

*Whole Tree
Disc Chipper
with Feed Deck*

5900EL Chipper

*High Production
Pulp or Biofuel
Chipping*



The 5900EL features a feed deck for high-volume whole tree chipping!

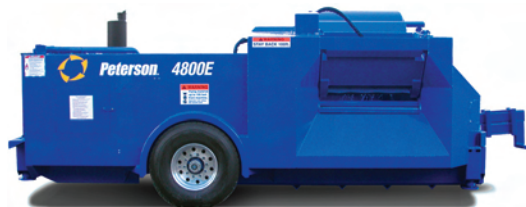
Peterson's popular 5900 disc chipper has been enhanced with key features that high-volume chipping operations demand. The new 5900EL (Extended Length) features an 11 foot (3.3 meter) feed deck, PT Tech hydraulic clutch, direct drive internal feed rolls, and a totally enclosed Tier 4 ready Caterpillar C18 engine.

The 5900EL disc chipper can produce high quality chips from ¼ to 1¼ inches (6 to 28 mm) for use in the pulp, particle board, wood pellet and biomass markets. When low bark or ash is a

requirement, the 5900EL can be paired with the Peterson 4800E debarker. The extended deck of the 5900EL provides increased flexibility to feed short stems and brushy material, and it has a large feed throat capable of accepting up to a 23 inch (56 cm) diameter trees or multiple smaller diameter stems.

The 5900EL is provided with a heavy-duty 66 inch (168 cm) diameter, 4¾ inch (121 mm) thick three knife chipper disc with replaceable wear liners, and is also available with an optional four knife disc. It has the same high quality chipping components that have been used for many years in Peterson's 5000H delimeter/debarker/chippers. Chipping production rates from 50 to 100 tons (45 to 90 tonnes) can be achieved depending on the desired chip size.

Peterson specializes in developing delivery and processing equipment that turns low-grade organic materials into high value products.



*Pair the 5900EL with a Peterson 4800E
to create a portable chip plant!*



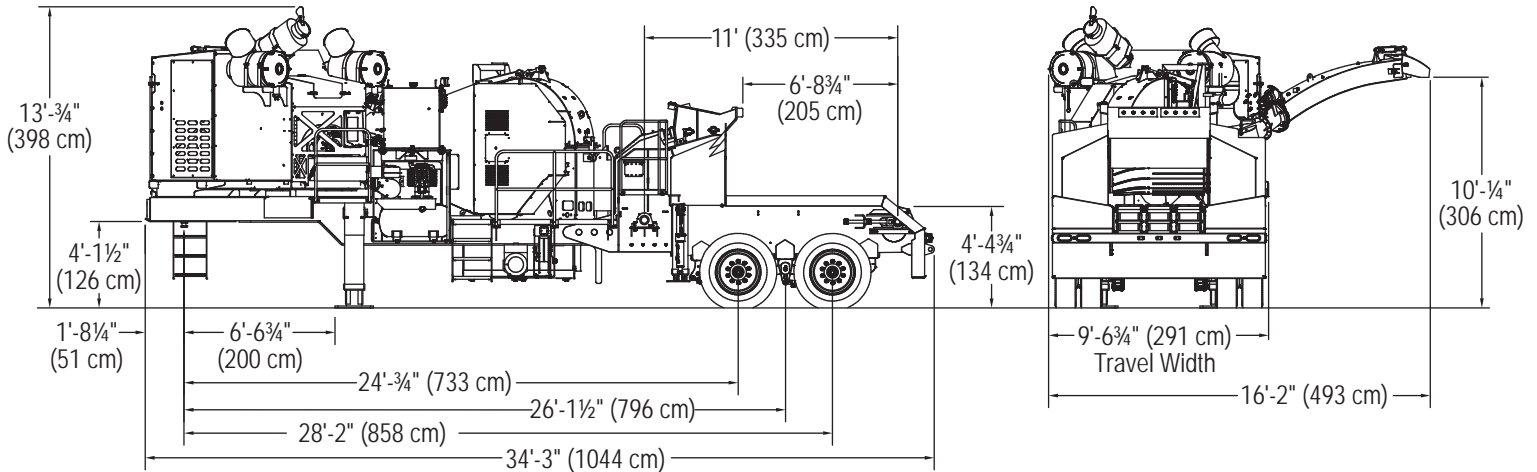
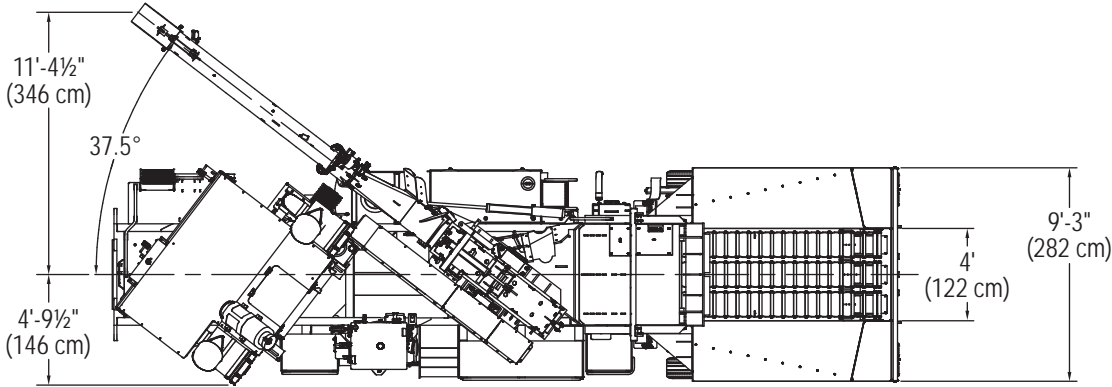
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5900EL Disc Chipper Specifications



Weights (estimated)

Weight	49,500 lbs (22453 kg)
Fifth Wheel Pin Weight	18,550 lbs (8414 kg)
Axle Weight	30,950 lbs (14039 kg)

Trailer

Axles	Dual oil bath axles, 4'-1" (124 cm) spread
Tires	Dual steel belted tires 275/80R-22.5
Wheels	10 hole budd style wheels
Two hydraulic outriggers	

Power Unit

Engine	Caterpillar C18, 765 HP
Clutch	PT Tech HPT014VG
Fuel Tank	200 US gallon (757 liter)

Feed System

Feed Deck	3 Strands WD110 special drag chain
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Hydraulic System

Tank capacity	90 US gallons (341 liters)
Pumps	Gear and pressure compensated
Filter system	Five micron return filter, ten micron breather

Chipper

Chipper Disc	Heavy duty three pocket 66 inch (168 cm) diameter
Knives	Standard three knife configuration
Chip Chute	Side loading with hydraulic fold cylinder
Discharge	Hydraulic swivel discharge spout
Dirt Separator	Removes contaminants, overs, fines, and slivers

Options

Four Knife Chipper Disc	
Chipper Knives	Babbitt or Key Knife®
Chipper Sheaves	40, 60, 65" (102, 152, 165 cm) diameter
Fire Suppression System	
Auxiliary Air Compressor	
Night Operation Lights	
Tail Light Harness (Canada)	
Optional Wheels and Tires	385/65-22.5 super singles
Top Loading Spout	
Feed Deflector Walls	
Side Feed Roll	
Rear Landing Gear	

Specifications subject to change without notice

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