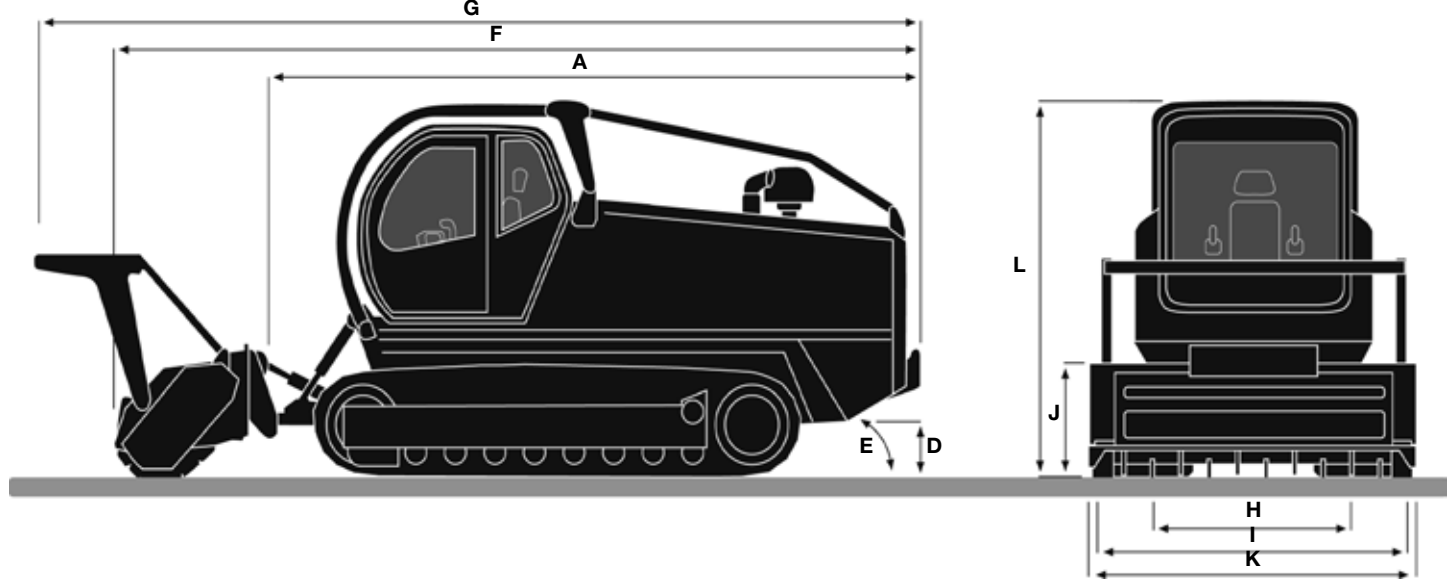


PT-400: Dimensions



> SIDE

A Overall length without mulcher	215 in	5450 mm
D Ground clearance	20 in	500 mm
E Hitch angle	30°	
F Overall length with mulcher on ground	265 in	6750 mm
G Transport length with mulcher on ground	291 in	7400 mm

• Operating weight (with 300/U)	47150 lb	21400 kg
• Gross Power	415 CV	287 KW
• Ground pressure	4.95 psi	0,35 kg/cm ²

> FRONT

H Track gauge	71 in	1800 mm
I Overall track width (shoes width 800 mm)	102 in	2600 mm
J Height of track	39 in	986 mm
K Overall width (with 300/U)	108 in	2734 mm
K1 Working width (with 300/U)	91 in	2304 mm
L Max height	123 in	3120 mm
L1 Cab height	116 in	2950 mm

PT-400: FAE Attachments

> 300/U

MODEL	300/U-225	300/U-250
• Rotor diameter	24 in 600 mm	24 in 600 mm
• Overall width	108 in 2734 mm	117 in 2974 mm
• Working width	91 in 2304 mm	100 in 2544 mm
• Weight with options	6812 lbs 3090 kg	7033 lbs 3190 kg
• Max. working depth	4 in 100 mm	4 in 100 mm
• Grinding diameter (max)	16 in 400 mm	16 in 400 mm

MODEL	300/U-225	300/U-250
• Quantity of cutting teeth tungsten carbide type "B/3"	80+2	92+2
• Quantity of cutting teeth tungsten carbide type "C/3"	50+2	56+2
• Rotor rpm	1550-1700	
• Hydraulic motor type	Danfoss 160 cc	

> 500/U

MODEL	500/U-225	500/U-250
• Rotor diameter	28 in 700 mm	28 in 700 mm
• Overall width	110 in 2805 mm	120 in 3045 mm
• Working width	91 in 2320 mm	100 in 2560 mm
• Weight with options	8488 lbs 3850 kg	8929 lbs 4050 kg
• Max. working depth	6 in 150 mm	6 in 150 mm
• Grinding diameter (max)	20 in 500 mm	20 in 500 mm

MODEL	500/U-225	500/U-250
• Quantity of cutting teeth tungsten carbide type "A/3"	88+2	96+2
• Quantity of cutting teeth tungsten carbide type "C/3"	54+2	60+2
• Rotor rpm	1250-1500	
• Hydraulic motor type	Bosch-Rexroth 200 cc	

> 300/S

MODEL	300/S-225	300/S-250
• Rotor diameter	28 in 700 mm	28 in 700 mm
• Overall width	105 in 2666 mm	114 in 2906 mm
• Working width	91 in 2320 mm	100 in 2560 mm
• Weight with options	7822 lbs 3520 kg	8378 lbs 3770 kg
• Max. working depth	16 in 400 mm	16 in 400 mm

MODEL	300/S-225	300/S-250
• Grinding diameter	20 in 500 mm	20 in 500 mm
• Quantity of cutting teeth tungsten carbide type "A/3"	88+4	102+4
• Rotor rpm	370-500	
• Hydraulic motor type	Danfoss 250 cc	

> 500/RC

MODEL	500/RC-225	500/RC-250
• Rotor diameter	28 in 700 mm	28 in 700 mm
• Overall width	108 in 2750 mm	118 in 2990 mm
• Working width	91 in 2320 mm	100 in 2560 mm
• Weight with options	9780 lbs 4400 kg	10440 lbs 4700 kg
• Max. working depth	10 in 250 mm	10 in 250 mm
• Grinding diameter (max)	20 in 500 mm	20 in 500 mm

MODEL	500/RC-225	500/RC-250
• Quantity of cutting teeth tungsten carbide type "STC/3"	58+4	66+4
• Rotor rpm	650-700	
• Hydraulic motor type	Danfoss 250 cc	



PT-400: Technical specifications

> MAIN KEYS

• Max forward speed	4.6 mph	7,5 km/h	• Ground pressure	4.95 psi	0,35 kg/cm ²
• Max reverse speed	4.6 mph	7,5 km/h	• Gradeability	100%	
• Gears	5		• Tracks control	Danfoss Electric Joystick	
• Drawbar pull	61800 lb	27500 daN	• Service hydraulic circuit control	Danfoss Electric Joystick	
• Operating weight (with 300/U)	47150 lb	21400 kg	• Parking brake	Automatic	

> DIESEL ENGINE

• Model	Caterpillar C13 Acert		• Torque max @ 1400 rpm	1398 lb-ft	1896 Nm
• Gross Power	415 HP	310 KW	• Fuel rate from	14.5 gal/h	55 l/h
• Rating	2100 rpm	2100 rpm	• Emission	Tier 3/Stage IIIA	
• Displacement	763 in ³	12,5 l			

> HYDROSTATIC TRACKS TRANSMISSION

• Pump	Danfoss	
• Displacement	75 cc	
• Motors	Danfoss	
• Displacement	110 cc	
• Max pressure	6000 psi	420 bar
• Oil flow	83 gal/min	314 l/min
• Hydraulic Emergency stop		

> HYDROSTATIC MULCHER TRANSMISSION

• Pump	Danfoss	
• Displacement	250 cc	
• Motors (with 300/U)	Danfoss	
• Displacement	160 cc	
• Work pressure	5400 psi	380 bar
• Oil flow	142 gal/min	540 l/min

> SERVICE HYDRAULIC CIRCUIT

• Pump	Danfoss		• Max pressure	3000 psi	210 bar
• Displacement	44 cc		• Oil flow	24 gal/min	90 l/min

> REFILLING

• Hydraulic oil tank	121 gal	460 l
• Fuel tank	145 gal	550 l

> UNDERCARRIAGE AND TRACKS

• Track chain	D5 HD - Oscillating	
• Track shoes - double grouser type	32 in	800 mm

> ELECTRICAL SYSTEM

• Electrical system	24 V with 95-amp alternator		• Master electrical disconnect switch	
• Battery	200 Ah-1400 A			

> ELECTRONIC SYSTEM AND DISPLAY

• Software	TSD		• LCD display visualizing:	Work parameters
• ECM	Danfoss			Transmission warnings
• Emergency stop				Engine warnings
• Electronic components' temperature range	-40°F	-40°C		Service data logger
	+185°F	+85°C		Rear view camera
• Display LCD	6,5"			Autodiagnostic codes

> CABIN

• ROPS-FOPS-OPS approved		• Lighter	
• Cab noise (in work phase)	78 dB(A)	• Sun protection curtain	
• Emergency cab exit		• Compressed air socket	
• Lexan-Margard front, side and rear windows		• Fire extinguisher system	
• Front working lights	4	• Fire extinguisher in cab	
• Rear working lights	4	• Air conditioning	
• Ergonomic working position		• Heating	
• Heated seat with pneumatic suspension and head rest		• Front wiper	
• Safety belt		• Radio with CD/MP3 player	
• Power outlet	12 volt	• Side mirrors	
• Power outlet	24 volt	• Rollbar	

Specifications and design are subject to change without prior notice by FAE Group. Pictures may contain optional accessories. The information in this catalogue is considered non-binding.

