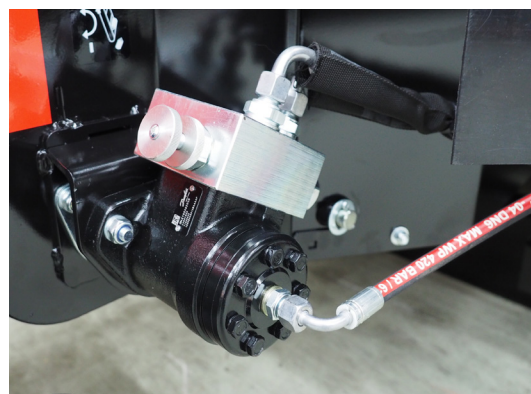
- Tractor (PTO)
- Electric motor 15 kW

Accessories

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



The X-Aim accessory automatically adjusts the splitting wedge to the optimum height.



The out-feed conveyor features continuously variable speed control.

Cargo measurements (mm)

Width x depth x height
3250 x 1750 x 2530

Weight (kg)

1780-1850 (PTO)
1850 (Electric)



PALAX® C900.2

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!

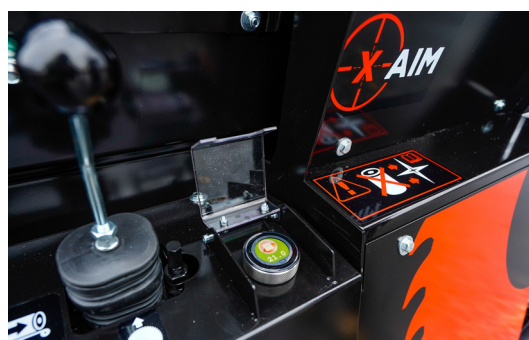
Palax C900 features an uncompromisingly fast 900 mm hard-metal blade. As the log proceeds to splitting, the speed is guaranteed by the **Palax Optimi** system which automatically adjusts the length of the splitting cylinder, i.e. the length of the splitting stroke, in accordance with the cutting length. The rapid motion valve adds extra speed to the splitting, and in the Pro + models, a special PowerSpeed cylinder increases the speed even more.

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.



All operating levers are assembled in one place to enable easy operation.



With X-Aim's touch encoder, the user gets real-time data on work productivity.



Well-protected accessory connections for example for a Midi or Mega log table.



Available
model



Compatible
with



900 mm



15 kW/
32 A



2/4
Option 2/6, 2/8



25-55 cm
Palax Optimi



Max. 37 cm



4.3 m



10 t



45 cm 3.3 s
33 cm 2.4 s

Features

Automatic fast log splitting ensured by Palax

Optimi and PowerSpeed

Adjustable cutting speed

Automatic V-belt tensioning

Hydraulic log clamp

Hydraulic joystick control

Adjustable hydraulic log length stopper

In-feed conveyor 20 x 220 cm

Hydraulic Midi/Mega log deck control

Hydraulic splitting wedge adjustment

Conveyor speed adjustment

Folding and laterally pivotable conveyor

Power source

Tractor (PTO)

Electric motor 15 kW

Hybrid (PTO/Electric)

Accessories

Palax X-Aim

Palax Midi/Mega log deck

Palax Roller cleaning conveyor

Palax Cleaner debris barrel

Palax Puru sawdust aspirator

Hydraulic rear infeed roller

Hydraulic oil cooler

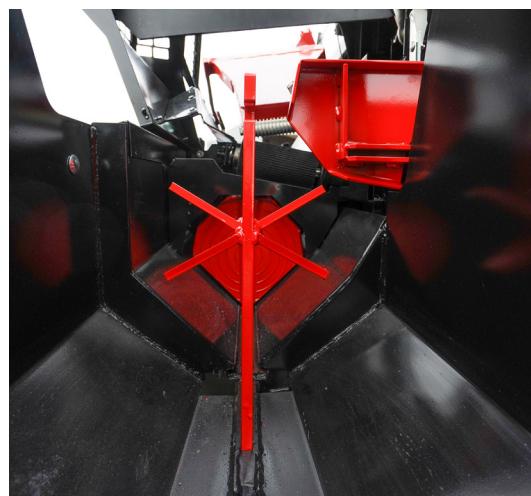
Hydraulic oil heater

Hydraulic conveyor swing

Outfeed conveyor extension 1 m



The hydraulic log clamp works automatically and improves log control.



Changing the splitting wedge is quick and easy.

Cargo measurements (mm)

Width x depth x height

2850 x 1500 x 2450

Weight (kg)

1700 (PTO)

1800 (Electric)

1800 (PTO/Electric)



PALAX® C750.2

WHEN PROCESSING SPEED IS VITAL

LOOK NO FURTHER IF YOU NEED TO TURN LOGS INTO FIREWOOD IN RECORD TIME

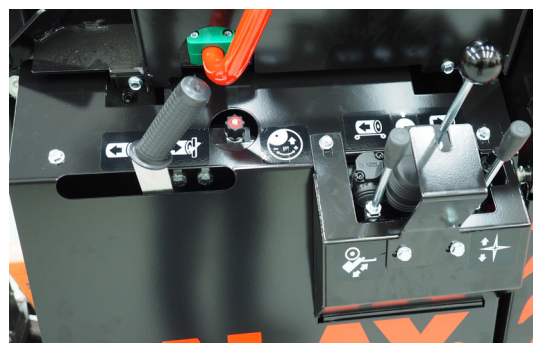
The speed and power of Palax C750 meets all demands. Its 750 mm hard-tip blade is the fastest on the market and will cut logs up to 30 cm (11.8") in diameter. Furthermore, the mechanical design of the rear part facilitates the passage of firewood in the splitting chute.

The robust splitting wedge 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 PowerSpeed cylinder 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.



A solid backboard of the in-feed conveyor eases log feeding.



Pro and Pro+ models: All operating levers are assembled in one place to enable easy operation.



With X-Aim, splitting is automated and results in consistently high-quality firewood despite the varying diameter of the log.



Available models



Compatible with



PowerSpeed

X-AIM



750 mm



11 kW/
25 A



2/4
Option 2/6, 2/8



25-55 cm



Max. 30 cm



4.3 m



4/6/8/9 t



8t 4.0 s, 6t 3.3 Ergo
and Pro
6t 2.0 s, 9t 2.8 s Pro+

Features

- Automatic rapid motion 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
- Hydraulic Midi/Mega log deck control

Pro+ feature

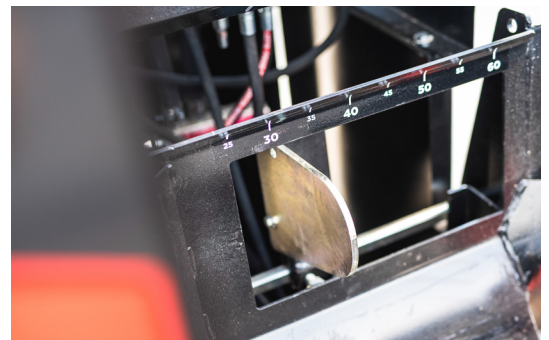
- PowerSpeed Cylinder for optimized splitting:
Automatically adjusting splitting force and speed
- Conveyor speed adjustment

Power source

- Tractor (PTO)
- Hybrid (PTO/Electric motor 11 kW)

Accessories

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



The log length stopper is sturdy and durable.



Pro and Pro+ models: The hydraulic log clamp works automatically and improves log control.

Cargo measurements (mm)

Width x depth x height
2850 x 1300 x 2440

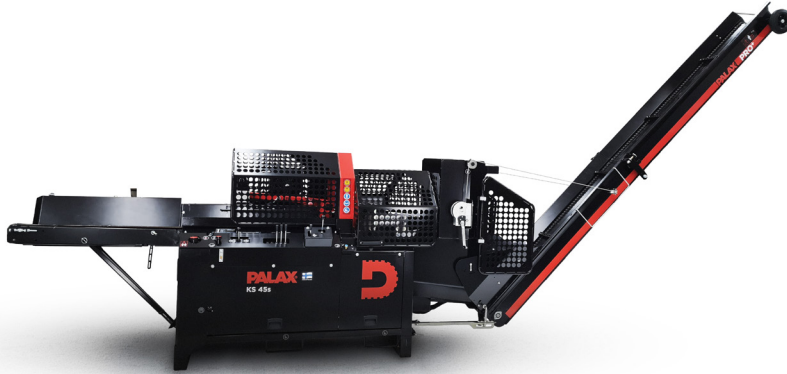
Weight (kg)

840 (PTO)
930 (Hybrid)



PALAX D-SERIES

Palax D-series machines are equipped 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.



PALAX KS 45S

Available as a tractor powered model or a hybrid (tractor/electric motor).

KS 45s has the ease of use of hydraulic steering, speed control of the discharge conveyor and control of the Midi and Mega log tables. In addition, the three-speed intelligent PowerSpeed splitting cylinder automatically recognizes the required splitting force and speed: the result is an up to 30% faster work cycle.



PALAX D410 MODEL PRO+

Available as a tractor powered model, an electric motor version or as a hybrid.

The Pro+ model the ease of use of hydraulic steering, speed control of the discharge conveyor and control of the Midi and Mega log tables. In addition, the three-speed intelligent PowerSpeed splitting cylinder automatically recognizes the required splitting force and speed: the result is an up to 30% faster work cycle. As an accessory, it is possible to get the factory installed X-Aim automatic splitting wedge height adjustment.



PALAX D360 MODELS ERGO, PRO AND PRO+

Available as a tractor powered model, an electric motor version or as a hybrid.

The Pro+ and Pro models are best suited for semi-professionals who appreciate the convenience of hydraulic controlling.. The Pro+ model also has the speed control of the discharge conveyor and control of the Midi and Mega log tables as standard. In addition, the Pro+ model has the intelligent PowerSpeed splitting cylinder that automatically recognizes the required splitting force and speed: the result is an up to 30% faster work cycle. The Ergo model, controlled by mechanical levers, is best suited for semi-professionals or hobbyists.



PALAX® KS 45S

THE BEST FIT FOR PROCESSING LOGS OF ALL SIZES

BRINGING HIGH CAPACITY, SPEED AND POWER TO THE PROFESSIONAL PROCESSING OF FIREWOOD

The KS 45S is designed for contractors who process logs of extremely varying diameter. The machine 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.

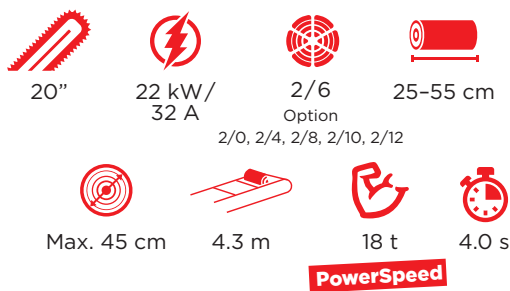
The KS 45S comes with an efficient crosscut sawbar of 20". The splitting operation begins immediately after the log has been cut off. The machine has a patented three-speed-cylinder which speeds up the processing of smaller logs. The KS 45S does not yield – no matter how heavy the load. The force of up to 18 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.



The log clamp with a hydraulic drive roller ensures efficient log feeding.



The dropping plate guides the wood straight into the splitting chute.



Features

PowerSpeed Cylinder for optimized splitting:
 Automatically adjusting splitting force and speed
 Automatic adjustable cutting speed/saw bar pressure
 Hydraulic log clamp
 Log clamp with hydraulic roller
 Adjustable automatic 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 (PTO)
 Hybrid (PTO/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



The hydraulically adjustable splitting wedge is easy to change.

Cargo measurements (mm)

Width x depth x height
 3250 x 1240 x 2510

Weight (kg)

1390 (PTO)
 1490 (Hybrid)



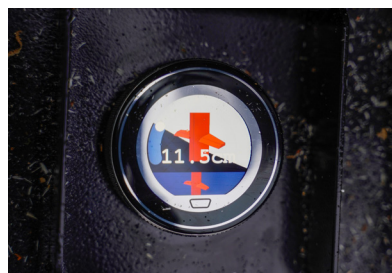
PALAX® D410 PRO+

THE CHOICE FOR HEAVY-DUTY JOBS

DEVELOPED TO PROCESS EVEN THE LARGEST OF LOGS WITH EASE

The Palax D410 meets the needs of even the most demanding professionals. With an improved pusher design, the D410 will allow you to manage wood more easily. In addition, the advanced splitting speed and the innovative dodging and gripping properties of the log clamp as well as the maintenance of the chainsaw chains are designed to bring ease to heavy-duty jobs.

The Palax D410 has been created for handling heavy wood, and is able to process wood with up to 38 cm thick in diameter. The new design is not only more shockingly handsome, but also provides clearer visibility into the splitting chute. An additional new feature is the availability of the twelve-part splitting blade for handling soft wood.



With X-Aim, splitting is automated and results in consistently high-quality firewood despite the varying diameter of the log.



The amount of chain oil is visible to the user at all times and easy to fill.



16"



11 kW/
25 A



2/6
Option 2/4, 2/8



25–60 cm



Max. 38 cm



4.3 m



13 t



2.9 s

Features

PowerSpeed Cylinder for optimized splitting:
Automatically adjusting splitting force and speed
Hydraulic log clamp
Adjustable mechanical log length stopper
Hydraulic Midi/Mega timber 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 (PTO)
Electric motor 11 kW
Hybrid (PTO/Electric)

Accessories

Palax X-Aim
Palax Midi/Mega timber deck
Palax Roller cleaning conveyor
Palax Cleaner debris barrel
Palax Puru sawdust aspirator
Hydraulic oil cooler
Hydraulic oil heater

Cargo measurements (mm) Weight (kg)

| | |
|------------------------|-----------------|
| Width x depth x height | 1044 (PTO) |
| 2850 x 1180 x 2440 | 1100 (Electric) |
| | 1144 (Hybrid) |



Available models

ERGO

PRO

PRO+

PowerSpeed

PALAX® D360

A VERSATILE MACHINE FOR DEMANDING JOBS

PROCESSING LOGS INTO FIREWOOD HAS NEVER BEEN THIS COMFORTABLE AND EASY

Palax D360 is at the top of its class with its technical features and comfort of use: the increased splitting force and speed, the improved adjustable log clamp and wood length stopper as well as facilitated chain maintenance and the visibility to the channel, thanks to the new safety net design. In addition, increased oil capacity allows the oil temperature to remain at a moderate level.

The machine 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 machine intended for hard workers, this is the one – and it comes in a compact package that is more efficient than ever.



15"



7.5 kW/
Min. 16 A
Recommend. 20 A



2/4
Option 2/6



25–60 cm



Max. 36 cm



4.3 m



6 t Ergo & Pro
9 t Pro+



6t 3.3 s, 9t 4.6 s
Ergo and Pro
9 t 2.9 s Pro+

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

Pro+ feature

- PowerSpeed Cylinder for optimized splitting:
Automatically adjusting splitting force and speed
- Hydraulic Midi/Mega log deck control
- Conveyor speed adjustment

Power source

- Tractor (PTO)
- Electric motor 7.5 kW
- Hybrid (PTO/Electric)


Accessories

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

Cargo measurements (mm) Weight (kg)

| | |
|------------------------|--------------------|
| Width x depth x height | 800-880 (PTO) |
| 2850 x 1105 x 2440 | 860-970 (Electric) |
| | 860-970 (Hybrid) |



|  COMPARISON TABLE | | C series firewood processors | | | D series firewood processors | | |
|---|--|------------------------------|-------|--|------------------------------|------|---------------------------------------|
| | | C1000 | C900 | C750 | KS 45S | D410 | D360 |
| POWER SOURCE | Depending on the model, available optionally either as PTO or electric powered or as a hybrid. | | | | | | |
| | Tractor | • | • | • | • | • | • |
| SPLITTING | Electric motor | • | • | A | A | • | A |
| | Splitting power | 16 t | 10 t | 4 t / 6 t 8 t / 9 t | 18 t | 13 t | 6 t / 9 t |
| FEATURES | PowerSpeed splitting | PRO+ | • | PRO+ | • | • | PRO+ |
| | Patented Palax Optimi -system | • | • | | | | |
| | Hydraulic log length stopper | • | • | | • | | |
| | Mechanical log length stopper | | | • | | • | • |
| | Hydraulic oil container | 160 L | 120 L | 50 L | 135 L | 70 L | 70 L |
| | Hydraulic oil quantity/thermometer | • | • | | • | | |
| | Hydraulic joystick control | • | • | PRO, PRO+ | • | • | PRO, PRO+ |
| | Automatic splitting activation | • | • | • | • | • | • |
| | Manual splitting activation | • | • | • | • | • | • |
| | Automatic rapid motion valve | • | • | • | • | • | • |
| | Automatic V-belt tensioning | • | • | • | | | |
| | Dropping plate | • | | | • | | |
| | Hydraulic log clamp | • | • | PRO, PRO+ | • | • | PRO, PRO+ |
| | Hydraulic logging back support | • | | | | | |
| | 3/8" in-feed roller connection | • | • | • | • | • | • |
| | 1/2" Midi/Mega log deck connections | • | • | PRO (A), PRO+ (standard) | • | • | PRO (A), PRO+ (standard) |
| | Adjustable cutting speed | • | • | PRO, PRO+ | • | • | PRO, PRO+ |
| | Hydraulic out-feed conveyor | • | • | • | • | • | • |
| | Conveyor swing, 5-steps, manual | • | • | • | • | • | • |
| | Conveyor speed adjustment | • | • | ERGO & PRO (A), PRO+ (standard) | • | • | ERGO & PRO (A), PRO+ (standard) |
| | Hydraulic splitting wedge height adjustment | • | • | PRO, PRO+ | • | • | PRO, PRO+ |
| | Splitting wedge quick release | • | • | • | • | • | • |
| | Hydraulic in-feed conveyor | • | • | • | • | • | • |
| | In-feed belt reverse | • | • | • | • | • | PRO, PRO+ |
| ACCESSORIES | Tractor 3-point linkage | | • | • | • | • | • |
| | X-Aim | FiA | FiA | FiA | | FiA | |
| | Hydraulic oil cooler | A | A | | A | A | A |
| | Hydraulic oil heater | A | A | A | | A | A |
| | Hydraulic rear in-feed roller | A | A | | A | | |
| | Hydraulic conveyor swing | | A | | A | | |
| | Sawdust adapter | A | A | A | A | A | A |
| | Out-feed extension 1 m* | A | A | A | A | | |
| SPLITTING WEDGES | Splitting wedge 2/0 | A | A | A | A | A | A |
| | Splitting wedge 2/4 | A | • | • | A | A | • |
| | Splitting wedge 2/6 | • | A | A | • | • | A |
| | Splitting wedge 2/8 | A | A | PRO, PRO+ (8 t and 9 t) | A | A | A |
| | Splitting wedge 2/10 | A | | | A | | |
| | Splitting wedge 2/12 | A | | | A | | |

• standard feature A accessory FiA factory installed accessory

*only 1 piece per machine

PALAX® ACCESSORIES



**COMPATIBLE WITH THE FOLLOWING MODELS:
C1000.2, C900.2, C750.2 AND D410**

PALAX[®]



CONSISTENT QUALITY FIREWOOD AUTOMATICALLY

X-AIM MONITORS THE DIAMETER OF THE LOG AND AUTOMATICALLY ADJUSTS THE SPLITTING WEDGE TO THE OPTIMUM HEIGHT.

X-Aim allows the user to concentrate on feeding wood from the log table to the firewood processor and cutting. Thus X-Aim enables ease of use and adds efficiency to the firewood production. The splitting is automated and results in consistently high quality firewood despite the varying diameter of the log.

When log size varies, the user doesn't have to worry about adjusting the height of the splitting wedge; instead, the machine measures the diameter of the new log before cutting and sets the splitting wedge to the desired height.

The user can also set the desired minimum thickness for the tree below which the splitting wedge will automatically be raised and the small trunks will be split only in half. This increases productivity and enables more efficient production of miscellaneous timber.

Factory installed accessory

- X-Aim can only be installed at the factory for the new mid to large firewood processors

Benefits

- Ease of use
- Increased efficiency
- High quality firewood also from miscellaneous timber
- Real-time data on work productivity



X-Aim automatically adjusts the splitting wedge to the optimum height in the middle of the log.



With X-Aim's intelligence, the user also gets real-time data on work productivity: the touch encoder distinguishes processed cubes, hours of operation, number of cycles and saw squares.

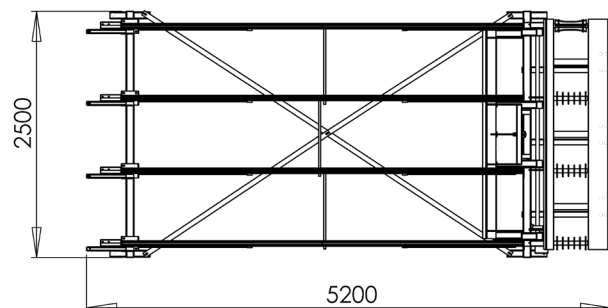
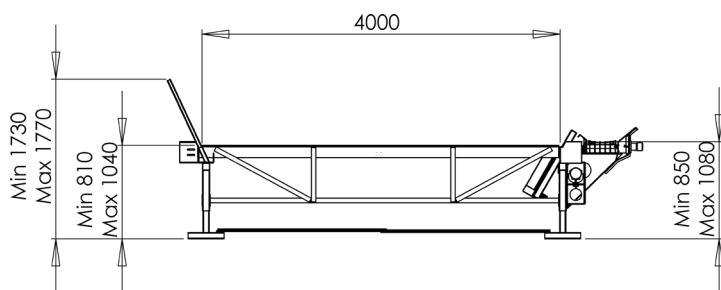


PALAX® MEGA

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/D series
- Breadth 2.5 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 shorter 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

- Palax Midi log deck for C/D series
- Breadth 1.7-2.3 m
- Chain beams 3 m
- Weight 450 kg
- Capacity 7-8 m³
- Two infeed rollers as standard equipment, third one as an accessory



PALAX® DECK 2.0

It is always an ergonomically better solution to feed the logs into the firewood processor from working height rather than directly from the ground. At the same time, it significantly increases work efficiency. Palax Deck 2.0 is a lightweight log rack that still has the durability to handle large amounts of wood with its 6 cubic meters' capacity. The inclined structure facilitates the feeding of logs to the firewood processor. The adjustable width of the deck brings flexibility for feeding logs. The rack is suitable as an assistant in firewood production when you are looking for a log deck that can be manually fed and easily moved.

A LIGHTWEIGHT LOG RACK TO MAKE YOUR WORK EASIER

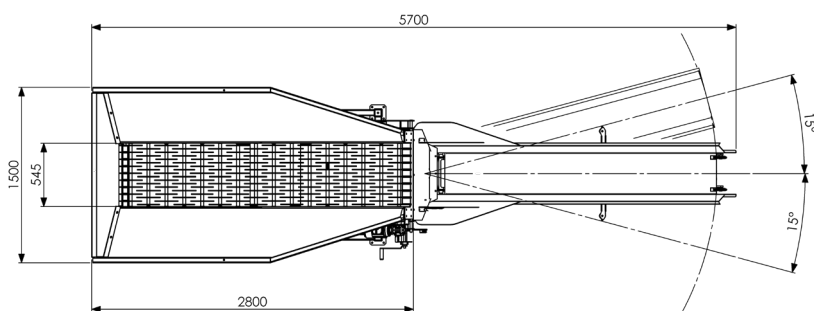
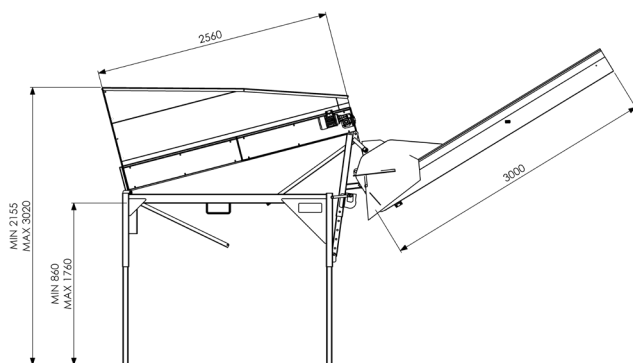
- Palax Deck 2.0 for C/D series
- Breadth 1.25 – 1.85 m
- Length 2.1 m
- Weight 160 kg
- Capacity 6 m³
- Hydraulic infeed roller available as an accessory



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 off small and large debris. 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.



Palax Roller removes wood debris. Firewood can be easily re-screened with Roller by using a front loader.



The cleaning rollers effectively shake off debris.

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

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

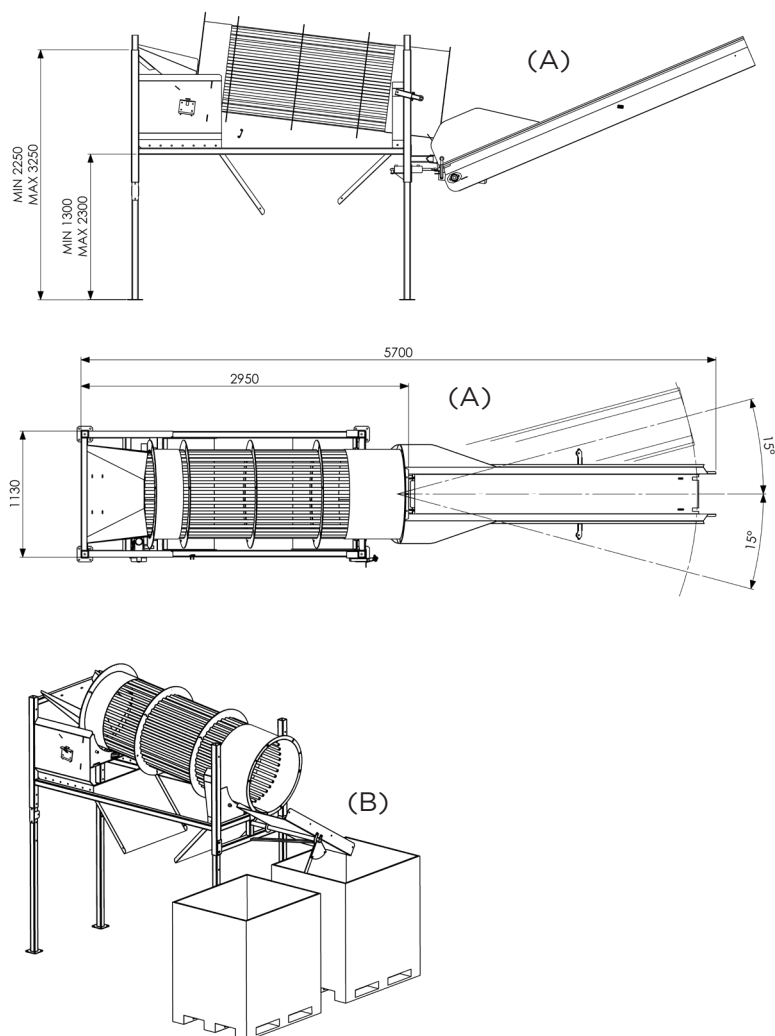
Weight

Weight with conveyor: 1.020 kg
Weight without conveyor: 890 kg



PALAX® CLEANER

The efficient 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.



Palax Cleaner allows effective debris removal right after cutting and splitting firewood.



Palax Cleaner has a rotary debris barrel.

Operation

Cleaner: 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

(A) Extension conveyor

(B) 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: 630 kg

Weight without conveyor: 500 kg



OVER 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, valuing customers, 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.

In 2020, Ylistaron Terästakomo Oy's business operations were transferred to TP Silva Oy which is part of the Finnish Industry Group Terra Patris. The Palax trademark will remain a strong brand in the new company's product portfolio in the future as well.



Palax in 1959



Palax in 2023

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.



PALAX®

TP Silva Oy

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