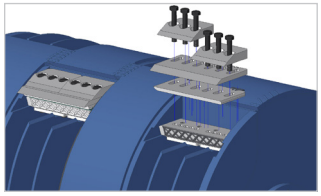
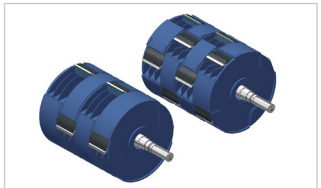
6300B Drum Chipper

The Industry standard for making a wide range of wood chips



Knife Assemblies: At The Heart Of The Chipper

Produced from the highest quality alloy chromium steel, heavy-duty Peterson knife assemblies achieve uniform production of wood chips with high accepts and minimal losses.

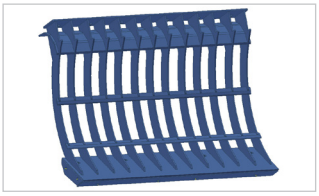


Select From 8 or16-Pocket Drum Styles

Featuring durable AR400 wear surfaces, the 6300 comes standard with a 8-pocket drum rotor with one Babbitted knife per pocket. A 16-pocket drum rotor is available for chipping microchips.

IQAN Operating System

The robust and reliable IQAN operating system is easy to use and is weatherproof for the most extreme environments, providing self-diagnostics and engine and system parameters.



Superior Product Sizing

Peterson's secondary grate system provides ultra-consistent chip sizing; twigs and small stems which can be difficult to size are easily fractured through our innovative system.

The 6300B drum chipper is suited for high volume biomass producers who have a wide variety of feed material, from logs up to 36" (91 cm) in diameter, to brush and small feed stock.

The 6300B is powered by a 1050 HP (772 kW) C27 Caterpillar engine, and has an optional Tier IVi engine available. A PT Tech wet clutch has also been added to the machine. At 85,000 pounds (38,555 kg), the 6300B was designed for operations requiring high production and frequent moves between jobs.

The 6300B has two drum configurations, a 8-pocket drum to make standard Biomass chips, or a 16-pocket drum to make a microchip. An optional grate

system has been redesigned to allow for adjustment from a microchip to a 2" chip with the same grates. Traditional babbit type knife systems are standard equipment, or an optional key knife™ system is available.

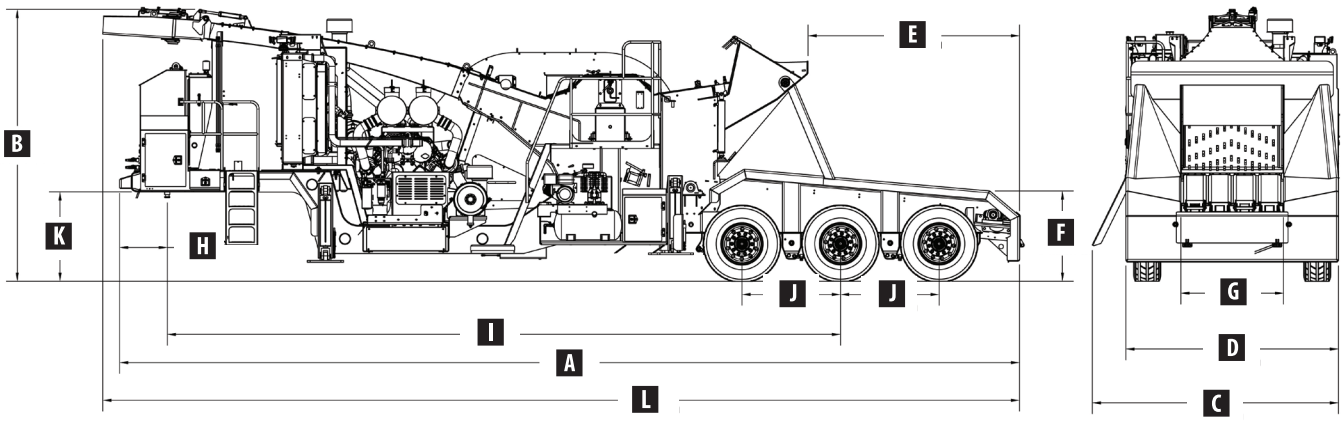
Peterson's chip accelerator system, adds load density, or throws chips well away from the machine for land clearing operations.

The chipper utilizes a 50" (127 cm) diameter by 60" (152 cm) wide drum. Other key features include a sloped feed deck for the ease of feeding and wear resistant AR400 wear surfaces on the drum pockets and shell. The feed chain has been upgraded to WDH120 for improved strength and long life.

Since 1981, Peterson has specialized in the developing of delivery and processing equipment that turns low-grade organic materials into high value products.

Peterson
an Astec Industries Co.

6300B Drum Chipper Dimensions



6300B Drum Chipper Specifications

Dimensions

A Length	41′-5 3/5″ (1264 cm)
B Height	12′-6″ (381 cm)
C Operating Width	11′-4 2/5″ (345.96 cm)
D Travel Width	9′-9 7/10″ (299 cm)
E Feed Length	9′-9″ (297 cm)
F Feed Height	4′-2″ (126.82 cm)
G Feed Conveyor Width	4′-8 3/5″ (144 cm)
H Front to 5th Wheel	2′-2 3/10″ (66.87 cm)
I 5th Wheel to Center Axle	31′-3/10″ (945.66 cm)
J Axle Spacing	4′-6 1/2″ (138.43 cm)
k 5th Wheel Height	4′-1 1/2″ (125.73 cm)
L Operating Length	42′-3″ (1287.82 cm)

Weights

Machine Weight*	85,000 lbs
(*approximate depending on configuration)	

Powertrain

Engine	Caterpillar C27 Tier II or Tier IVi
Horsepower	1050 hp (772 kW)
Clutch	PT Tech HPTO 15 FX
Fuel Tank Capacity	395 gallons (1495 L)
Main Hydraulic Tank Capacity	120 gallons (454 L)

Feed System

Drag Chain	4 Sections WDH120
Feed Opening	36″ high x 57″ wide (61 x 103 cm)
Internal Drive Compression Roll	42″ diameter (106 cm)
Feed Rate	Up to 120 ft/min (3657cm/min)

Controls

Peterson Adaptive Control System
Radio Remote

Chipper

Drum Chipper	50″ diameter x 60″ wide (91 x 114 cm)
Knife Pockets	8 or 16 (staggered)

Suspension

Tires	Super Singles 445/65,R22.5
Hydraulic Stabilizers	2 standard

Optional Equipment

Grate System with Chip Accelerator
Rear Mount Landing Gear
Auxiliary Air Compressor
Multiple Knife Options — ¼″ to 2″ (6 to 32 mm) chip lengths
Night Work Lights
Spout Blow-Back Deflector
Cold weather Kit

Production

Up to 250 tons per hour

(Actual output may vary due to moisture content, material density, material size, support equipment, and grate size. Production rates are based on grinding 50 minutes per hour.)

Specifications subject to change without notice.

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