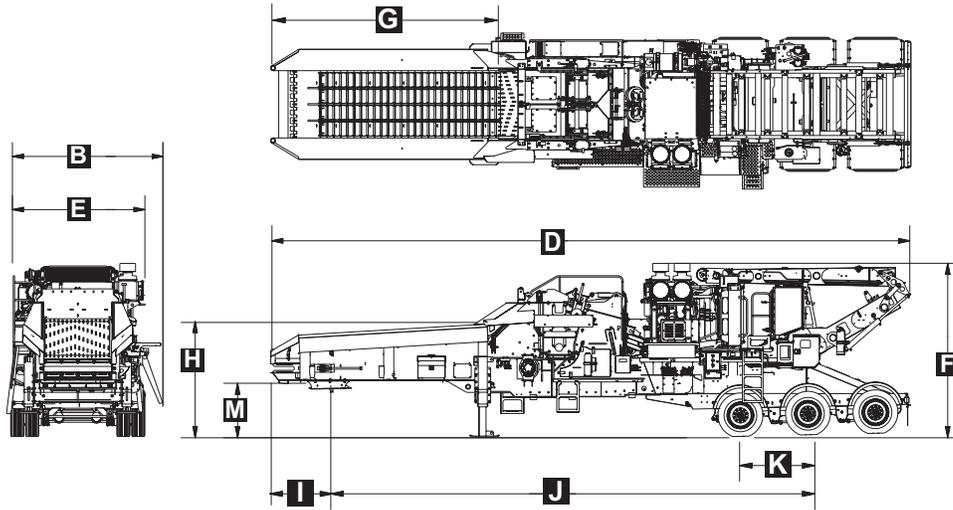


4700D

Peterson Horizontal Grinder



DIMENSIONS

A Operating Length	60' 5" (1842 cm)
B Operating Width	11' 11" (372 cm)
C Operating Height	17' 3" (526 cm)
D Travel Length	47' 5" (1446 cm)
E Travel Width	9' 11" (301 cm)
F Travel Height	12' 11" (394 cm)
G Hopper Length	14' 2" (432 cm)
H Hopper Height	7' 4" (222 cm)
I Front to 5th Wheel	4' 6" (137 cm)
J 5th Wheel to Center Axle	35' 3" (1074 cm)
K Axle Spacing	5' 0" (152 cm)
L 5th Wheel Clearance Radius	7' 7" (231 cm)
M 5th Wheel Height	4' 0" (123 cm)

WEIGHT

Machine Weight	79,000 lbs (35 834 kg)
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POWERTRAIN

Engine	Caterpillar C18 Tier IV, 755 hp (563 kW)
	<i>export only</i> Caterpillar C18 Tier II, 765 hp (570 kW)
Clutch	PT Tech HPTO 15
Fuel Tank Capacity	300 US gal (1136 L)
Main Hydraulic Tank Capacity	90 US gal (341 L)

SUSPENSION & TOWING

Stabilizers	2 hydraulic
Tires	295/75R22.5

SYSTEM CONTROLS

Peterson Adaptive Control System
Radio Remote
Peterson+ Analytics



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Specifications vary based on optional equipment and machine configuration and are subject to change without notice. Measurements are rounded to the nearest whole increment.

FEED SYSTEM

Hopper Capacity	7.8 yd ³ (6 m ³)
Feed Chain	4 sections, full hopper width
Feed Conveyor Width	5' (152 cm)
Feed Opening (width x height)	60" x 38" (152 x 97 cm)
Land Clearing Mode	60" x 53" (152 x 135 cm)
Compression Roll diameter (tip to tip)	33.5" (85 cm)

ROTOR

Rotor Shaft Size	5.9" (150 mm) @ bearing, 7.5" (190 mm) @ center
Rotor Speed	1050 fpm (320 mpm) @ 2100 rpm (engine)
Rotor Width	64" (161 cm)
Rotor Diameter	38" (96.5 cm)
Bit Size (width x height)	2.75" x 5" (70 x 127 mm)
Number of Bits	22 drum rotor, 20 pinned rotor

GRATES

Number of Grate Sections	4
Total Grate Area	4023 in ² (25955 cm ²)
Grate Coverage	187°
Grate Thickness	1" (25 mm) or 1.25" (32 mm)

DISCHARGE SYSTEM

Discharge Conveyor Width	54" (137 cm)
Discharge Height	17' 10" (544 cm)
Conveyor Speed	500, 600, 700 ft/min (152, 183, 213 mpm)

PRODUCTION* PER HOUR

Engine	Greenwaste	Scrap Board
C18	360 yd ³ (275 m ³)	425 yd ³ (325 m ³)
	95 US tons (86 tonnes)	65 US tons (59 tonnes)

*Actual output may vary due to moisture content, material density and size, support equipment, and grate size. Production rates are based on operating 50 minutes per hour.

OPTIONAL EQUIPMENT

Air Compressor	R+ Package
Magnetic Pulley	Magnetic Cross Belt Conveyor
Feed Tailgate	LED Work Lights
Cold Weather Kit	CE Certification



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