
THE FASTEST FIREWOOD PROCESSORS
SINCE
PALAX
1954
PALAX®
SPEED AND SAFETY
FOR EFFICIENT FIREWOOD
PRODUCTION

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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 cartbide-tipped circular saw cuts the log reliably and quickly. Long sharpening intervals increase the effective working time. Even the splitting wedge 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 which guarantees fast splitting by automatically adjusting the splitting cylinder stroke length according to the cutting length, speed control of the discharge conveyor, and control valve for the log deck. 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 features the intelligent PowerSpeed splitting, which automatically detects the required splitting force and speed, speeding up the work cycle by up to 30%.



PALAX C900.2

MODEL PRO+

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

The Pro+ model has Palax Optimi which guarantees fast splitting by automatically adjusting the splitting cylinder stroke length according to the cutting length, speed control of the discharge conveyor, the control valve for the log deck as well as the intelligent

PowerSpeed splitting, which automatically detects the required splitting force and speed, speeding up the work cycle by up to 30%. The factory-installed X-Aim automatic splitting wedge height adjustment is available as an accessory.



PALAX C751

MODELS SMART, PRO AND ERGO

Available as a tractor-powered or an electric motor model or as a hybrid (tractor/electric motor). Ergo is available only as a tractor-powered model.

All C751 models feature the intelligent PowerSpeed splitting, which automatically detects the required splitting force and speed, speeding up the work cycle by up to 30%.

A new feature is the hydraulic oil level and temperature gauge.





PALAX® C1000.2

PROCESS LARGE LOGS WITH GREAT EFFICIENCY

THE ULTIMATE CHOICE OF PROFESSIONAL LOGGERS

Palax C1000.2 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 ergonomic design of the Palax C1000.2 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, the special PowerSpeed splitting 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 output conveyor with speed control make 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

Features
Palax Optimi
PowerSpeed splitting (Pro+ model)
Adjustable cutting speed
Automatic V-belt tensioning
Hydraulic log clamp
Hydraulic joystick control
Adjustable hydraulic log length stopper
Infeed conveyor 33 x 225 cm
Hydraulic Midi/Mega/Log Pro log deck control
Hydraulic splitting wedge adjustment
Conveyor speed adjustment
Folding and laterally pivotable conveyor
Hydraulic locking back support
Dropping plate

Power source
Tractor (PTO)
Electric motor 15 kW

Accessories
Palax X-Aim
Palax Midi/Mega/Log Pro log deck
Palax Roller cleaning conveyor
Palax Cleaner debris barrel
Palax Puru sawdust aspirator
Hydraulic auxiliary roller for log infeed conveyor
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 outfeed 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 C900.2 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.

Palax C900.2 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, the special PowerSpeed splitting increases the speed even more.

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

The fully hydraulic controls, sturdy infeed conveyor and 4.3 m outfeed 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.

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

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
Infeed conveyor 20 x 220 cm
Hydraulic Midi/Mega/Log Pro 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 Pro 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
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® C751

WHEN SPEED AND EASE MATTER MOST

MORE POWERFUL AND USER-FRIENDLY THAN EVER FOR SPLITTING MEDIUM-SIZED LOGS

The Palax C751 takes work to a new level with unprecedented speed. The market's fastest 750 mm hard-metal blade effortlessly cuts logs up to 30 cm thick. The C751 Smart model is electronically controlled, while the Pro and Ergo models use traditional hydraulic-mechanical controls. The Pro model is equipped with a joystick, while the Ergo model has a manual control handle.

The Smart model takes user convenience to a whole new level with a graphical display that allows for setting adjustments and monitoring of key metrics like operating hours, firewood cubic meters, and maintenance procedures. The Smart model also comes standard with half-stroke splitting. The machine can be equipped with an even more precise X-Aim 2.0. splitting wedge height adjustment. Additionally, the automatic infeed assist simplifies the cutting and splitting cycle, making everything run smoothly at the touch of a button.

The Smart, Pro, and Ergo models all feature intelligent PowerSpeed splitting. A larger amount of hydraulic oil, weatherproof components, and durable Hardox splitting wedges make the machine reliable even in hot and demanding conditions. In addition, the machines come standard with a hydraulic oil level and temperature gauge, and the oil tank capacity has been increased.



A graphical display is a new feature in the Smart model.



The redesigned control panel for effortless machine operation.



Hydraulic connectors for an external actuator.

750 mm

11 kW/
25 A

2/4
Option 2/6, 2/8

20–57 cm

Max. 30 cm

4.3 m

6/8

C751 benefits

The easiest to use on the market - cutting and splitting with just one button press
The Smart model's standard feed assistant automatically handles wood feeding, activating as soon as the cutting blade reaches its upper position
Reduced maintenance costs

C751 features of all equipment models

PowerSpeed splitting
Adjustable log clamp
Connection for additional infeed roller
Adjustable mechanical log length stopper
Infeed conveyor 20 x 220 cm
Folding and laterally pivotable outfeed conveyor
Hydraulic oil level and temperature gauge
Larger hydraulic oil volume and oil tank
Durable Hardox splitting wedges

Smart features

Graphical display
Outfeed conveyor speed control
Automatic infeed assist
Splitting half-stroke
Advanced fault diagnostics
Outfeed conveyor stop and reverse
Connection to outfeed conveyor hydraulic swing
Palax X-Aim 2.0 available as option



The fast circular saw blade cuts through wood with ease.

Smart and Pro features

Outfeed conveyor speed control
Hydraulic Midi/Mega/Log Pro or Lifter control
Hydraulic oil heater (Electric and PTO/Electric)
Hydraulic log clamp
Electric joystick

Power source

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

Accessories

Palax Midi/Mega/Log Pro log deck
Palax Log Lifter
Palax Roller cleaning conveyor
Palax Cleaner debris barrel
Palax Puru sawdust aspirator
Hydraulic oil heater
Outfeed conveyor extension 1 m
Palax X-Aim 2.0 available as factory option

Cargo measurements (mm)

Width x depth x height
2850 x 1300 x 2440

Weight (kg)

1220 (PTO)
1320 (Hybrid)

PALAX D-SERIES

Palax D-Series machines are equipped with a chain saw. The chain saw offers a greater cutting diameter compared to machines with circular saw 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 D460
MODEL PRO+

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

The Pro+ model has the convenience of hydraulic joystick control, speed control of the outfeed conveyor and control of the Log Pro, Midi and Mega log tables. The intelligent PowerSpeed splitting automatically detects the required splitting force and speed.

Standard features of the D460 include an additional infeed roller and an oil cooler.

NEW



PALAX D420
MODELS PRO AND ERGO

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

The Palax D420 splits logs fast and cost-efficiently up to 42 cm diameter. The machines´s totally new side-supported robust splitting wedge has been designed to endure big loads at the same time as the new geometry of the spliiting wedges enables splitting of logs with less power than before.

The machine comes with basic cylinder of 9/11 tonnes of splitting power but additional splitting power is available up to 15/18 tonnes.



PALAX D360
MODELS PRO+, PRO AND ERGO

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

The Pro+ and Pro models are best suited for users who appreciate the convenience of hydraulic control.

The Pro+ model also has the speed control of the outfeed conveyor and control of the Midi and Mega log tables as standard. In addition, the Pro+ model features the intelligent and powerful PowerSpeed splitting, which automatically detects the required splitting force and speed, speeding up the work cycle by up to 30%.

The Ergo model is a cost-efficient firewood processor controlled by mechanical levers.





PALAX D460

EFFICIENT LOG SPLITTING, EVEN FASTER THAN BEFORE

SPEED AND FLEXIBILITY FOR LOGS OF VARYING SIZES

The Palax D460 is a firewood processor with a chainsaw which enhances efficiency and flexibility in firewood production. It is an updated version of the popular Palax KS 45s and suitable for logs of varying sizes, cutting them from a diameter of 6 cm up to 46 cm with its 20-inch chainsaw.

The fully-hydraulic joystick control makes operation effortless. The log clamp and dropping plate guide the logs precisely to the splitting wedge, and the automatic splitting ensures uninterrupted production. The intelligent PowerSpeed splitting automatically detects the required splitting force and speed, speeding up the work cycle by up to 30%. Additionally, the upgraded hydraulic system provides the machine with 25% more speed compared to its predecessor, enabling a cycle time of just 3.2 seconds.

Standard features of the D460 include an additional infeed roller, which facilitates the movement of logs from the log deck to the infeed conveyor, and an oil cooler, which ensures reliable hydraulic system performance even in hot conditions.



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



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

20”

22 kW/ 32 A

2/6
Options: 2/0, 2/4, 2/8, 2/10, 2/12, 2/16

25–55 cm

Min. 6 cm
Max. 46 cm

4.3 m

18 t

PowerSpeed

Features
PowerSpeed splitting
Automatic adjustable cutting speed/saw bar pressure
Hydraulic log clamp
Log clamp with hydraulic roller
Adjustable automatic log length stopper
Hydraulic Midi/Mega/Log Pro log deck control
Hydraulic splitting wedge adjustment
Hydraulic joystick control
Automatic saw chain lubrication
Conveyor speed adjustment
Folding and laterally pivotable conveyor
Infeed conveyor 33 x 225 cm
Connection for additional infeed roller/log deck
Hydraulic oil cooler
Dropping plate

Power source
Tractor (PTO)
Hybrid (PTO/Electric motor 22 kW)

Accessories
Palax Midi/Mega/Log Pro log deck
Palax Roller cleaning conveyor
Palax Cleaner debris barrel
Palax Puru sawdust aspirator
Hydraulic infeed roller to extension table
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)



NEW

Available models

PRO ERGO

PALAX® D420

MAKING THE GOOD EVEN BETTER

18” | 11 kW/25 A | 2/6 | 25–60 cm
Options 2/4, 2/8, 2/12

Max. 42 cm | 4,3 m | 9/15 and 11/18 t

POWER OPTIMIZED ACCORDING TO NEEDS AND USE

Over the last five years, almost 500 Palax D410 firewood processors have been sold worldwide. Encouraged by this success, our engineers challenged themselves to develop an even better machine. And we are totally convinced they have succeeded.

The Palax D420 is a compact firewood processor able to split logs up to 42 cm in diameter – easily and cost efficiently. The totally new side-supported splitting wedge has been designed to withstand major forces at the same time as the new geometry of the splitting wedges enables splitting of logs with less power. In contrast to the earlier Palax D-Series models, there is a pressure amplifier available for the new D420 model to optimize the machine’s splitting power.

The machine comes with a basic cylinder of 9 tonnes or 11 tonnes or with additional pressure amplifier up to 15 or 18 tonnes. Retrofitting power is easy and cost efficient and does not make the operation slower. With fully-hydraulic joystick control, the D420 is equally fast from small logs to bigger logs. An auxiliary log infeed roller available for the infeed conveyor makes it possible to further increase the capacity of this state-of-the-art firewood processor.

We are convinced that all firewood producers will appreciate the Palax D420 for its solid reliability with all sizes of logs and modes of operation.



Speed control of the wide outfeed conveyor familiar from the Palax D460 model is achieved with a rotating knob on the machine’s front panel. This guarantees high availability no matter if the firewood is produced for sacks, trailer or stack. The control comes as a standard feature with the Pro model. For the Ergo model, the outfeed conveyor speed control is possible as retrofit and happens in the traditional way behind the outfeed conveyor. A clear view into the splitting chute of the D420 ensures safe and efficient operation.

Thanks to the optimized hydraulics, the machine consumes less power than competing machines of similar size. When using PTO, this results in lower fuel consumption. When powered by an electric motor, electricity consumption is lower, and fuse size requirement is small, making the machine investment even more profitable.

The Palax D420 is a real little giant for firewood production.
A highly cost-efficient basic model combined with technically advanced and easy-to-realize upgrading options make the machine a superior investment among firewood processors.

Palax D420 benefits
Fast and smooth operation
Excellent operating efficiency
Low free circulation loss
Smaller fuse size enables optimized electricity connection and contract
Low maintenance costs
Option to upgrade when needs grow to ensure superior total cost of ownership

Palax D420 common features
Adjustable mechanical log length stopper
Automatic saw chain lubrication
Folding and laterally pivotable outfeed conveyor 4.3 m
Infeed conveyor 20 x 220 cm
Connection for auxiliary infeed roller
Hydraulic oil level and temperature gauge

Ergo model specific features
Manual log clamp with spring
Hydraulic Midi/Mega/Log Pro log deck control an optional accessory
Manual splitting wedge adjustment
Conveyor speed adjustment an optional accessory

Pro model specific features
Hydraulic joystick control
Hydraulic log clamp
Hydraulic Midi/Mega/Log Pro log deck control
Hydraulic splitting wedge height control
Adjustable outfeed conveyor speed from front panel



An auxiliary log infeed roller available as accessory further facilitates log infeed.

Power source
Tractor (PTO)
Electric motor 11 kW
Hybrid (PTO/Electric)

Accessories
Palax Midi/Mega/Log Pro log deck (Ergo model requires extra valve)
Palax Roller firewood cleaner
Palax Cleaner cleaning drum
Palax Puru sawdust aspirator
Hydraulic oil cooler
Hydraulic oil heater
Hydraulic auxiliary roller for log infeed conveyor
Outfeed conveyor hydraulic swing
Splitting wedges 2/4, 2/6, 2/8 and 2/12

Cargo measurements (mm)
Width x depth x height: 3200 x 1280 x 2420

Weight (kg)
1235 (PTO)
1291 (Electric)
1335 (Hybrid)



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 infeed 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 work, this is the one – and it comes in a compact package that is more efficient than ever.

15"

7.5 kW/
Min. 16 A
Recommended 20 A

4,3 m

25–60 cm

Max. 36 cm

6 tn Ergo ja Pro
9 tn Pro+

Features
Adjustable mechanical log length stopper
Automatic saw chain lubrication
Length-adjustable log clamp
Infeed conveyor 20 x 220 cm
Connection for additional infeed roller/log deck
Folding and laterally-pivotable outfeed conveyor

Pro and Pro+ features
Hydraulic log clamp
Hydraulic joystick control
Hydraulic splitting wedge adjustment

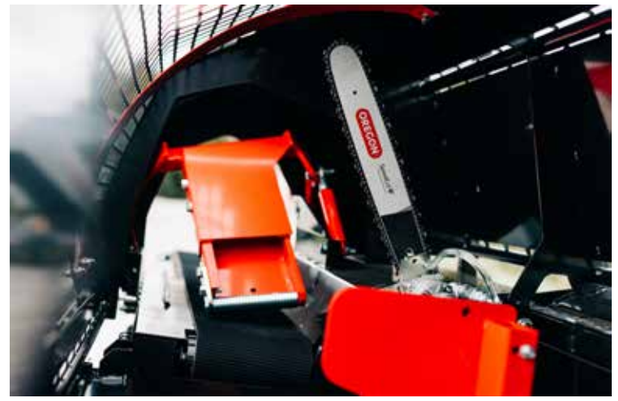
Pro+ feature
PowerSpeed splitting
Hydraulic Midi/Mega/Log Pro log deck control
Conveyor speed adjustment

Power source
Tractor (PTO)
Electric motor 7.5 kW
Hybrid (PTO/Electric)
Combustion Honda kit

Accessories
Palax Midi/Mega/Log Pro log deck
Palax Roller cleaning conveyor
Palax Cleaner debris barrel
Palax Puru sawdust aspirator
Hydraulic oil cooler
Hydraulic oil heater
Outfeed conveyor hydraulic swing (Pro+ model)

Cargo measurements (mm)
Width x depth x height
2850 x 1105 x 2440

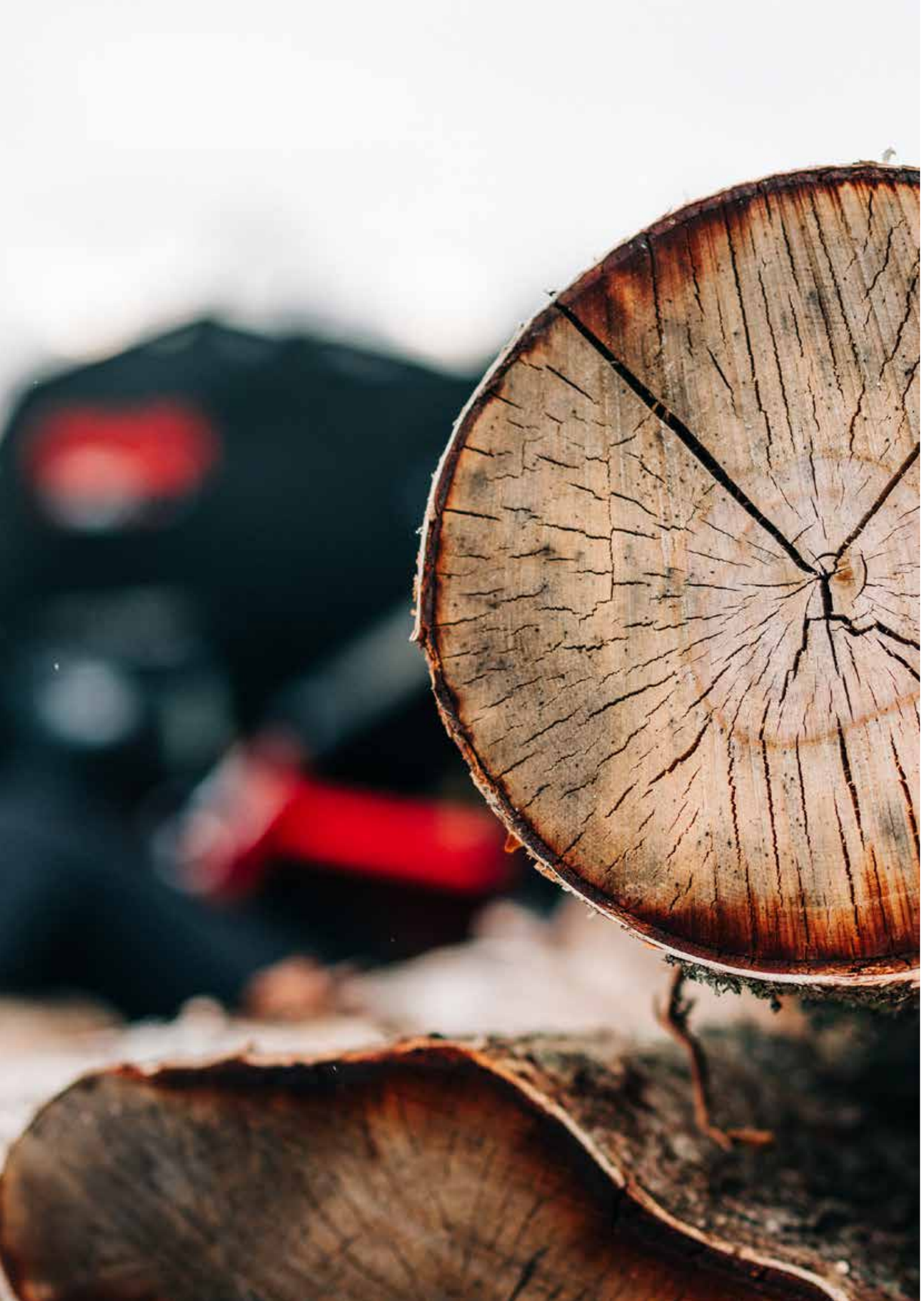
Weight (kg)
800-880 (PTO)
860-970 (Electric)
860-970 (Hybrid)



The length-adjustable log clamp keeps the log securely in place during cutting.



An active safety net guarantees safe use of the machine. A gas spring makes the net light to open when necessary, for example when changing the splitting wedge.



PALAX®

COMPARISON TABLE

		C-Series firewood processors			D-Series firewood processors		
		C1000.2	C900.2	C751	D460	D420	D360
POWER SOURCE	Depending on the model, available optionally either as PTO or electric powered or as a hybrid.						
	Tractor	•	•	•	•	•	•
	Electric motor	A	A	A	A	A	A
	Combustion Honda kit						•
SPLITTING	Splitting power	16 t	10 t	6 t/8 t	18 t	9/15 t, 11/18 t	6 t / 9 t
	PowerSpeed splitting	PRO+	•	•	•	•	PRO+
FEATURES	Patented Palax Optimi system	•	•				
	Hydraulic log length stopper	•	•		•		
	Mechanical log length stopper			•		•	•
	Hydraulic oil cointainer	160 L	120 L	70 L	135 L	70 L	70 L
	Hydraulic oil quantity/thermometer	•	•	•	•	•	
	Hydraulic joystick control	•	•	PRO	•	PRO	PRO, PRO+
	Electric joystick control			SMART			
	Automatic splitting activation	•	•	•	•	•	•
	Manual splitting activation	•	•	•	•	•	•
	Half-stroke splitting			SMART			
	Automatic infeed assist			SMART			
	Automatic rapid motion valve	•	•	PRO, SMART	•	•	•
	Automatic V-belt tensioning	•	•				
	Dropping plate	•			•		
	Hydraulic log clamp	•	•	PRO, SMART	•	PRO	PRO, PRO+
	Hydraulic logging back support	•					
	3/8” infeed roller connection	•	•	•	•	•	•
	1/2” Midi/Mega log deck connections	•	•	PRO, SMART	•	•	PRO (A), PRO+ (standard)
	Adjustable cutting speed	•	•	PRO, SMART			
	Hydraulic outfeed conveyor	•	•	•	•	•	•
	Conveyor swing, 5-steps, manual	•	•	•	•	•	•
	Conveyor speed adjustment	•	•	PRO, SMART	•	ERGO (A) & PRO (STD)	ERGO & PRO (A), PRO+ (standard)
	Hydraulic splitting wedge height adjustment	•	•	PRO, SMART	•	PRO	PRO, PRO+
	Splitting wedge quick release	•	•	•	•	•	•
	Hydraulic infeed conveyor	•	•	•	•	•	•
	Infeed belt reverse	•	•	•	•	•	PRO, PRO+
	Tractor 3-point linkage	A	•	•	•	•	•
ACCESSORIES	X-Aim	FiA	FiA	SMART (FiA)			
	Hydraulic oil cooler	A	A	A	•	A	A
	Hydraulic oil heater	A	A	SM and SM/TR models	A	A	A
	Hydraulic rear infeed roller	A	A		•	A	
	Hydraulic conveyor swing		A	A PRO, SMART	A	A	PRO+
	Sawdust adapter	A	A	A	A	A	A
	Outfeed extension 1 m (only 1 piece per machine)	A	A	A	A		
SPLITTING WEDGES	Splitting wedge 2/0	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	A	A	A	A
	Splitting wedge 2/10	A	A		A		
	Splitting wedge 2/12	A			A	A	

• standard feature A = accessory FiA = factory-installed accessory



PALAX® ACCESSORIES

PALAX® X-AIM

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 to which the splitting wedge will automatically react and split the small trunks 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 miscellanious 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.

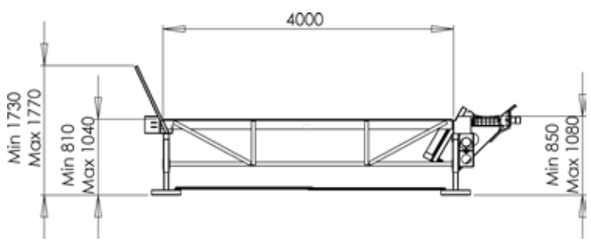


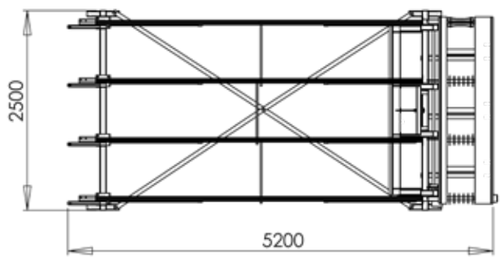
PALAX® MEGA

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

- Breadth 2.5 m
- Chain beams 4 m
- Weight 1079 kg
- Capacity 10-12 m³







PALAX® MIDI

Palax Midi features a hydraulic chain-operated infeed 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, which 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

- 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

A LIGHTWEIGHT LOG RACK TO MAKE YOUR WORK EASIER

It is always an ergonomically better solution to feed the logs into the firewood processor from working height than directly from the ground. At the same time, this significantly increases work efficiency. Palax Deck 2.0 is a lightweight log rack which still has the durability to handle large amounts of wood with its 6-cubic-meter capacity. The inclined structure facilitates the feeding of logs to the firewood processor. The adjustable width of the deck brings flexibility for the feeding of the 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.

- Breadth 1.25–1.85 m
- Length 2.1 m
- Weight 160 kg
- Capacity 6 m^3
- Hydraulic infeed roller available as an accessory





PALAX® LOG PRO

LOG RACK WITH INFEED ROLLER AND HYDRAULIC SEPARATOR

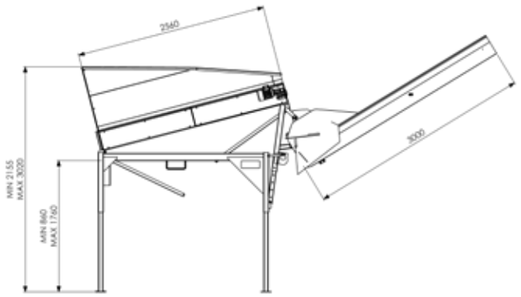
Working with the Palax Log Pro log rack is efficient and light owing to its hydraulic dispenser and two hydraulic infeed rollers.

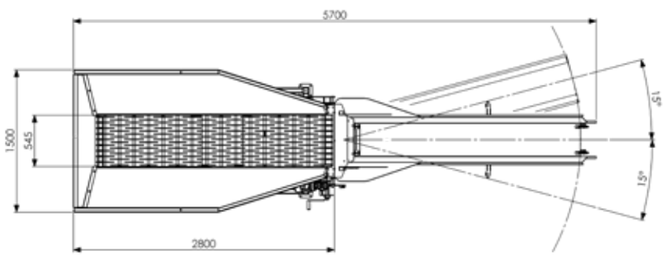
- Breadth 2230
- Length 3270
- Weight 320 kg
- Log length 4 m (max.)
- Height 840-1280 and 1520-1960
- A third pipe with hydraulic infeed roller available as acceessory.



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! It is also possible to 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. The Roller is suited for screening wood up to 40 cm in length.







Palax Roller removes wood debris. Firewood can be easily rescreened with the Roller by using a front loader.



The cleaning rollers effectively shake off debris.

Operation
Roller: gear motor 400 V/0.55 kW
Conveyor: gear motor 400 V/0.55 kW

Screen size
25 mm x 130 mm

Power source
Electric motor
Tractor hydraulics

Accessories
Extension conveyor

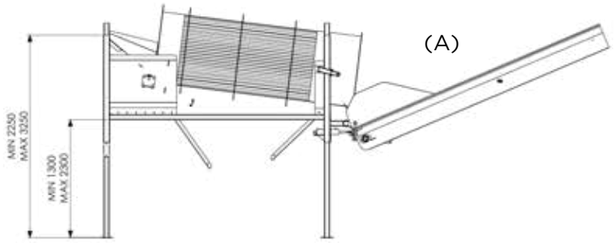
Dimensions
Operating height: 2200–3000 mm
Max. width: 1515 mm
Length: approx. 2800 mm
Length with conveyor: approx. 5700 mm

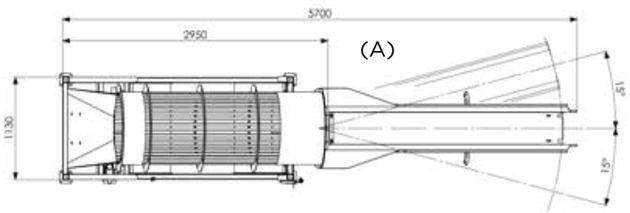
Weight
Weight with conveyor: 1020 kg
Weight without conveyor: 890 kg

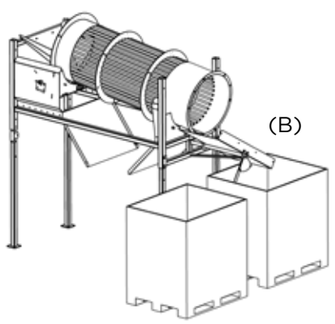


PALAX® CLEANER

The efficient rotating cleaning 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 400 V/0.55 kW
Conveyor: gear motor 400 V/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. 5700 mm

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



OVER 70 YEARS OF LEADERSHIP IN FIREWOOD PROCESSORS

The Palax factory has been producing firewood processors for over 70 years. The products have been developing along the way, and the one-man small business has grown into a group which is today one of the world's leading manufacturers of 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. The first products served the needs of farmers in agriculture and forestry. In 1959, our first firewood processor was introduced.

With the pride of local knowledge, we have already manufactured more than 100,000 Palax firewood processors and accessories for firewood production professionals 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 m^2 (65,000 ft^2) 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



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. 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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