3710E
Horizontal Grinder





Optional Tow Dolly

Powertrain
- Engine:
  - Caterpillar C18 Tier IV 772hp (576 kW)
  - Caterpillar C18 Tier II 765 hp (570 kW) (export only)
- Clutch PT Tech
- Fuel Tank Capacity: 310 gallons (1,174 L)
- Main hydraulic tank capacity: 98 gallons (371 L)

Tracks
- Track width & ground pressure:
  - 109.84 in (2.79m), 11.03 lb/in² (.78 kg/cm²)
  - 100.39 in (2.55m), 13.14 lb/in² (.92 kg/cm²) (optional)

Track type: Triple grouser
- Travel speed
  - Low speed: .83 mph [1.34 kph]
  - High Speed: 1.67 mph [2.68 kph]

Feed System
- Hopper Capacity: 6.37 yd³ (4.87 m³)
- Hopper width: 58 in (147 cm)
- Hopper length: 14 ft-3 in (433 cm)
- Feed chain: four sections, full hopper width
- Feed opening: 57.25 x 55 in (145.4 x 140 cm)
- Compression roll Diameter (tip to tip): 36 in (91.4 cm)

Rotor
- Rotor shaft size: 7.5 in [19 cm]
- Rotor speed: 782 rpm @ 2,050 engine rpm
- Rotor width: 57.25 in [145.4 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: 20
- Rotor design: drum rotor

Grates
- Four grate sections
- Total grate area: 4,070 in² [26,258 cm²]
- Grate coverage: 194°
- Grate thickness: 1 in [2.54 cm]

Discharge System
- Discharge conveyor width: 48 in [122 cm]
- Conveyor speed: 500, 600, 700 ft/min [152, 183, 213 m/min]

System Controls
- Peterson adaptive control system
- Radio remote

Production*
- Engine: C18 Tier IV
- Green waste: 365 cubic yards 100/US Tons [279 cubic meters /95 metric tons] per hour
- Scrap board: 430 cubic yards/ 77 US Tons [328 cubic meters/57 metric tons] 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.*

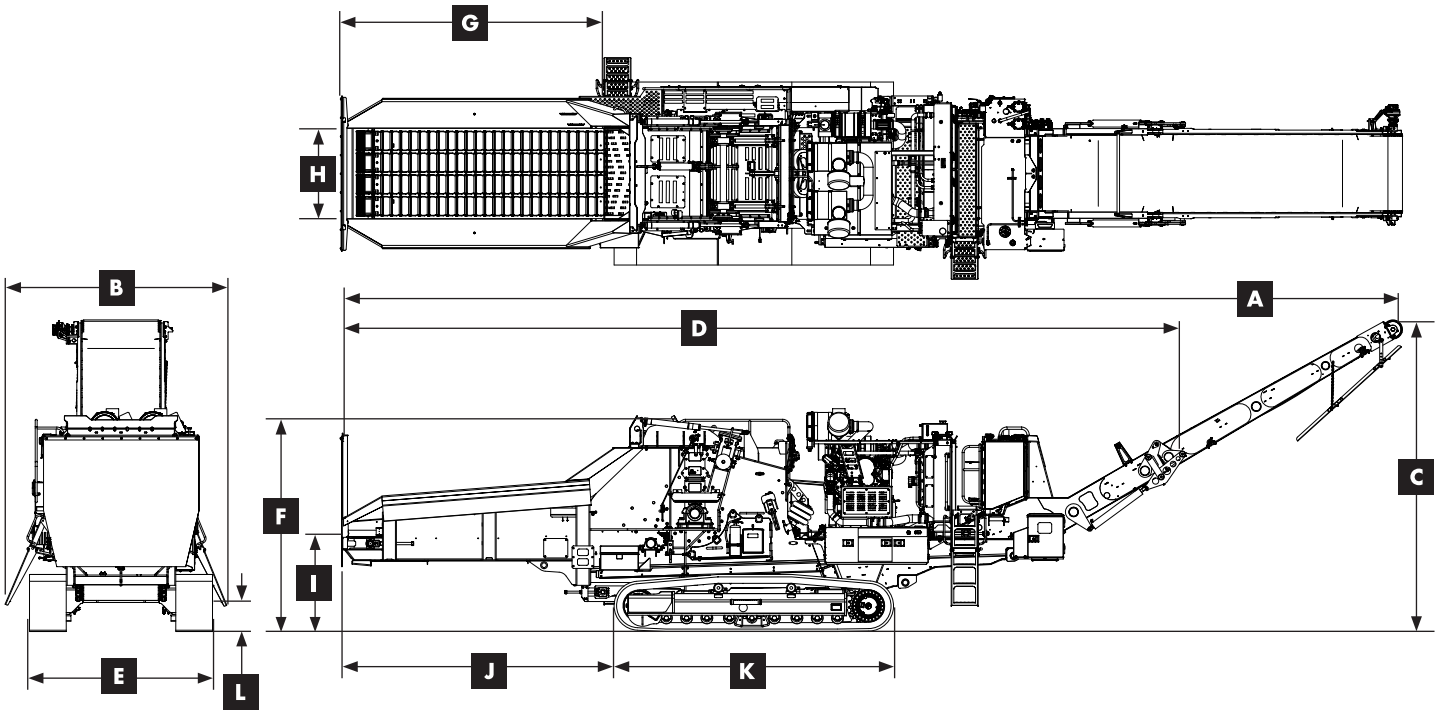
Optional Equipment
- Magnetic pulley
- Feed chain return pan
- Crossbelt magnet
- Tow dolly

Physical & Operating Characteristics - 3710E

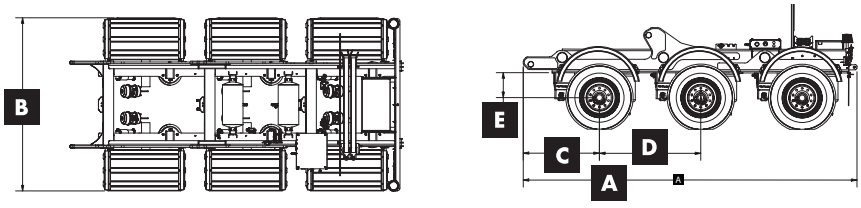
Dimension	Imperial	Metric
A Operating Length	56′ 10-3/16″	17,328 mm
B Operating Width	12′ 1/16″	3,659 mm
- Optional Tracks	11′ 4 ¾″	3,472 mm
C Operating Height	16′ 8½′	5,092 mm
D Travel Length	44′ 11-1/16″	13,692 mm
E Travel Width	109.84 in	2,789 mm
- Optional Tracks	100.39 in	2,549 mm
F Travel Height	11′ 9-3/8″	3,592 mm
G Hopper Length	14′ 3 ¼″	4,350 mm
H Feed Conveyor Width	4′ 10"	1,473 mm
I Hopper Height	5′ 3-3/16″	1,605 mm
J Front to Track Length	15′ 7-1/16″	4,447 mm
K Track Length	14′ 11 ¾″	4565 mm
L Ground Clearance	1′ 6-11/16″	474 mm
Machine Weight	78,000 lb	35,380 kg
- Optional Tracks	77,000 lb	34,927 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 ¾"	37.5 cm
F Height Range - Minimum	5' 3 ½"	161.33 cm
- Maximum	6' 9 ¼"	206.43 cm
- Transport	6' 4 $^{5}/_{16}$"	193.83 cm



Optional Tow Dolly



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Note: Consult factory for exact dimensions, specifications are subject to change without notice.

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