

# 5900E Disc Chipper

Durability and performance in a whole tree chipper



### The 5900E's Large Infeed Throat Makes Feeding Easy

The 5900E's parallel wall feed throat stabilizes logs. Direct drive feed rolls mean no chain and sprocket wear, nor is there ever need for adjustments.

### Two Chipper Disc And Knife Systems Available

Peterson disc chippers come with three or four pocket, 66" (167 cm) diameter chipper discs with traditional babbitted knife systems, or Key Knife™ systems.

### 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.

### Pair the 5900E with a 4800E Debarker. Small Footprint. Big Results.

Operate both machines from a single remote! The 5900E's small footprint is popular with land owners who desire small landings and are ideal for first thinnings.

**The Peterson 5900E disc chipper produces high quality paper chips when used with a Peterson 4800F debarker, or fuel chips as a stand alone fuel wood chipper.**

The 5900E is powered by a Caterpillar C18, Tier III, 765hp (570kW) engine, which is both fuel efficient and maintenance friendly.

The 5900E can be configured with a three or four pocket disc, with several

optional sheave sizes to make precisely the chip you need. Chipping production rates from 60 to 100 US tons (54 431 to 90 718 kg) can be achieved depending on chip size.

The productive 5900E's large feed throat can accept up to 23 inch (58 cm) diameter trees or multiple smaller stems.

Servicing the 5900E is accessible from the convenient platforms around the engine and chipper. The chipper disc is

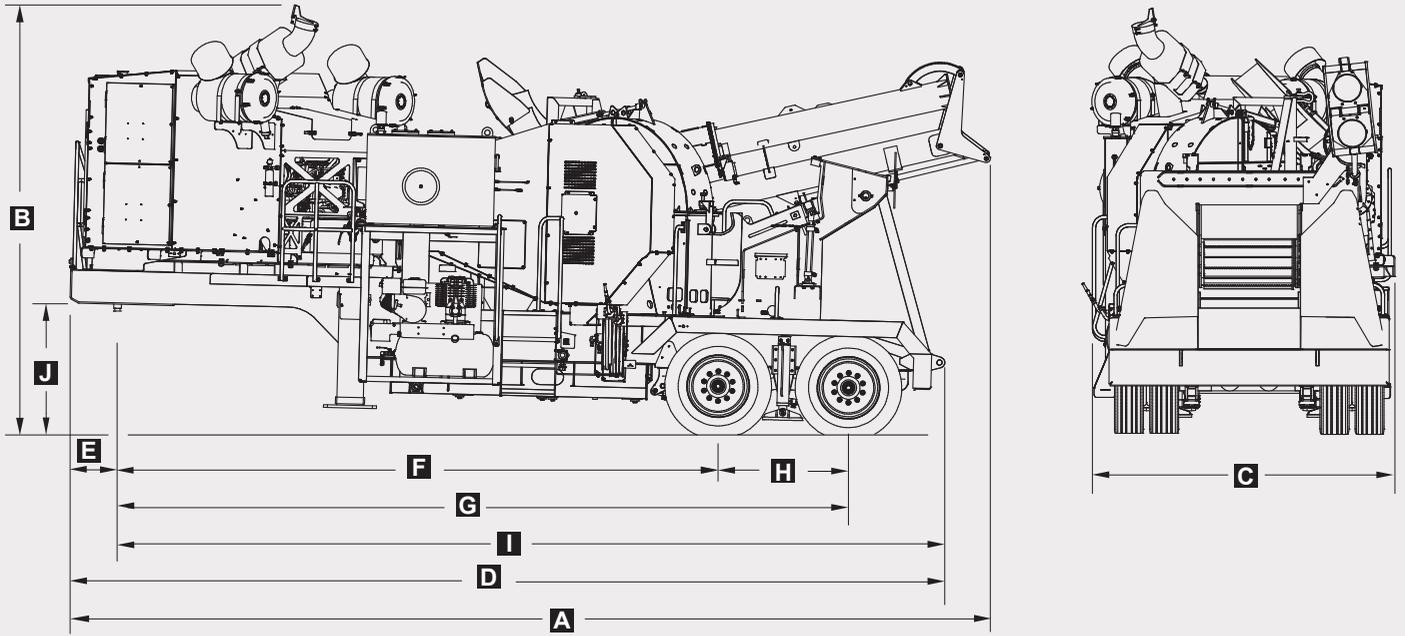
directly driven from a high-capacity PT-Tech hydraulic clutch and belts. This avoids the maintenance of a gear box.

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



**Peterson**  
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# 5900E Dimensions



## 5900E Specifications

### Dimensions (Long spout, shown in travel position)

|   |                             |                      |
|---|-----------------------------|----------------------|
| A | Travel Length               | 28'-11" (882 cm)     |
| B | Travel Height               | 13'-7" (414 cm)      |
|   | Operating Width, not shown  | 22'-1 3/4" (675 cm)  |
| C | Travel Width                | 9'-6" (290 cm)       |
| D | Operating Length            | 33'-0" (1006 cm)     |
|   | Operating Height, not shown | 17'-3" (526 cm)      |
| E | Front to 5th Wheel          | 18" (46 cm)          |
| F | 5th Wheel to Center Axle    | 18'-10 1/2" (575 cm) |
| G | 5th Wheel to Rear Axle      | 23' (700 cm)         |
| H | Axle Spacing                | 49" (125 cm)         |
| I | Kingpin to Rear Bumper      | 26' (792 cm)         |
| J | 5th Wheel Height            | 4'-1 1/2" (125 cm)   |

### Dimensions (Short Spout, not shown)

|  |                          |                      |
|--|--------------------------|----------------------|
|  | Travel Length            | 31'-3" (952 cm)      |
|  | Travel Width             | 9'-6 3/4" (291 cm)   |
|  | Travel Height            | 13'-7" (414 cm)      |
|  | Front to 5th Wheel       | 18" (46 cm)          |
|  | 5th Wheel to Front Wheel | 18'-10 3/4" (575 cm) |
|  | 5th Wheel to Rear Wheel  | 23' (700 cm)         |
|  | 5th Wheel to Rear        | 26'-1/4" (793 cm)    |
|  | Front Height             | 4'-1 1/2" (125 cm)   |

### Weight/Axle/Suspension

|  |                                  |                        |
|--|----------------------------------|------------------------|
|  | Total Weight (approximate)       | 46,600 lbs (21 133 kg) |
|  | 5th Wheel Weight (approximate)   | 17,400 lbs (7890 kg)   |
|  | Tandem Axle weight (approximate) | 29,200 lbs (13 243 kg) |
|  | Wheel Base (2 axle)              | 23' (701 cm)           |



### Chipper

|                |  |
|----------------|--|
| Chipper Disc   | Three pocket, 66" (167 cm) diameter, standard  |
| 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 |

### Powertrain

|                         |                           |
|-------------------------|---------------------------|
| Engine                  | Caterpillar C18, Tier III |
| Horsepower              | 765 hp (570 kW)           |
| Clutch                  | PT Tech HPT014FX          |
| Fuel Tank Capacity      | 300 gallon (1135 L)       |
| Hydraulic Tank Capacity | 110 gallon (416 L)        |
| Auto Reversing Fans     |                           |

### Feed System

|                                       |                             |
|---------------------------------------|-----------------------------|
| Floating Upper Direct Drive Feed Roll |                             |
| Direct Lower Feed Roll                |                             |
| 23" (58 cm) Feed Opening              |                             |
| Feed Speed Range                      | Up to 155 ft/min (47 m/min) |
| Chip Size Range                       | 1/4 to 1" (6-25 mm)         |

### Controls

Peterson Adaptive Control System (IQAN), Optional wireless link with Peterson flail

### Optional Equipment

Four Pocket Chipper Disk, Chipper Knives (Babbitt or Key Knife™), Auxiliary Air Compressor, Night Operation Lights, Top Loading Spout, Rear Landing Gear, Cold Weather Kit, Export Fifth Wheel Pin, Export Lifting Eyes, Dual Lower Feed Roll

Scan with your smartphone to see a video of the 5900E



Specifications subject to change without notice

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