

PALAX POWER 100S (P.T.O. DRIVEN

HYDRAULICS

Splitting cylinder 16,000 kg / 35,300 lbs	Separate hydraulics
Hydraulic oil ISO VGA 32 (VGA 46 for hot conditions): 160 l / 42.3 G	
Extra hydraulic circuit for log-lifting deck	Fully hydraulic control of the machine
Work + return motion: Full force 16,000 kg / 35,300 lbs at 4.8 seconds	
Work + return motion: High speed 4,800 kg / 10,500 lbs at 3.2 seconds	
Flow of hydraulic pump at 500 r.p.m.	Automatic high-speed valve
Oil cooler 12V DC as option	
Electric oil heater 300 W, 220 V AC, for temperature below -15°C / 5°F	

TRANSMISSION AND CONTROL

Control levers with ball bearings	Angular gear of cast iron
Disengagement clutch of transmission, powered by tractor	
Automatic tightening of the V-belts	

CUTTING AND SPLITTING

Hard-metal blade 1,000 mm / 39.3 in	
Automatic adjustable log-stop	Hydraulic log clamp
Splitting wedge 2/6-way as standard	2/4-way, 2/8-way and 12-ways as an option
Hydraulic height adjustment of splitting wedge with quick-release	
Multi-phase debris removal	

IN-FEED CONVEYOR

In-feed conveyor, belt 330 mm x 2,500 mm or 13 in x 98.4 in	
Hydraulic log-stop	Quick couplings for external feed conveyor
Automatic cleaning of drive and return wheels	

DISCHARGE CONVEYOR 350 mm x 4300 mm / 13.8 in x 169.3 in, SCRAPER 2 in HD POLYETHYLENE

Hydraulically-driven scraper conveyor with two chains	
Lifting winch for conveyor	Folding and swinging conveyor

MAX. SIZE OF TREE

Max. diameter of the log: 40 cm / 15.7"	
Cutting length of the log: 25 to 55 cm / 9.8 to 21.6"	

DIMENSIONS AND WEIGHT IN TRANSPORT POSITION

Length: 3,200 mm / 16.4 ft	Width: 1,750 mm / 5.75 ft
Height: 2,530 mm / 8.3 ft	Weight: 1,780 kg / 3,925 lbs

OTHER OPTIONAL EXTRAS

Transport platform, towed by tractor, tyre size 10.5/75 - 15.3	
Articulated shaft, e.g. Bondoli 105	Log-lifting deck

CE AND GS APPROVED

Approximate values for all specifications.