

japa

JAPA[®] 405





Smart efficiency for professionals

Japa® 405 is a new-generation firewood processor for professional use. The operation of the Japa® 405 model is controlled by a smart system that assists the user. The machine is equipped with sensors that measure and control its operation in real time. The processor optimises its own performance, based on wood type, which makes Japa® 405 particularly well suited for all log sizes. In addition to this, the processor has a data connection, which allows connecting to the factory, for example, in the case of updates.

Japa® 405 splits all sizes of logs efficiently, as it contains **two splitting methods as standard features:** the PerfectSplit™ method for a grade splitting and the heavy-duty hydraulic knife.

All the key functions of the processor can be performed by one hand with a joystick. The joystick controls feeding, sawing, splitting and the guide plate. The new logistics also enable semi-automatic operation. For example, the processor detects the right number of splits automatically when using the Perfect Split™ blade.



Easy to maintain, reliable to operate

The fully new design makes Japa® 405 exceptionally safe and easy to maintain. Active safety grills for ease of use and improved visibility inside the machine. We paid attention to maintainability by making the key components easily available.

The new pusher design facilitates the splitting of different log sizes. The re-designed blade is also easier to clean and adjust.

We added a hydraulic log press to this model for improved comfort and reliability, particularly in the sawing of the last log. The log press also saves the chain and the flange by placing the log at the optimal angle at the start of sawing. Japa® 405 also has a hydraulic log length limiter that ensures evenly cut logs and minimises the wear of the feed conveyor.

Other important new features of the Japa® 405 model include the guide plate and the hydraulic lubrication pump. A range of splitting blades is available as accessories.



 **perfectsplit**

 **perfectclean**

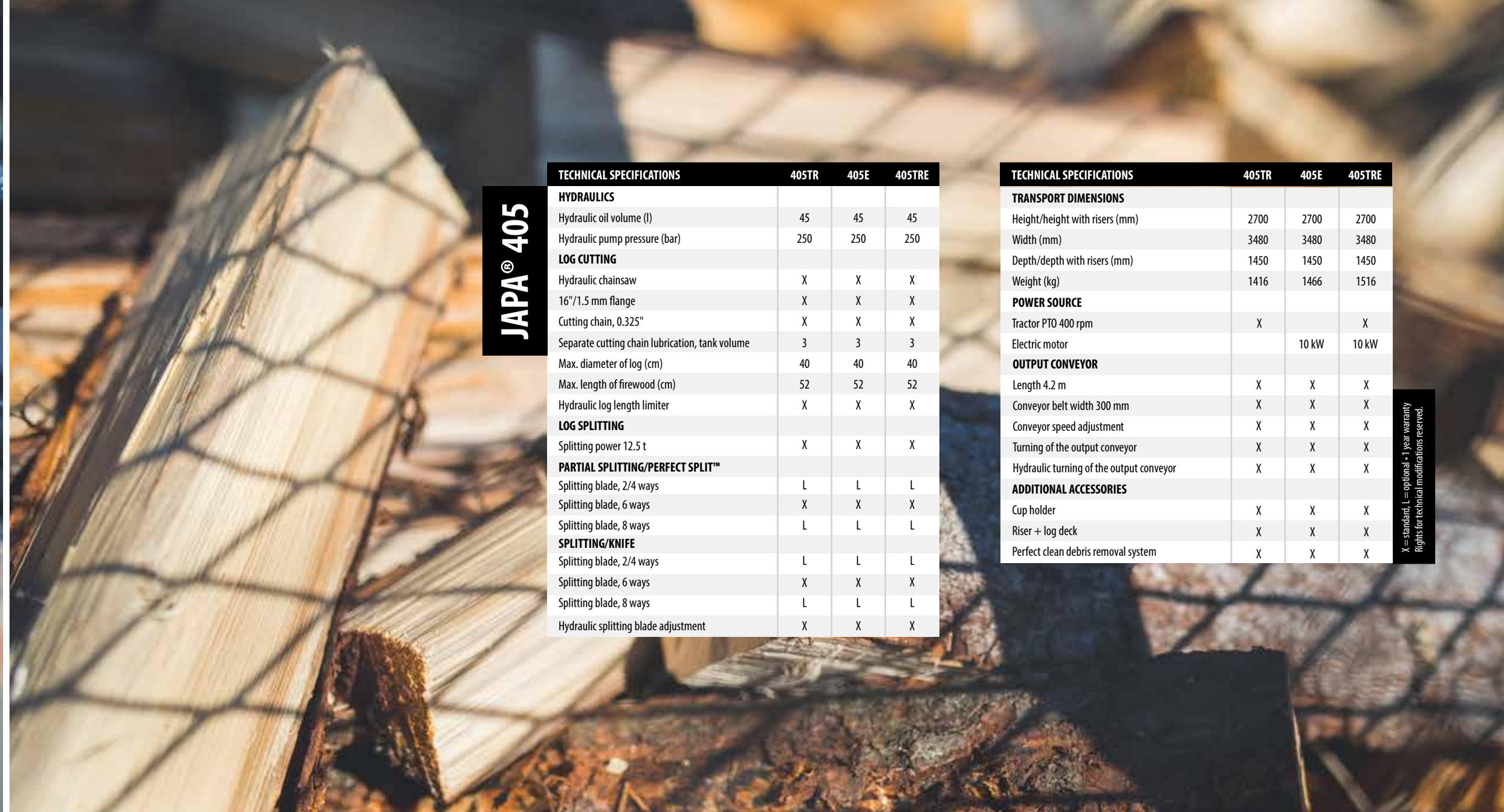
Perfect Split™ revolutionises splitting

Perfect Split™ is a patented splitting method developed by Japa's innovative product development team. Thanks to the new splitting blade and method, the firewood consistently meets A grade size requirements, even with varying raw material sizes.

The new splitting blade ensures that the Japa® 405 processor is always fast, efficient and easy to use, regardless of the hardness and diameter of the wood being processed. The size of the end product can be affected with different knife alternatives.

Perfect Clean™ for efficient dust removal

The Japa® 405 model is equipped with the Perfect Clean™ cleaning system as a standard feature. The patented system clears processed firewood of dust and debris by means of vibrations. The Perfect Clean™ cleaning system is installed behind the splitting section, and a separate conveyor is used to move the debris away.



JAPA® 405

TECHNICAL SPECIFICATIONS	405TR	405E	405TRE
HYDRAULICS			
Hydraulic oil volume (l)	45	45	45
Hydraulic pump pressure (bar)	250	250	250
LOG CUTTING			
Hydraulic chainsaw	X	X	X
16"/1.5 mm flange	X	X	X
Cutting chain, 0.325"	X	X	X
Separate cutting chain lubrication, tank volume	3	3	3
Max. diameter of log (cm)	40	40	40
Max. length of firewood (cm)	52	52	52
Hydraulic log length limiter	X	X	X
LOG SPLITTING			
Splitting power 12.5 t	X	X	X
PARTIAL SPLITTING/PERFECT SPLIT™			
Splitting blade, 2/4 ways	L	L	L
Splitting blade, 6 ways	X	X	X
Splitting blade, 8 ways	L	L	L
SPLITTING/KNIFE			
Splitting blade, 2/4 ways	L	L	L
Splitting blade, 6 ways	X	X	X
Splitting blade, 8 ways	L	L	L
Hydraulic splitting blade adjustment	X	X	X

TECHNICAL SPECIFICATIONS	405TR	405E	405TRE
TRANSPORT DIMENSIONS			
Height/height with risers (mm)	2700	2700	2700
Width (mm)	3480	3480	3480
Depth/depth with risers (mm)	1450	1450	1450
Weight (kg)	1416	1466	1516
POWER SOURCE			
Tractor PTO 400 rpm	X		X
Electric motor		10 kW	10 kW
OUTPUT CONVEYOR			
Length 4.2 m	X	X	X
Conveyor belt width 300 mm	X	X	X
Conveyor speed adjustment	X	X	X
Turning of the output conveyor	X	X	X
Hydraulic turning of the output conveyor	X	X	X
ADDITIONAL ACCESSORIES			
Cup holder	X	X	X
Riser + log deck	X	X	X
Perfect clean debris removal system	X	X	X

X = standard, L = optional, • 1 year warranty
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QUALITY FROM THE NORTH

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