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# PC4504 Pavement Grinder

## **FEATURES:**

- High Production pavement grinding on either concrete or asphalt.
- Designed for small continuous grinding projects or bump grinding.
- Can be operated manually or with computer controlled cruise control system that automatically adjusts forward speed to cutting conditions.
- Equipped with odometer that measures feet per minute.
- On board slurry vacuum and discharge system.
- Hydraulically controlled depth control wheels.
- Depth control wheels are side to side adjustable for accurate cut matching.
- Designed to grind within 9.5 inches (24.1cm) of curb face and raised medians.
- The PC4500 is excellent for Urban/City Street grinding projects.
- Stainless steel fresh water system

## **SPECIFICATIONS:**

**Engine:** Caterpillar® C18, 575 HP @ 2100 RPM, Turbocharged and after-cooled electronically controlled diesel engine. Meets U.S. EPA Tier 4, EU stage IV emission requirements. Fuel capacity: 220 Gallons (832 Liters), Fuel consumption: 28.3 GPH

**Dimensions:** Length: 30', Width: 7', Height: 9'6", Weight: 46,500 lbs (21,092Kg)

**Blade Capacity:** 18" diamond blades

**Blade shaft Drive:** Engine power is transmitted to blade shaft through a fluid clutch/hydraulic pump drive gearbox. A single Poly Chain GT Carbon belt drives blade shaft.

**Cut Width:** 50 inches (127cm)

**Blade shaft:** 8" (20.32cm) diameter with 2 keyways

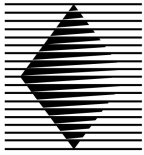
**Blade shaft Speeds:** High range-1,900 RPM, Low range-1,315 RPM

**Propulsion:** 4 hydraulic wheel motor assemblies with integral brake and two speed function speed is 0-250 feet per minute forward/reverse

## **Controls/Instrumentation**

Electronic joystick forward/reverse control Engine instrumentation includes, Tachometer, oil pressure

Engine voltage meter Water temp, Hour meter, and Amp meter



## Product Details

<https://www.diamondproducts.com/pc4504-groover-grinder>

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Safety shutdowns and alarms on engine, hydraulic system and transmission Hydraulic system pressure monitoring gauge

Coolant pressure gauge and alarm Lighted for night operation, Safety Beacons and backup alarm



- **Model Group:** PC
- **Model Number:** PC4504
- **Catalog Number:** 84366
- **Part Number:** PC4504
- **Engine/Motor Make:** No
- **Engine/Motor Model:** No
- **Sawing Engine/Motor Model:** No
- **Motor/Engine Power:** No
- **Power Source:** Diesel
- **Power Source:** Diesel
- **Blade Capacity:** 18"