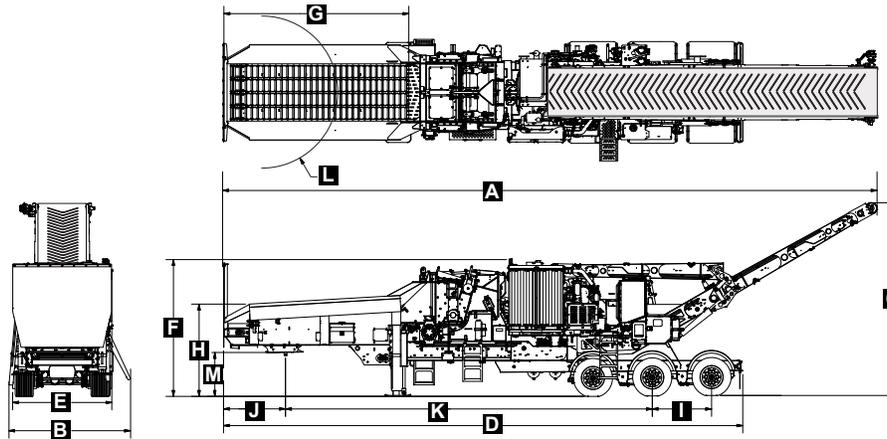


2700D

Peterson Horizontal Grinder



DIMENSIONS

A Operating Length	55' 1" (1679 cm)
B Operating Width	10' 3" (312 cm)
C Operating Height	16' 3" (526 cm)
D Travel Length	43' 9" (1334 cm)
E Travel Width	8' 4" (254 cm)
F Travel Height	11' 7" (353 cm)
G Hopper Length	15' 7" (475 cm)
H Hopper Height	7' 9" (236 cm)
I Axle Spacing	5' 0" (152 cm)
J Front to 5th Wheel	5' 3" (160 cm)
K 5th Wheel to Center Axle	30' 11" (942 cm)
L 5th Wheel Clearance Radius	5' 4" (163 cm)
M 5th Wheel Height	3' 8" (112 cm)

WEIGHTS

Machine Weight	62,000 lbs (28 123 kg)
Tri-Axle Weight	35,820 lbs (16 248 kg)

POWERTRAIN

Engine	Caterpillar C15 Tier IV, 580 hp (433 kW)
	Caterpillar C18 Tier IV, 755 hp (563 kW)
<i>export only</i>	Caterpillar C15 Tier III, 580 hp (433 kW)
<i>export only</i>	Caterpillar C18 Tier II, 765 hp (570 kW)
Clutch	PT Tech HPTO
Fuel Tank Capacity	285 US gal (1079 L)
Main Hydraulic Tank Capacity	90 US gal (340 L)

SUSPENSION & TOWING

Stabilizers	2 hydraulic
Tires	295/75R22.5 or 445/50R22.5

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	6.5 yd ³ (5 m ³)
Feed Chain	4 sections, full hopper width
Feed Conveyor Width	4' 10" (147 cm)
Feed Opening (width x height)	60" x 32" (153 x 81 cm)
Land Clearing Mode	60" x 44" (153 x 112 cm)
Compression Roll diameter (tip to tip)	28" (71 cm)

ROTOR

Rotor Speed	10,000 fpm (3050 mpm) @ 2100 rpm (engine)
Drum Rotor Shaft Size	5" (130 mm) @ bearing, 5.75" (146 mm) @ center
Rotor Width	60" (152 cm)
Rotor Diameter	32" (81 cm)
Bit Size (width x height)	2.75" x 5" (70 x 127 mm)
Number of Bits	20 drum rotor, 18 pinned rotor, 30 ASG Rotor

GRATES

Number of Grate Sections	4
Total Grate Area	21 ft ² (1.95 m ²)
Grate Coverage	180°
Grate Thickness	1" (25 mm)

DISCHARGE SYSTEM

Discharge Conveyor Width	48" (122 cm)
Discharge Conveyor Height	15' 2" (462 cm)
Conveyor Speed	500, 600, or 700 fpm (152, 183, or 213 mpm)

PRODUCTION* PER HOUR

Engine	Greenwaste	Scrap Board
C15	264 yd ³ (201 m ³)	323 yd ³ (247 m ³)
	77 tons (70 tonnes)	55 tons (50 tonnes)
C18	300 yd ³ (229 m ³)	368 yd ³ (281 m ³)
	87.5 tons (79 tonnes)	62.6 tons (57 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

Feed Chain Return Pan	Crossbelt Magnet
Feed Tailgate	Scrap Metal Collection Box
Grate Hangers	Cold Weather Kit
Magnetic Head Pulley	LED Work Lights



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