



## PR165 COLD PLANER



### PR165 COLD PLANER

#### Features:

- Performs a wide range of pavement cutting.
- Removal and recycling operations on Portland cement and asphaltic concrete pavements.
- Size and maneuverability make it ideal for smaller jobs, such as intersections, cul-de-sacs, wedge and header cuts, bump and joint removal.
- Bridge decks and shoulder recycling and removal.
- Can be used for surface removal and mixing of a stabilizing agent with the sub-grade material.
- The standard 24 in (610 mm) wide cutter drum attachment will cut to 12 in (305 mm) deep and can be used for many of the above applications.

## PR165 Cold Planer Specifications

### Dimensions

Overall length	11 ft 9 in (3,581 mm)
Overall height	10 ft 9 in (3,277 mm)
Overall width	8 ft 2 in (2,489 mm)
Transport weight	21,500 lb (9,752 kg)
Transport weight w/conveyor	25,500 lb (11,567 kg)

### Engine

Cummins® Turbo Diesel	
EPA Tier 3 Horsepower	165 hp, 125 kW @ 2,300 rpm
Maximum torque	469 lb-ft, 636 N-m @ 1,400 rpm
Four-stroke-cycle diesel engine with four cylinders and 275 cu in (4.5 L) displacement. Air cleaner, dry-type, two stages with visual service indicator, 12-volt electric starting system with 60-amp alternator.	

### Rotary Cutter Assembly

Cutter diameter	40 in (1,016 mm)
Cutting depth	up to 12 in (305 mm)
Cutting width	24 in (609 mm)
Cutter teeth	62 tungsten carbide teeth with 0.75 in (19.05 mm) shanks
Teeth tap in/tap out for easy replacement; 62 replaceable heavy-duty steel alloy holders on mandrel with unique dowel location system.	

### Cutter Drive System

The cutter is powered by a high-efficiency, high-speed, hydrostatic closed-loop system into a planetary gear reducer inside the cutter drum.

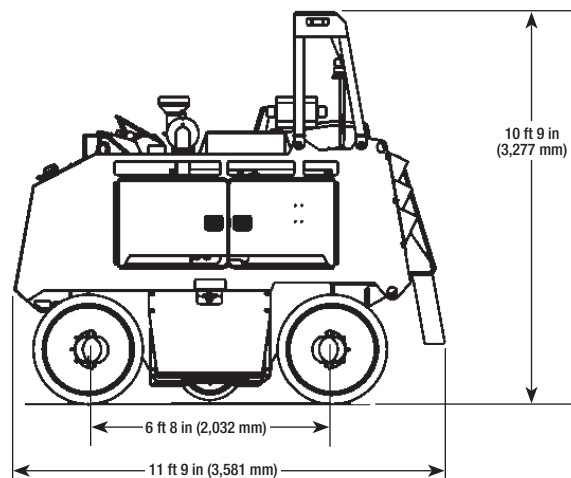
### Hydraulic System

Ten-micron filtration on all filtered circuits; onboard hand pump replenishes hydraulic oil through in-tank return filter to assure high level of oil cleanliness; in-tank suction strainers rated 200 mesh.

### Wheel and Drive Systems

Working range low	0–200 ft/min (0–61 m/min)
Working range high	0–360 ft/min (0–110 m/min)
Travel range low	0–7 mph (0–11 km/hr)
Travel range high	0–12 mph (0–20 km/hr)
High-capacity steering axles with limited slip differentials and deep-ratio transfer case provide the tractive effort required for the toughest jobs. Single pump and motor combination provides high performance and low maintenance requirements.	

## PR165 Cold Planer Dimensions



### Wheel and Drive Systems (continued)

Pump: closed-loop, with infinitely variable, 12-volt electrical displacement control; integral high-pressure filter and high-pressure limiters standard.

Motor: closed-loop, 2-speed electrical displacement control.

Tires: high-flotation, heavy-duty solid-rubber tires impregnated with steel wire for longer wear; tire size: 12 in (305 mm) wide x 36 in (915 mm) diameter.

### Operator Controls

Operator's station uses isolation dampers to decrease vibration; seat position provides excellent visibility of work area and cutter drum and ensures operator's comfort; highly visible system gauges and controls.

### Steering

Four-wheel steering and four-wheel drive let the operator select coordinated steering (front and rear), crab steering (front and rear, same), front only and rear only; 8 in (200 mm) cut turning radius is one of the best in the industry.

### Brake System

Parking/emergency brakes are spring-applied, hydraulic release-type contained within the rear axle. Brakes will automatically engage when hydraulic power fails or is shut off.

### Service Refill Capacities

Diesel fuel	60 gal (227 L)
Hydraulic oil	41 gal (155 L)
Cooling system	10 gal (38 L)
Water system	215 gal (814 L)

### Mainframe

Fabricated, heavy-duty unitized mainframe with rubber-mounted engine, floor plate and hydraulic tank; Roll Over Protection Structure (ROPS); hydraulically powered sub-frame features highly versatile parallelogram design that provides 24 in (610 mm) of elevation for raising and lowering the cutter in and out of the cut, and loading and unloading onto trailers for transport; also provides cutter slope adjustments from -5 degrees to +5 degrees.

### Lights

Two headlights	One back-up light
Two job-site floodlights	One rotating beacon light

### Optional Equipment

Two-stage, front-loading/folding conveyor system	
16 in (406 mm) wide conveyor belts	
30 degrees swing left and 30 degrees swing right	
Discharge height	12 ft 6 in (3,810 mm)
Cutting speed	up to 105 ft/min (32 m/min)
Non-contact, sonic-grade control system	
Interchangeable work modules	
Quick-change tool holders	

Effective Date: October 2008. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries. Copyright 2008 Terex Corporation.

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