

# **NPK**

# **Hydraulic Hammer**

# **PH2-S**

## **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 & BACKED BY NPK**

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.

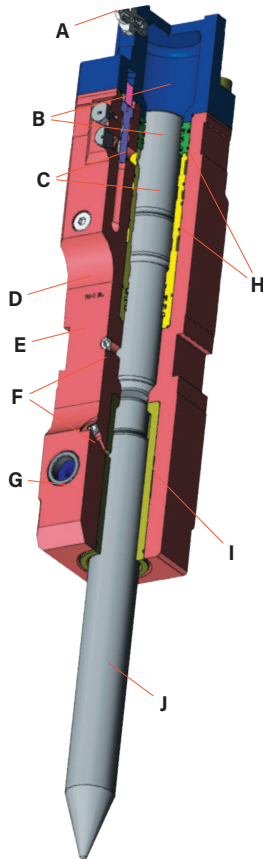
## SPECIFICATIONS

| NPK Model | Impact Energy Class* (ft lb) | Recommended Carrier Weight (lb-metric tons) | Impact Frequency (bpm) | 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 ft lb                    | 6,000-11,000 lb<br>2.7-5 metric tons        | 500-1,200 bpm          | 7-16 gpm<br>25-60 lpm | 2,465 psi<br>170 bar         | 660 lb<br>300 kg          | 2.6 in<br>66 mm       | 23.6 in<br>600 mm                            |

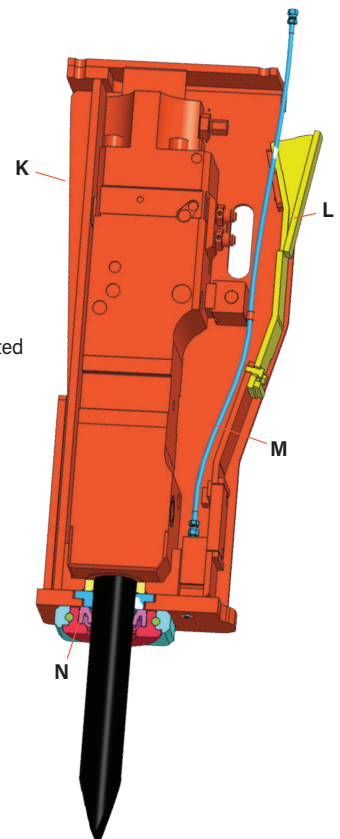
\*Impact Energy Class is a marketing rating and does not relate to measured impact energy. \*\*Working weight includes tool and mounting bracket. Weight may vary depending on bracket configurations. Specifications subject to change without notice.

## 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



Each product sold by NPK is subject to an express written warranty. NPK makes no other warranty, express or implied, including any warranty of merchantability or fitness for any particular purpose. NPK is not liable for any incidental or consequential damages.



For more information on Hydraulic Hammers



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