

4310B Highwalker

Drum Chipper



Powertrain

- Engine:
 - C18 Tier IV 755 hp (563 kW)
 - C18 Tier II 765 hp (570 kW) export only
- Clutch: PT Tech HPTO 14 FX
- Fuel tank capacity: 280 gallons (1,060 L)
- Hydraulic tank capacity: 110 gallons (416 L)

System Controls

- Peterson adaptive control system
- Remote control
- Peterson+ analytics

Feed system

- Feed chain: three sections, WHD 120
- Feed opening: 24 x 41 in (61 x 103 cm)
- Internal drive compression roll: 28-inch (71 cm) diameter
- Feed rate: up to 120 ft/min (3,657 cm/min)
- Feed conveyor width: 37-inch (93 cm)

Chipper

- Drum size: 36-inch diameter x 45 in w (91 x 114 cm)
- Knife pockets: 6 or 12 pocket
- Knives: Babbitt
- Chip size: 1/8 in to 1 1/4 in (3 to 32 mm) chip lengths

Tracks

- Track type and width: Single grouser, 18 in (50 cm) wide
- Ground pressure: 11.2 lb/in² (0.78 kg/cm²)

Optional Equipment

- Multiple knife options: 1/8 in to 1 1/4 in (3 to 32 mm) chip lengths
- Grate system with chip accelerator
- Track pads: 600 mm double grouser
- Cold weather kit
- Auxiliary air compressor
- LED work lights
- Top or end load spout
- Feed conveyor tailgate
- Knife cooling system

Production*

- Chip output: 60 - 120 US tons (60,000 - 120,000 kg) per hour

*Actual output may vary due to wood species, chip size, moisture content and support

Physical & Operating Characteristics

Dimension	Imperial	Metric
A Operating Length	30' 5"	928 cm
Travel Length	30' 5"	928 cm
B Operating Width	10' 3"	312 cm
Travel Width	10' 3"	312 cm
C Operating Height	12'	366 cm
Travel Height	12'	366 cm
D Feed Deck Length	7' 10"	240 cm
E Feed Deck Width	8' 2"	249 cm
F Feed Deck Height	4' 10"	146 cm
G Feed Width	3' 5"	103 cm
H Frame Length	29' 5"	895 cm
I Front Overhang	7' 8"	233 cm
J Rear Overhang	8' 2"	248 cm
K Ground Clearance	2' 8"	81 cm
Front Angle of Approach (Clearance Angle)	15°	
Rear Angle of Approach (Clearance Angle)	18°	

