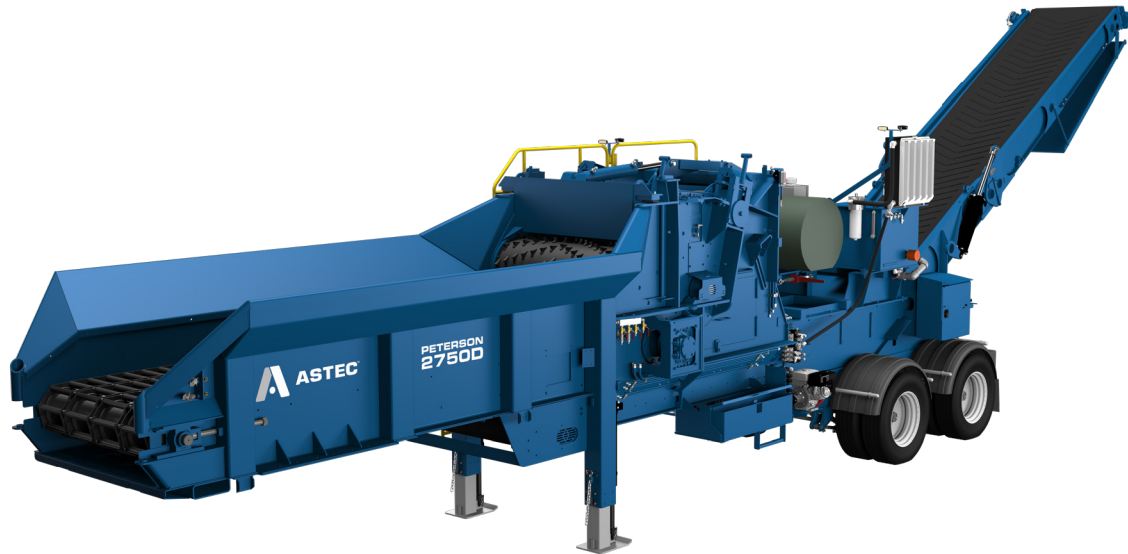


2750D

Peterson Horizontal Grinder



Powertrain

- Electric power:
 - USA: 460 V, 60 Hz, three-phase electric
 - Europe: 400 V, 50 Hz, three-phase electric
 - Canada: 575 VAC converted to 460 VAC via auto transformer
- 600 hp (450 kW) crusher-duty rotor drive motor
- High-efficiency 100 hp (75 kW) auxiliary motor for hydraulic functions
- Hydraulic tank capacity: 100 gallon (379 L)

Suspension & Towing

- Two hydraulic stabilizers
- Tires: 295/75R22.5

System Controls

- Adaptive control system
- Radio remote

Feed System

- Hopper capacity: 8.5 yd³ (6.5 m³)
- Feed chain: four sections, full hopper width
- Feed conveyor: width 4 ft 10 in (147 cm)
- Feed opening: 60 x 32 in (153 x 81 cm)
- Land clearing mode: 60 x 44 in (153 x 112 cm)
- Compression roll diameter: (tip to tip) 28 in (71 cm)

Rotor

- Rotor speed: 10,000 fpm (3,036 mpm) @ 1,800 rpm (motor)
- Rotor shaft size: 4.44 in (113 mm) @ bearing, 5.75 in (146 mm) @ center
- Rotor width: 59.75 in (152 cm)
- Rotor diameter: 32 in (81 cm)
- Bit size: 2.75 x 5 in (70 x 127 mm)
- Number of bits: 20 drum rotor, 18 pinned rotor, 30 ASG rotor

Grates

- Four grate sections
- Total grate area: 3,024 in² (19,509 cm²)
- Grate coverage: 180°
- Grate thickness: 1 in (25 mm)

Discharge System

- Discharge conveyor width: 48 in (122 cm)
- Discharge conveyor height: 16 ft 9 in (511 cm)
- Conveyor speed: 500, 600, or 700 fpm (152, 183, or 213 mpm)

Production (per hour)

- Motor: 600hp
- Greenwaste: 264 yd³ (201 m³), 77 tons (70 metric tons)
- Scrap board: 323 yd³ (247 m³), 55 tons (50 metric tons)

**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

- Crossbelt magnet
- Metal collection box
- Feed tailgate
- Flat feed deck
- LED work lights

Physical & Operating Characteristics

Dimension	Imperial	Metric
A Operating Length	52' 6"	16 m
B Operating Height	16' 9"	511 cm
C Operating/Travel Width	9' 1"	277 cm
D Travel Length	39' 11"	1,217 cm
E Travel Height	11' 6"	191 cm
F Hopper Length	15' 7"	475 cm
G Hopper Height	6' 3"	272 cm
H Front to 5th Wheel	5' 11"	180 cm
I 5th Wheel to Center Axle	26' 7"	810 cm
J Axle Spacing	2' 6"	76 cm
K 5th Wheel Clearance Radius	6'	183 cm
L 5th Wheel Height	3' 8"	124 cm
Machine Weight	54,000 lb	24,500 kg
Tandem Weight	33,000 lb	14,970 kg

