



**JAPA<sup>®</sup> 435**





## A professional machine bursting with innovation

Japa® 435 is a firewood processor for professionals that boasts a new patented splitting knife, a patented cleaning mechanism and a fully revamped design. It is suited for soft and hard wood of all sizes. Japa® 435 produces clean firewood of consistent quality safely and effortlessly.

The hydraulic chainsaw with a 20-inch bar enables the input of logs with a thickness of up to 43 cm. Japa® 435 is available with a 15 kW electric motor, tractor power take-off or a combination of the two.

The operation of the Japa® 435 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 firewood processor can automatically optimise its functions according to the wood being processed. A wide range of accessories is available for the processor, including a touch screen that presents the user with performance data and other analytics regarding the machine.



## Perfect Split™ revolutionises splitting

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

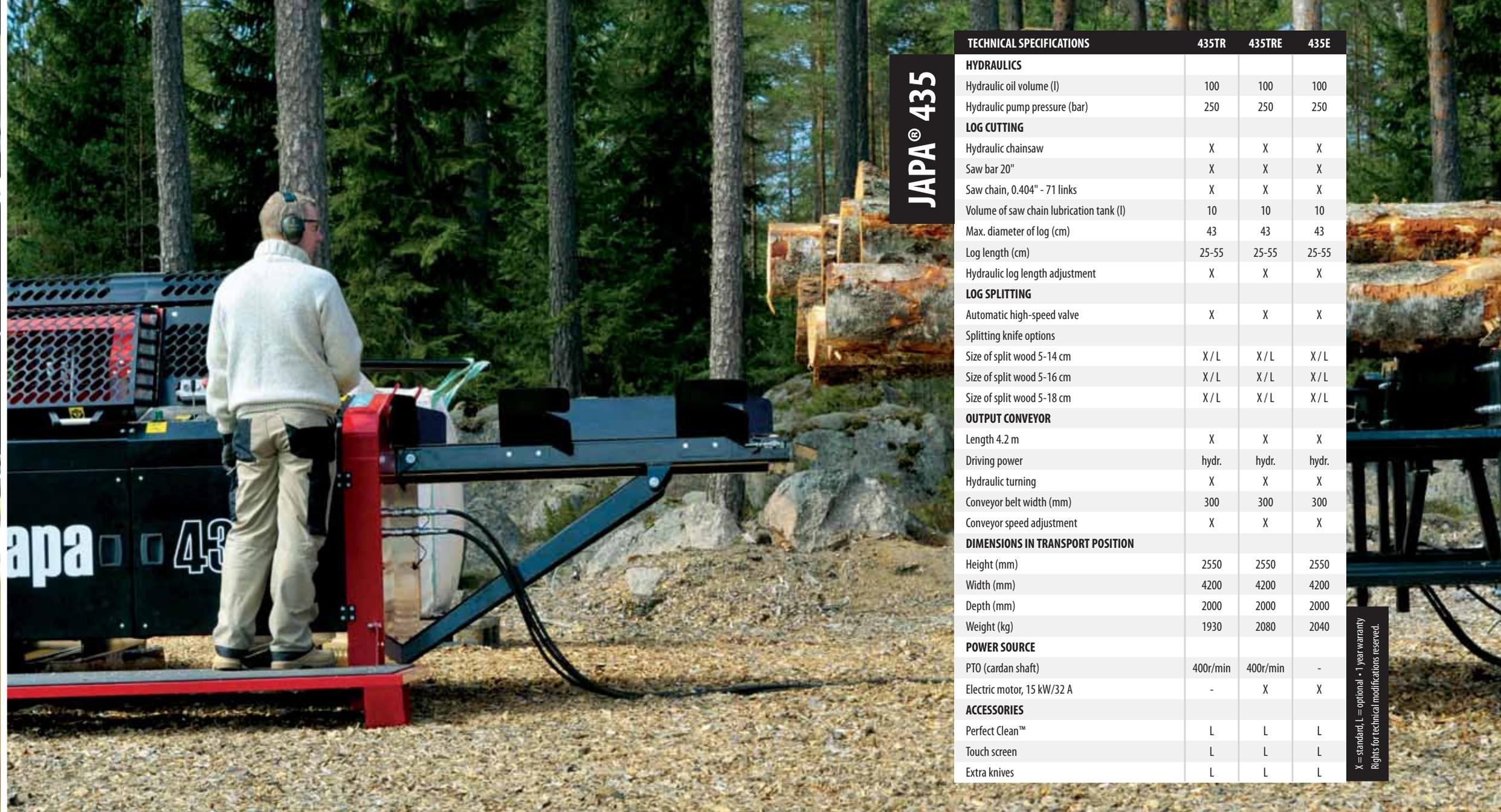
The new splitting knife ensures that the Japa® 435 processor is always fast, efficient and easy to use, regardless of the hardness and diameter of the wood being processed. The size of the end product can be affected with different knife alternatives. You can also select the desired knife size when buying the machine.



## Perfect Clean™ removes debris efficiently

The Japa® 435 model features the new patented Perfect Clean™ cleaning system that clears processed firewood of dust and debris by means of vibration. The Perfect Clean™ cleaning system is installed behind the splitting section, and a separate conveyor is used to move the debris away.

Perfect Clean™ was developed to meet the growing need of end customers to produce clean and debris-free firewood. Thanks to Perfect Clean it is now easier and more effortless than ever before to meet this need. The patented Perfect Clean™ cleaning system is available as an accessory.



**JAPA® 435**

TECHNICAL SPECIFICATIONS	435TR	435TRE	435E
<b>HYDRAULICS</b>			
Hydraulic oil volume (l)	100	100	100
Hydraulic pump pressure (bar)	250	250	250
<b>LOG CUTTING</b>			
Hydraulic chainsaw	X	X	X
Saw bar 20"	X	X	X
Saw chain, 0.404" - 71 links	X	X	X
Volume of saw chain lubrication tank (l)	10	10	10
Max. diameter of log (cm)	43	43	43
Log length (cm)	25-55	25-55	25-55
Hydraulic log length adjustment	X	X	X
<b>LOG SPLITTING</b>			
Automatic high-speed valve	X	X	X
Splitting knife options			
Size of split wood 5-14 cm	X / L	X / L	X / L
Size of split wood 5-16 cm	X / L	X / L	X / L
Size of split wood 5-18 cm	X / L	X / L	X / L
<b>OUTPUT CONVEYOR</b>			
Length 4.2 m	X	X	X
Driving power	hydr.	hydr.	hydr.
Hydraulic turning	X	X	X
Conveyor belt width (mm)	300	300	300
Conveyor speed adjustment	X	X	X
<b>DIMENSIONS IN TRANSPORT POSITION</b>			
Height (mm)	2550	2550	2550
Width (mm)	4200	4200	4200
Depth (mm)	2000	2000	2000
Weight (kg)	1930	2080	2040
<b>POWER SOURCE</b>			
PTO (cardan shaft)	400r/min	400r/min	-
Electric motor, 15 kW/32 A	-	X	X
<b>ACCESSORIES</b>			
Perfect Clean™	L	L	L
Touch screen	L	L	L
Extra knives	L	L	L

X = standard, L = optional - 1 year warranty  
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PROFESSIONAL IN FIREWOOD PROCESSORS

[www.japa.fi](http://www.japa.fi)

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