

PT-600: Power, Performance, Productivity!



PT-600, the new top of the range model in the PrimeTech family of tracked Prime Movers is here: with maximum power and productivity, ease of handling and agility of movement, to deal effectively and safely even with super-duty applications.

The heart of the PT-600 is a Cummins QSX15 turbocharged in line 6 cylinder diesel engine producing 600 hp.

The hydraulic system has been specifically designed together with Bosch Rexroth, while great attention has been given to efficient intelligent cooling solutions that use absolutely zero unnecessary horsepower.

To optimise weight distribution there are two different types of track options to choose from: the STD (Standard) version with 26"/660 mm track pads and a ground pressure of 7.1 psi (0,50 kg/cm²), and the LGP (Low Ground Pressure) version

with 34"/850 mm track pads and the extremely low ground pressure of 5.7 psi (0,40 kg/cm²).

Thanks to its PrimeTech DNA the PT-600 also inherits great attachment flexibility, allowing a choice of two different types

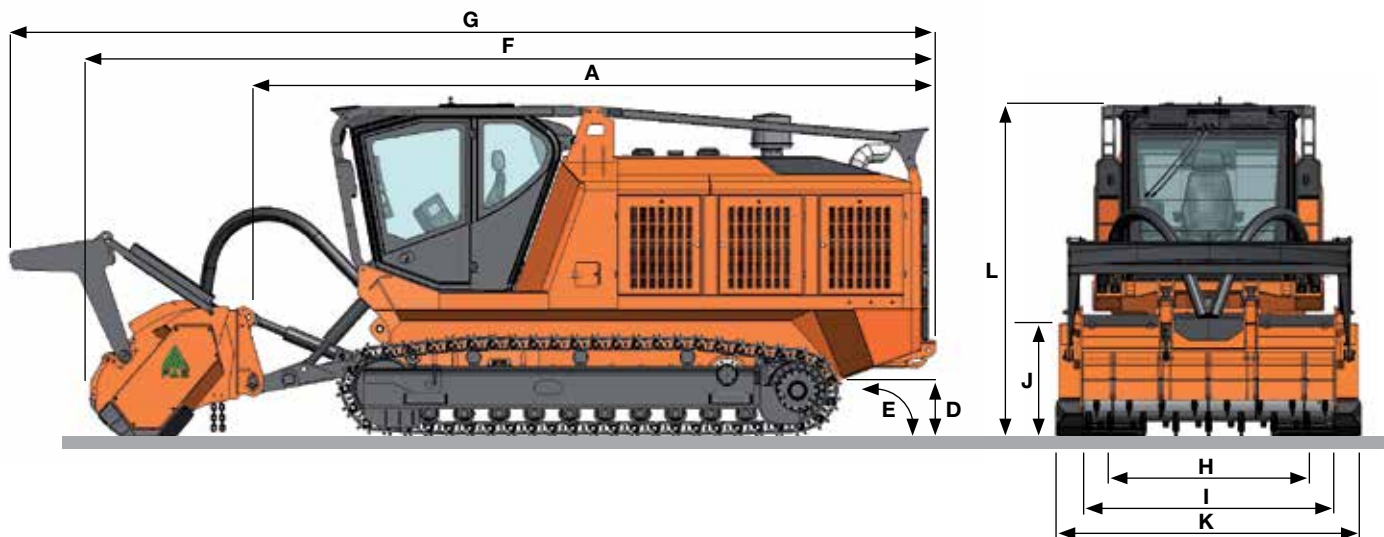
which can be easily changed according to the type of application required:

- FAE 500/U forestry mulching head, available in two working widths and with various types of teeth for land clearing and site preparation operations;
- FAE 500/S forestry tiller, working to depths of up to 50 cm (for removal of stumps and roots and land conversion).

The easy maintenance, comfort and ergonomic design complete the PT-600's exceptional technical characteristics, making it a truly irreplaceable tool: come and discover the new Prime Mover concept!



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> DIMENSIONS

A Overall length without mulcher	244 in	6200 mm
D Ground clearance	26 in	650 mm
E Hitch angle	32°	
F Overall length with mulcher on ground	303 in	7700 mm
G Transport length with mulcher on ground	319 in	8100 mm
L Max height	124 in	3150 mm
L1 Cab height	124 in	3140 mm

VERSION	STD	LGP
Track width	26 in 660 mm	34 in 850 mm
H Track gauge	77 in 1950 mm	77 in 1950 mm
I Overall track width	103 in 2610 mm	110 in 2800 mm
FAE ATTACHMENT	500/U-225	500/U-275
K Overall width	110 in 2790 mm	129 in 3270 mm
K1 Working width	91 in 2320 mm	110 in 2800 mm

> MAIN KEYS

• Max forward speed	4,0 mph	6,5 km/h
• Max reverse speed	4,0 mph	6,5 km/h
• Drawbar pull	86560 lb	38500 daN
• Gradeability	100%	
• Tracks control	Bosch Rexroth Electronic Joystick	
• Service hydraulic circuit control	Bosch Rexroth Electronic Joystick	

• Parking brake	automatic
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VERSION	STD	LGP
• Track width	26 in 660 mm	34 in 850 mm
• Operating weight	60600 lbs 27500 kg	62800 lbs 28500 kg
• Ground pressure	7.1 psi 0,50 kg/cm ²	5.7 psi 0,40 kg/cm ²

> DIESEL ENGINE

• Model	CUMMINS QSX15
• Gross power	600 HP (447 KW) @ 2100 rpm
• Max power	610 HP (455 KW) @ 1900 rpm
• Displacement	915 in ³ 15 l

• N° of cylinders	6
• Torque max	1875 lb-ft 2542 Nm
• Fuel rate from	20 gal/h 75 l/h
• Emission	Euromot 3/Tier 3, Stage 3A

> HYDROSTATIC TRACKS TRANSMISSION

• Pumps	BOSCH REXROTH	90 cc
• Motors	BOSCH REXROTH	160 cc
• Max pressure	5800 psi	400 bar
• Oil flow	111 gal/min	420 l/min
• Hydraulic emergency stop		

> HYDROSTATIC MULCHER TRANSMISSION

• Pumps	BOSCH REXROTH	180 cc
• Motors	BOSCH REXROTH	200 cc
• Work pressure	4640 psi	320 bar
• Oil flow	203 gal/min	770 l/min

> REFILLING

• Hydraulic oil tank	132 gal	500 l
• Fuel tank	225 gal	850 l

> UNDERCARRIAGE AND TRACKS

• Undercarriage	D7, oscillating
• Track shoes single grouser type:	26 in 660 mm
• Track shoes double grouser type:	34 in 850 mm

> FAE ATTACHMENT 500/U

MODEL	500/U-225	500/U-250	500/U-275	MODEL	500/U-225	500/U-250	500/U-275
• Rotor diameter	28 in 700 mm	28 in 700 mm	28 in 700 mm	• Quantity of cutting teeth tungsten carbide type "A"	88 + 2	96 + 2	104 + 2
• Overall width	110 in 2790 mm	119 in 3030 mm	129 in 3270 mm	• Quantity of cutting teeth tungsten carbide type "C/3"	54 + 2	60 + 2	68 + 2
• Working width	91 in 2320 mm	101 in 2560 mm	110 in 2800 mm	• Rotor rpm	1500 - 1730		
• Min. weight	10472 lbs 4750 kg	10714 lbs 4860 kg	11023 lbs 5000 kg	• Hydraulic motor type (2)	SAUER DANFOSS 250 cc		
• Max. working depth	6 in 150 mm	6 in 150 mm	6 in 150 mm				
• Grinding diameter (max)	24 in 600 mm	24 in 600 mm	24 in 600 mm				

> FAE ATTACHMENT 500/S

MODEL	500/S-225	500/S-250	MODEL	500/S-225	500/S-250
• Rotor diameter	37 in 940 mm	37 in 940 mm	• Quantity of cutting teeth tungsten carbide type "B/3"	104 + 8	128 + 8
• Overall width	116 in 2950 mm	126 in 3190 mm	• Rotor rpm	310	
• Working width	91 in 2320 mm	101 in 2560 mm	• Hydraulic motor type (2)	SAUER DANFOSS 250 cc	
• Weight	13140 lbs 5960 kg	13889 lbs 6300 kg			
• Max. working depth	20 in 500 mm	20 in 500 mm			
• Grinding diameter (max)	24 in 600 mm	24 in 600 mm			



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