

PT-200 by PrimeTech: known for its power and agility



Imagine having a new prime mover for agricultural, building and forestry applications that allows you to work on any type of terrain in any weather; imagine driving it in total comfort; imagine at last a more dynamic and productive way of working PT-200 by PrimeTech is just what you want!

Power and functionality merge in this innovative vehicle, designed for forestry applications such as land clearing, forest maintenance and land preparation for, by way of example, fire breaks, forestry roads and terrain where pipelines and electrical cables will be laid.

> POWER AND PRODUCTIVITY

PT-200 gives excellent performance due to a series of strong points.

- A John Deere 6068 HF485, 6.8 L (410 in³) turbocharged and aftercooled engine, with 6 in-line cylinders and 180 HP, that is fuel efficient and complies with Euromot 3 and EPA Tier 3 emissions standards.
- Its powerful hydraulic system, with Sauer Danfoss pumps and motors for track and front attachment drives, has numerous advantages over mechanical systems, such as bigger lifting range for the front attachment and fewer vibrations, resulting in less strain and wear on the machine and its components. These advantages mean greater work flexibility and increased productivity.
- The front attachments, made by FAE for PT-200, provide high quality operation and reliability. There are two widths available, according to needs and specific working conditions: overall widths of 1.75 m (69 in) or 2.35 m (93 in); working widths of 1.40 m (55 in) or 2.00 m (79 in).
- The efficient and functional design of PT-200 and the organized arrangement of its components make all parts easily accessible. As a result, routine maintenance operations are easily carried out without wasting time.

> CONTROL AND LIGHTNESS

Unlike other prime movers with similar dimensions, PT-200 can work well even on difficult terrain, due to its Berco oscillating undercarriage which adapts perfectly to uneven surfaces. According to customers' needs, the track can be fitted with two types of shoes with two different widths: 510 mm (20 in) (single grouser) or 700 mm (28 in) (single grouser). Both widths guarantee excellent vehicle stability and low ground pressure ranging from 0.34 kg/cm² (4.90 psi) for the narrower track, to 0.25 kg/cm² (3.60 psi), allowing PT-200 to work well even in swampy places where other machines would not be able to go.

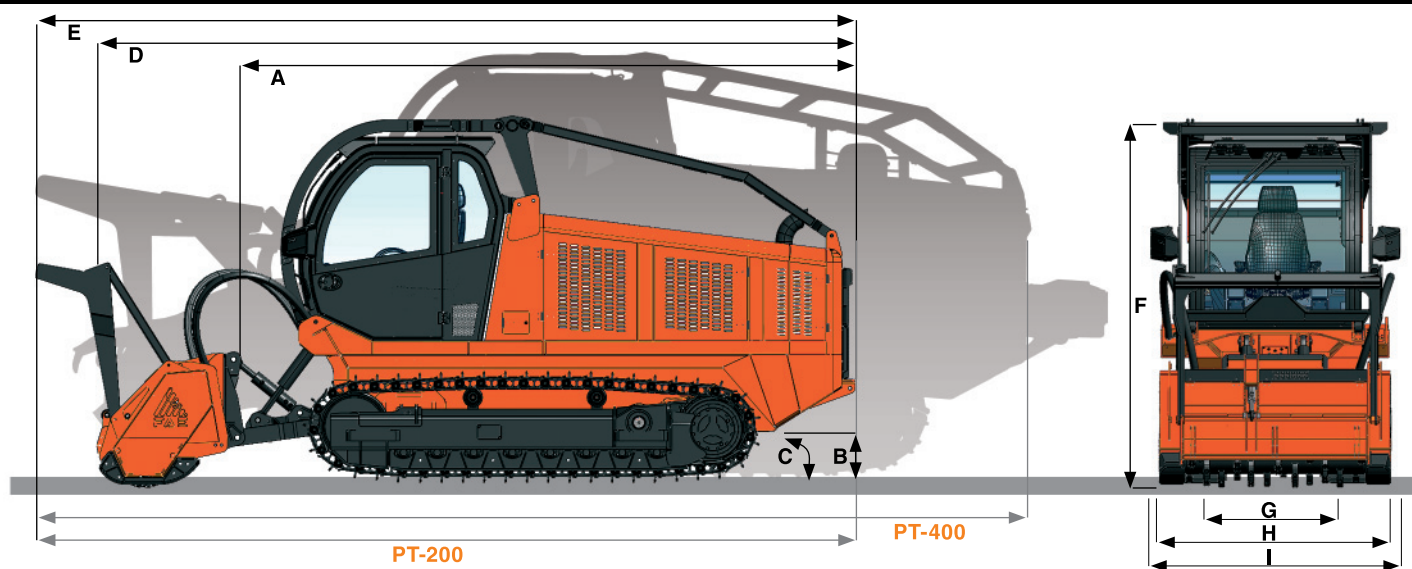
> COMFORT AND INNOVATIVE DESIGN MADE IN ITALY

Smart appearance together with innovative solutions and careful attention to details are evident in the spacious cab with wide visibility and built to ROPS/FOPS standards, the easily viewed instrument panel, and easy to reach ergonomically arranged controls.

Productivity, great performance, reliability, and comfort; in addition to low maintenance costs, high efficiency, and reduced ground pressure: these are the reasons for choosing PT-200.



PT-200: Technical specifications



> DIMENSIONS

A Overall length without mulcher	183 in	4639 mm	TRACK WIDTH	20 in	510 mm	28 in	700 mm
B Ground clearance	16 in	400 mm	G Track gauge	49 in	1250 mm	56 in	1430 mm
C Hitch angle	35°		H Overall track width	69 in	1750 mm	84 in	2130 mm
D Overall length with mulcher on ground	224 in	5692 mm	FAE ATTACHMENT	200/U-140		200/U-200	
E Transport length with mulcher on ground	242 in	6152 mm	I Overall width	69 in	1750 mm	93 in	2350 mm
F Max height	108 in	2751 mm	I1 Working width	55 in	1400 mm	79 in	2000 mm
F1 Cab height	102 in	2595 mm					

> MAIN KEYS

• Max forward speed	5 mph	8 km/h	• Service hydraulic circuit control	Sauer Danfoss Electric Joystick			
• Max reverse speed	5 mph	8 km/h	• Parking brake	Automatic			
• Drawbar pull	37350 lb	16950 daN	TRACK WIDTH	20 in	510 mm	28 in	700 mm
• Gradeability	100%		• Operating weight	22900 lb	10400 kg	24000 lb	10900 kg
• Tracks control	Sauer Danfoss Electric Joystick		• Ground pressure	4.90 psi	0,34 kg/cm ²	3.60 psi	0,25 kg/cm ²

> DIESEL ENGINE

• Model	John Deere 6068HF485	• N° of cylinders	6		
• Gross Power	180 HP	134 KW	• Torque max	618 lb-ft	838 Nm
• Rating	2000 rpm		• Fuel rate from	5 gal/h	19 l/h
• Displacement	410 in ³	6,8 l	• Emission	Euromot 3/Tier 3, Stage 3A	

> HYDROSTATIC TRACKS TRANSMISSION

• Pump	Sauer Danfoss	
• Displacement	75 cm ³	
• Motors	Sauer Danfoss	
• Displacement	80 cm ³	
• Max pressure	6000 psi	420 bar
• Oil flow	103 gal/min	390 l/min
• Hydraulic Emergency stop		

> REFILLING

• Hydraulic oil tank	87 gal	330 l
• Fuel tank	93 gal	350 l

> HYDROSTATIC MULCHER TRANSMISSION

• Pump	Sauer Danfoss	
• Displacement	130 cm ³	
• Motors	Sauer Danfoss	
• Displacement	160 cm ³	
• Work pressure	5000 psi	350 bar
• Oil flow	69 gal/min	260 l/min

> UNDERCARRIAGE AND TRACKS

• Track chain	Berco	
• Track shoes	single grouser type: 20 in	510 mm
	single grouser type: 28 in	700 mm

> FAE ATTACHMENT 200/U

MODEL	200/U-140		200/U-200		MODEL	200/U-140		200/U-200	
• Rotor diameter	20 in	500 mm	20 in	500 mm	• Quantity of cutting teeth tungsten carbide type "C"	30+2		42+2	
• Overall width	69 in	1750 mm	93 in	2350 mm	• Quantity of cutting teeth tungsten carbide type "VIPER"	32		44	
• Working width	55 in	1400 mm	79 in	2000 mm	• Rotor rpm	1900			
• Weight with options	3889 lbs	1750 kg	4889 lbs	2200 kg	• Hydraulic motor type	Sauer Danfoss 160 cm ³			
• Max. working depth	3 in	80 mm	3 in	80 mm					
• Grinding diameter (max)	12 in	300 mm	12 in	300mm					



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