

5710E

Horizontal Grinder



Optional Tow Dolly

Powertrain

- Engine:
 - Caterpillar C27 Tier IV 1,050 hp (783 kW)
 - Caterpillar C32 Tier IV, 1,125 hp (839 kW) optional
 - Caterpillar C27 Tier II, 1,050 hp (783 kW) export only
 - Caterpillar C32 Tier II 1,125 hp (839 kW) export only
- Clutch PT Tech HPTO 15FX
- Fuel tank capacity: 340 gallons (1,287 L)
- Main hydraulic tank capacity: 98 gallons (371 L)

Tracks

- Track type and width triple grouser, 23.5 in (60 cm)
- Travel speed: 1.2/2.3 mph (1.9/3.7 kph)
- Ground pressure: 12.63 lb/in² (.89 kg/cm²)

Feed System

- Hopper capacity: 7.0 yd³ (5.39 m³)
- Hopper width: 60 in (152 cm)
- Hopper length: 14 ft 3 in (433 cm)
- Feed chain: four sections, full hopper width
- Feed opening: 60 x 40 in (152 x 102 cm)
- Land clearing mode: 60 x 55 in (152 x 140 cm)
- Compression roll diameter (tip to tip): 36 in (91.4 cm)

Rotor

- Rotor shaft size: 7.4 in (187 cm)
- Rotor speed: 840 rpm @ 2,100 engine rpm
- Rotor width: 64 in (161 cm)
- Rotor diameter: 42.5 in (107.95 cm)
- Bit size: 3 x 6.5 in (7.6 cm x 16.5 cm)
- Number of bits: 22
- Rotor design: drum rotor

Grates

- Four grate sections
- Total grate area: 4,515 in² (29,128 cm²)
- Grate coverage: 194°
- Grate thickness: 1.25 in (32 mm)

Discharge System

- Discharge conveyor width: 60 in (152 cm)
- Conveyor speed: 500, 600, or 700 ft/min (152, 183, or 213 m/min)

System Controls

- Peterson adaptive control system
- Radio remote

Production*

- Engine: C27
- Green waste: 501 yd³ (383 m³), 138 US tons (125 metric tons) per hour
- Scrap board: 591 yd³ (452 m³), 90 tons (82 tonnes) per hour

*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

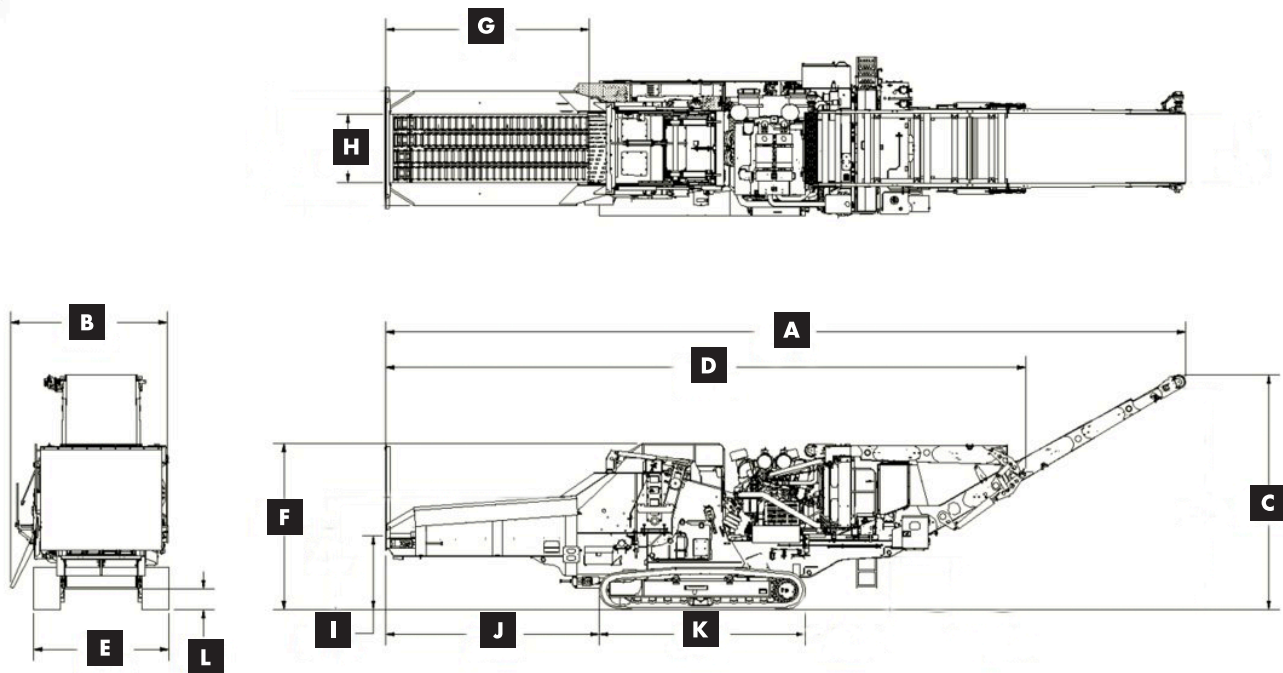
- Magnetic pulley
- Feed chain return pan
- Crossbelt magnet
- Tow dolly

Physical & Operating Characteristics - 5710E

Dimension	Imperial	Metric
A Operating Length	58' 1 3/4"	18 m
B Operating Width	11' 4 3/4"	348 cm
C Operating Height	17' 1/2'	520 cm
D Travel Length	46' 6 1/4"	1,418 cm
E Travel Width	9' 9 3/4"	299 cm
F Travel Height	12' 1/2"	367 cm
G Hopper Length	14' 9 3/4"	452 cm
H Feed Conveyor Width	5'	152 cm
I Hopper Height	5' 5"	165 cm
J Front to Track Length	15' 6 1/4"	473 cm
K Track Length	14' 11 3/4"	457 cm
L Ground Clearance	1' 6"	46 cm
Machine Weight	88,805 lb	40,281 kg
with Tow Dolly	100,200 lb	45,450 kg

Physical & Operating Characteristics - Optional Tow Dolly

Dimension	Imperial	Metric
A Length	16' 5 9/16"	501.81 cm
B Width	8' 6"	259.08 cm
C Front to First Axle	3' 9 1/16"	23.02 cm
D Axle Spacing	5'	152.4 cm
E Ride Height Range - Minimum	6 15/16"	17.60 cm
- Maximum	1' 7 11/16"	50.10 cm
- Transport	1' 2 3/4"	37.5 cm
F Height Range - Minimum	5' 3 1/2"	161.33 cm
- Maximum	6' 9 1/4"	206.43 cm
- Transport	6' 4 5/16"	193.83 cm



Optional Tow Dolly

