

# 6310B Drum Chipper

Mobility and high production in one package



## 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.



## Heavy Duty Knife Assembly

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.



## 8- or 16-Pocket Drum Styles

Featuring durable AR400 wear surfaces, the 6310B comes standard with a 8-pocket drum rotor with one Babbitt 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.

**The 6310B drum chipper is suited for high volume biomass producers with a wide variety of feed material—brush and small feedstock to logs 36" (91 cm) in diameter.**

The 6310B is powered by a 1050 hp (772 kW) C27 Caterpillar engine, and has an optional Tier IV engine available. At 86,000 pounds (39,010 kg), the 6310B was designed for operations requiring high production and frequent moves between jobs.

The 6310B has two drum configurations, an 8-pocket drum to

make standard biomass chips, or a 16-pocket drum to make microchips. Both use Peterson's industry leading heavy duty knives which offer exceptional life between sharpening. An optional grate system allows for adjustment from microchips to 2" chips with the same grates. Traditional Babbitt 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

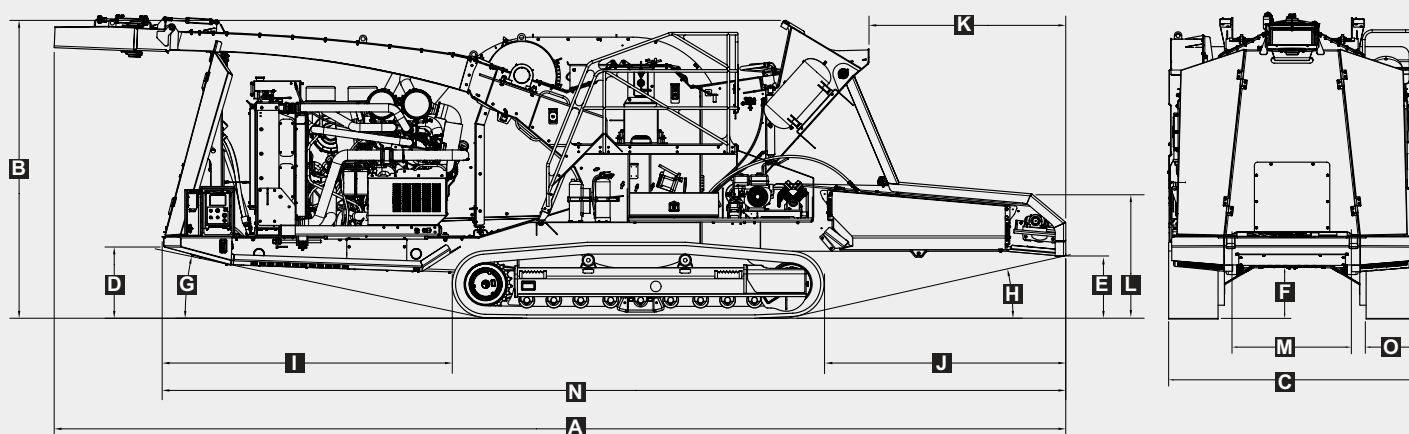
well away from the machine for land clearing operations.

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



**Peterson**  
an Astec Industries Co.

# 6310B Dimensions



## 6310B Specifications

### Dimensions

<b>A</b> Operating Length	40'9" (1242 cm)
Travel Length	40'9" (1242 cm)
<b>B</b> Operating Height	12'0" (366 cm)
Travel Height	12'0" (366 cm)
<b>C</b> Operating Width	9'10" (299 cm)
Travel Width	9'10" (299 cm)
<b>D</b> Front Ground Clearance	2'10" (87 cm)
<b>E</b> Rear Ground Clearance	2'6" (76 cm)
<b>F</b> Ground Clearance	2'0" (62 cm)
<b>G</b> Front Clearance Angle	12 deg
<b>H</b> Rear Clearance Angle	13 deg
<b>I</b> Front Overhang	11'8" (356 cm)
<b>J</b> Rear Overhang	9'9" (297 cm)
<b>K</b> Feed Length	7'11" (242 cm)
<b>L</b> Feed Height	5'0" (152 cm)
<b>M</b> Feed Conveyor Width	4'9" (144 cm)
<b>N</b> Frame Length	36'5" (1110 cm)
<b>O</b> Track Width	9'10" (300 cm)

### Weights

Machine Weight*	86000 lbs (39010 kg)
*Varies based on optional equipment and machine configuration.	

### Powertrain

Engine	Caterpillar C27 Tier II or Tier IVi
Horsepower	1050 hp (772 kW)
Clutch	PT Tech HPTO 15 FX
Fuel Tank Capacity	356 gallons (1348 L)
Main Hydraulic Tank Capacity	117 gallons (443 L)

### Tracks

Track Type & Width	triple grouser, 24" (60 cm)
Travel Speed	1.2/2.3 mph (1.9/3.7 kph)
Ground Pressure	TBD

### System Controls

Peterson Adaptive Control System
Radio Remote

### Feed System

Drag Chain	4 Sections, WDH120
Feed Opening	36" h x 57" w (61 x 103 cm)
Internal Drive Compression Roll	42" diameter (106 cm)
Feed Rate	up to 120 ft/min (3657 cm/min)

### Chipper

Drum Size	50" dia x 60" w (91 x 114 cm)
Knife Pockets	8 or 16 pockets (staggered)
Knife System	Babbitt or Key Knife

### Production

Chip Output*	up to 250 ton/hour (226 796 kg)
*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.	

### Optional Equipment

Multiple Knife Options	¼" to 2" (6 to 32 mm) chip lengths
LED Work Lights	
Grate System with Chip Accelerator	
Auxiliary Air Compressor	
Cold Weather Kit	

Measurements are rounded to the nearest whole increment. Specifications subject to change without notice.

**PETERSON** an Astec Industries Company

PO Box 40490 • Eugene, OR 97404 • Tel 800.269.6520 Fax 541.689.0804 • www.petersoncorp.com

