

JH16/170

This drill package transforms the Komatsu PC170LC-10 or Komatsu PC210-10 into a versatile and highly productive state of the art hydraulic rock drill. The following components are included:

Feed

Heavy Duty tubular steel design with a 16' leading rod capacity (20' 6" overall length). Stainless steel feed rails are combined with low friction nylon slides for smooth drifter travel. Variable feed pressure is applied through a motor/gearbox/ chain combination providing 30,000 lbs retraction force. An extendable single point foot provides a secure hold for accurate positioning. Hydraulic centralizers with replaceable inserts are included.

Drifter

"Dry Fire" Model, reliable and simple design providing over 350 ft. lbs of impact energy per blow and up to 2100 blows per minute. Designed for drilling with T38, T45, or T51 steel, this model drifter provides excellent penetration in holes ranging from 2 ½" to 4 ½" in diameter. With 16' feed, it is recommended to use T45 steel.

Compressor

The John Henry compressor is rear mounted (in lieu of the counterweight) and provides 375 cfm of flushing air at a maximum pressure of 150 psi. This oil flooded rotary screw design is powered by a Cummins diesel engine. The volume of air delivered for flushing is variable from the operator's control panel.

Hydraulic System

The excavator is the primary source of power for all hydraulic John Henry drill functions. A dependable pilot operated hydraulic system (not an electric system) is used to direct the flow of oil to the drill package. Standard excavator functions and controls are not affected. Heavy-duty steel tubing is used in combination with hydraulic hosing for all hydraulic connections.

Controls

The control panel, located in the operator's cab, contains pilot controls for tilt, rotation, air, feed, and impact. Rotation speed, feed pressure, air volume, and water suppression are all fully adjustable from this panel. Feed pressure and air pressure gauges are located here as well. An electronic level indicator is standard.

Dust Control

A water suppression system is provided. A hydraulically driven duplex pump transfers water from a stainless steel 60-gallon tank into the flushing air stream. An optional 900 CFM Dry Type Dust Collection system may also be added upon request.

Optional Rod Changer

Single rod changer allows operator to add (1) additional 14' rod for depths to 29'.

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