

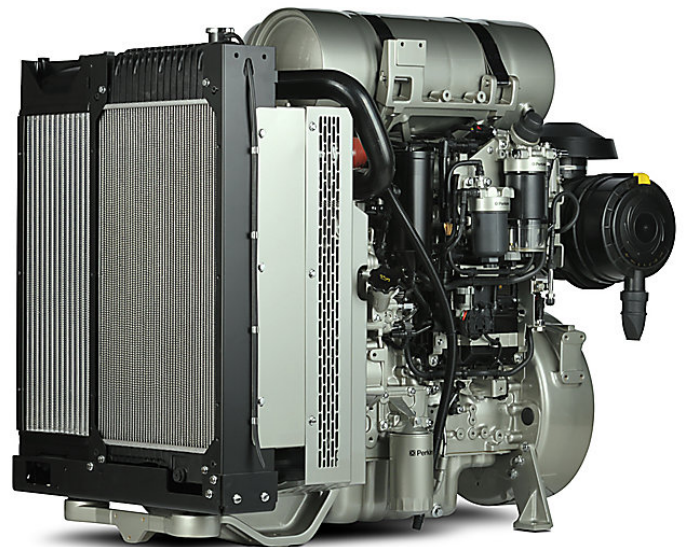
# ROAD PRO



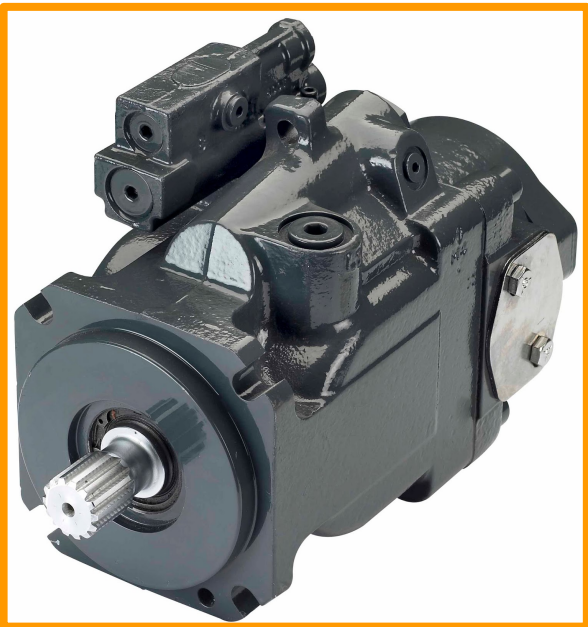
## 4170HDC

The heart of the ROAD PRO 4170 HDC is the Perkins 4.4 liter, turbocharged – charge air cooled, four cylinder diesel engine.

- 4.4 liter (268.5 cubic inch)
- 173 horse power at 2200 rpm
- 7.5 gallon of fuel per hour (full load)
- 12 volt electrical system
- EPA Tier 4 final complaint
- Donaldson over sized air cleaner with safety filter
- Donaldson self-cleaning pre-cleaner that removes most dust before it enters main air cleaner
- Donaldson zinc plated rain cap
- Computerized engine monitoring
- High temperature engine shutdown
- Low oil engine shutdown
- Worldwide service by any Perkins dealer







The Perkins diesel engine drives a massive American made axial piston pump.

- 100 cc displacement per revolution
- 5800 psi maximum working pressure
- 186 horse power output capable \*
- 394 lb.-ft. Torque output capable \*
- Heavy duty tapered roller bearings
- Single piece rigid housing reduces leak paths
- Low noise design
- Worldwide network of authorized service centers
- High efficiency means more power where you need it
- 40 years of designing state-of-the-art mobile hydraulic for off-highway machinery
- \* *only with 200 or more horse power diesel engine*

The axial piston motor drives a Swedish built bent-axis motor.

- 84 cc displacement per revolution
- 5800 psi maximum working pressure
- 5900 rpm maximum speed
- Double tapered roller bearings
- 186 horse power maximum output \*
- High efficiency
- Smooth operation over entire speed range
- Global network of service centers
- Spherical pistons

\* *only with 200 or more horse power diesel engine*



### FHGH 678 Tool Housing

- Steel glide wheels for precision depth control
- Separate Fast Engage/Retract and Depth control cylinders for easy skip line removal
- Simple to follow guide bar with adjustable width alignment straps
- Urethane vacuum seals for dust control
- Center pivot tool mount allow housing to follow contours of an uneven road surface
- Drum and bits NOT included in price
- Can easily accommodate diamond blades, flail bits, PCD's, and milling cutters up to 8" wide
- Uses modern carbon fiber drive belt for extended life
- Wider FHGH 1012 housing available

Other key features:

- Power steering
  - Multiple pressure gauges monitor tool drive pressure, cylinder pressure, power steering pressure, hydro-static drive pressure, charge pressure, pulse pressure, and dust collector vacuum
  - Large debris collector for nearly dust free operation
  - Dust collector uses fully automated reverse pulse system to clean cartridge filters
  - Rear bottom dump debris bin empties quickly
  - Simple one man operation minimizes operating cost
  - Patent, full flotation tooling allows drum to conform to road surface with little or no operator intervention
  - Tool can be positioned at any location on the toolbar
  - Four front LED work lights and one rear LED work light for brightly lit night projects
  - Numerous options available: skip line controller, LED strobe lights, small arrow board, matching trailer
- 



**DICKSON INDUSTRIES**

P.O. Box 694

Tecumseh, OK 74873

405.598.6547 voice

405.598.6549 fax

[www.roadproonline.com](http://www.roadproonline.com)