

NPK

PH2-S Hydraulic Hammers



- *NPK's PH-2 Hydraulic Hammer for Underground Mine Scaling Application*
- *Mount on Backhoes or Specialized Scaling Machines*
- *Equipped with Heavy-Duty Enclosed Bracket with Dust Protection and Optional Dust Suppression*
- *3 Year Limited Warranty*
- *Comprehensive Dealer Network Providing Sales, Parts and Service, and Backed by the Industry's Best Support!*



NPK ATTACHMENTS...designed, built and backed by NPK.

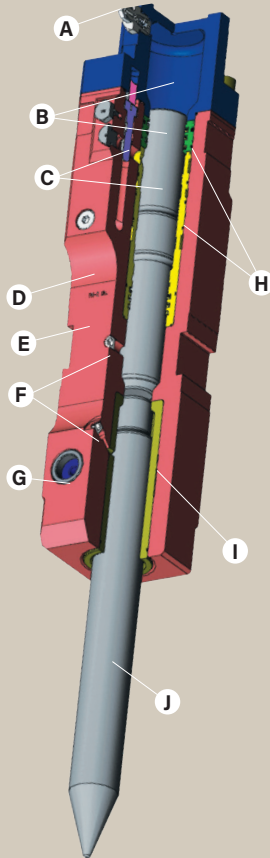


Hydraulic Hammer PH2-S

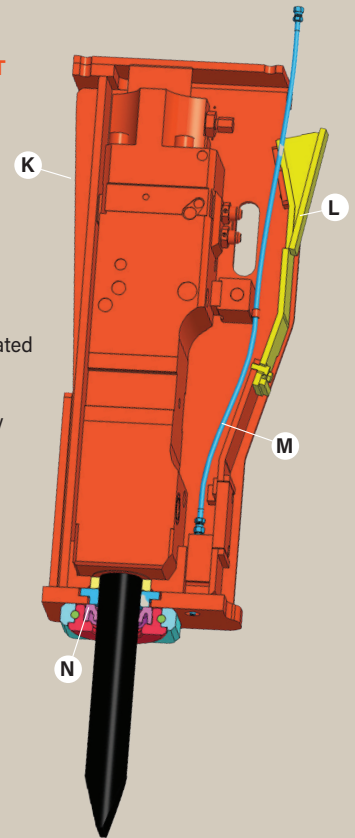
Built to withstand the scaling application environment, model PH2-S consists of the bare hammer assembly of NPK's proven PH-2 Hydraulic Hammer, protected inside a heavy-duty enclosed bracket and equipped with dust protection and optional dust suppression.

PH2-S FEATURES

- A. Gas charge valve
- B. Unique gas-charged piston maximizes hammer efficiency
- C. Simple, two-moving-parts design for reliability
- D. Anti-blank fire feature for long hammer life, with the ability to change to blank fire in the field if preferred, by simply switching 2 plugs
- E. One-piece hammer body without tie rods
- F. Ports for automatic bushing lubrication and air for underwater use
- G. Quick-change tool system with single round retainer pin
- H. Fully sleeved design allows for extended service life. More favorable cost of long term ownership
- I. Slip fit tool bushings for quick, easy replacement
- J. Variety of tool configurations available (Long FX Chisel recommended for Scaling Application)



- K. **HEAVY-DUTY ENCLOSED BRACKET**
 - Protects the main body of the hammer
 - Also reduces noise pollution
- L. **COVER PLATE**
 - Protects the whip hoses that supply the hydraulics to the hammer
- M. **WATER READY KIT FOR DUST SUPPRESSION (OPTIONAL)**
 - Water hose with spray nozzle is integrated into the bracket, providing wide spray angle for maximum coverage
 - Ready to be connected to water supply
 - Accessible for serviceability
- N. **DUST GUARD KIT INCLUDED FOR DUST PROTECTION**
 - 3 layers of chisel wipers built in at the bottom of the bracket protect the bare hammer internals and hydraulic system by preventing dust and debris from entering the lower chamber due to the application and environment

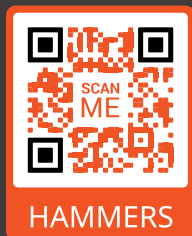


NPK Hydraulic Hammers are designed to eliminate the need for bladder type accumulators that are susceptible to unexpected failure and high maintenance cost. Built with only 2 moving parts, NPK Hammers provide the increased productivity you want and the reliability you need!

SPECIFICATIONS

NPK Model	Impact Energy Class* (ft lb)	Impact Frequency (bpm)	Recommended Carrier Weight (lb-metric tons)	Oil Flow (gpm-lpm)	Operating Pressure (psi-bar)	Working Weight** (lb-kg)	Tool Diameter (in-mm)	(Long FX Chisel) Tool Working Length (in-mm)
PH2-S	500	500-1,200	6,000-11,000 lb 2.7-5 metric tons	7-16 gpm 25-60 lpm	2,465 psi 170 bar	660 lb 300 kg	2.6 in 66 mm	23.6 in 600 mm

*Impact Energy Class is a marketing rating and does not relate to measured impact energy. **Working weight includes tool and mounting bracket. Weight may vary depending on bracket configurations. Specifications subject to change without notice.



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