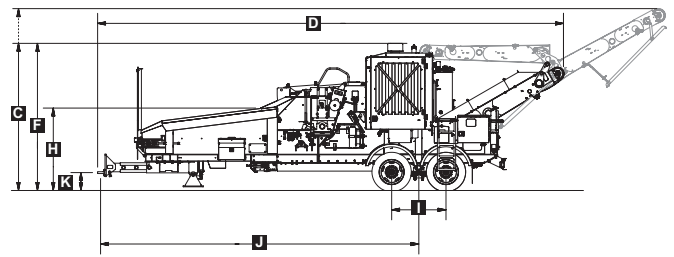
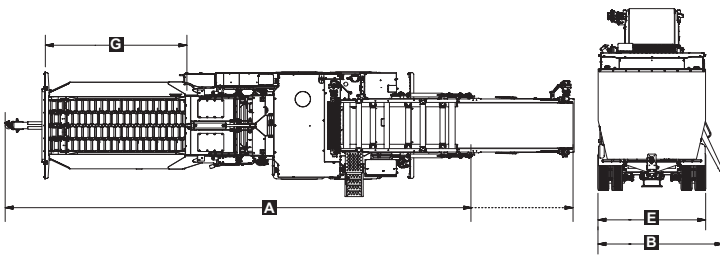


1700D

Peterson Horizontal Grinder



DIMENSIONS

	Folding Conveyor	Compact Conveyor
A Operating Length*	44' 1" (1344 cm)	36' 3" (1104 cm)
B Operating Width		9' 6" (296 cm)
C Operating Height	14' 7" (445 cm)	11' 10" (361 cm)
D Travel Length*		36' 3" (1104 cm) maximum
E Travel Width		8' 4" (255 cm)
F Travel Height		11' 10" (361 cm)
G Hopper Length		11' 0" (335 cm)
H Hopper Height		6' 10" (208 cm)
I Axle Spacing		4' 3" (129 cm)
J Hitch to Center Axle*		24' 8" (753 cm)
K Pintle Hitch Height	adjustable increments, 22" to 35" (56 to 89 cm)	

*Measurements are for fully extended towing tongue but can be minimized by 28 inches (71 cm) with tongue adjustments.

ESTIMATED WEIGHTS

Machine Weight	41,000 lbs (18 597 kg)
Tandem Axle Weight	32,000 lbs (14 515 kg)

POWERTRAIN

Engine	Caterpillar C9.3B Tier IV, 455 hp (EU Stage V, 339 kW)
export only	Caterpillar C9.3B Tier III, 415 hp (309 kW)
Clutch	PT Tech SCT 2500
Fuel Tank Capacity	146 US gal (553 L)
Main Hydraulic Tank Capacity	72 US gal (272 L)
DEF Tank Capacity (Tier IV Only)	17 US gal (65 L)

SUSPENSION & TOWING

Suspension Type	walking beam
Stabilizers	1 hydraulic
Tires	255/70R22.5
Hitch Type	3" pintle
Tongue	adjustable, 28" (71 cm) variance

SYSTEM CONTROLS

Peterson Adaptive Control System, Radio Remote, Peterson+ Analytics

FEED SYSTEM

Hopper Capacity	3.2 yd ³ (2.5 m ³)
Feed Chain	4 sections, full hopper width
Feed Conveyor Width	4' 6" (137 cm)
Feed Opening (width x height)	54" x 27" (137 x 69 cm)
Land Clearing Mode	54" x 41.5" (137 x 105 cm)
Compression Roll diameter (tip to tip)	24" (61 cm)

ROTOR

Rotor Speed	10,000 fpm (3050 mpm) @ 2200 rpm (engine)
Drum Rotor Shaft Size	4.33" (110 mm) @ bearing, 4.75" (120 mm) @ center
Rotor Width	55.5" (141 cm)
Rotor Diameter	26.5" (67 cm)
Bit Size (width x height)	2.5" x 4.5" (63 x 114 mm)
Number of Bits	22 drum rotor, 18 pinned rotor

GRATES

Number of Grate Sections	3
Total Grate Area	15.6 ft ² (1.5 m ²)
Grate Coverage	174°
Grate Thickness	3/4" (19 mm)

DISCHARGE SYSTEM

Discharge Conveyor Width	3' 6" (107 cm)
Compact Discharge Conveyor Height	9' 2" (279 cm)
Folding Discharge Conveyor Height	13' 6" (411 cm)
Conveyor Speed	500 or 600 fpm (152 or 183 mpm)

PRODUCTION* PER HOUR

Engine	Greenwaste	Scrap Board
C9.3B	140 yd ³ (107 m ³)	185 yd ³ (141 m ³)
	39 US tons (35 tonnes)	30 tons (27 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

Liquid Injection System	LED Work Lights
Feed Tailgate	CE Certification
Magnetic Head Pulley	Dust Control
Crossbelt Magnet	Yard Drive
Cold Weather Kit	Export Kit
Flat Feed Deck	



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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.



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