THE PRODEM PRB SERIES ARE VIBRATION DAMPENED SILENCED HYDRAULIC HAMMERS WHICH HAVE BEEN DEVELOPED FOR THE TOUGHEST KINDS OF ENVIRONMENTS.

- **FEWER COMPONENTS**
  - Around one third of its competitors

- **ANTI-BLANK BLOW (PRB130 AND LARGER)**
  - Significantly reduces blank blow induced failures
  - Less downtime means more productivity

- **DUAL-SPEED CONTROL (PRB130 AND LARGER)**
  - Control blow frequency adjusting to hardness of rock
  - Low power with high speed - concrete breaking, soft rock, reducing boulders
  - High power with low speed - quarry, trenching

- **CENTRALIZED LUBRICATING SYSTEM**
  - Enable to utilise centralised auto grease system

- **OPTION**
  - Auto greasing kit: Automatic dispensing of lubricating paste

**PERFECT CUSHION DAMPER**
- Optimal damping system made of high quality elastomer
- Minimizing recoil shock induced by impact
- Reduces noise and vibration

**UNIQUE VALVE DESIGN**
- Lessens pressure fluctuation
- Less damage on carrier’s pump

**LONG PISTON STROKE**
- Minimizes recoil
- Eliminates mechanical springs
- Special heat-treated and hardened piston

**EASY MAINTENANCE**
- Fewer components
- Wide and appropriate openings

**HARDENED ROCK CLAW**
- Resisting wear and abrasion

**HIGH PRESSURE ACCUMULATOR (PRB170 AND LARGER)**
- Eliminates pressure fluctuation
- Increases impact power

**THROUGH BOLT**
- Reduces internal torsion stress to increase fastener life

**FULL BOX ENCLOSURE**
- No rigid side-bolts
- Low maintenance cost
- Extremely durable welded structure
- Reduces noise

**HIGH QUALITY WORKING TOOL**
- Optimized by high grade steel and heat treatment

**CENTRALIZED LUBRICATING SYSTEM**
- Enable to utilise centralised auto grease system
WHY DEVELOP THE TOOL ENERGY RATING?
Assessing and comparing hydraulic hammers have never been easier or more accurate than the Tool Energy developed by the Mounted Breaker Manufacture Bureau (MBMB) of the AEM. The AEM is the U.S. based international trade group serving the business needs of construction equipment manufacturers and construction services providers.

The AEM Tool Energy Rating is accepted by hydraulic breaker manufacturers from Finland, France, Germany, Italy, Japan, Korea, Sweden and the United States. PRODEM has been accredited to self certify tool energy ratings obtained through test process complying with “AEM Measuring Guide.”

HAMMER TEST BENCH
The AEM tool energy rating test bench simulates actual working conditions under controlled situations. Each hammer is tested 25 times observed by the AEM certified tester. Each impact is then measured by strain gauges on the tool bit and recorded and compared with other AEM-MBMB certified breakers.

All variables like flow, pressure, etc which affect impact energy throughout the tests, are averaged to one specific value. By having this test bench, all hammers manufactured complying with AEM-tool energy ratings, give customers a more practical and accurate standard to select a hammer. Only hammers that have been tested and certified under AEM regulation can display AEM-MBMB decal.
HYDRAULIC HAMMERS

PRB SERIES - BA

THE PRODEM PRB SERIES ARE VIBRATION DAMPENED SILENCED HYDRAULIC HAMMERS WHICH HAVE BEEN DEVELOPED FOR THE TOUGHEST KINDS OF ENVIRONMENTS.

Whilst the PRB Series are fully silenced for sound sensitive job sites they also provide impressive power for the largest demolition sites. The PRB range provides more power through innovative durability. The PRB Series (PRB130 upwards) benefit from, “Pro-Speed” Dual Speed Control System, Anti-Blank Firing System, Auto-Stop & Auto Start, Rock Claws, and a single high pressure accumulator (PRB200 upwards). The PRB Series offer power, reliability, durability, low operating costs and ultimately, customer satisfaction.
## TECHNICAL SPECIFICATION

<table>
<thead>
<tr>
<th>Model</th>
<th>Work Weight (kg)</th>
<th>Required Oil Flow (lpm)</th>
<th>Operating Pressure (bar)</th>
<th>Impact Energy (max) – Low Speed (joule)</th>
<th>Impact Energy (max) – High Speed (joule)</th>
<th>Impact Frequency – Low Speed (bpm)</th>
<th>Impact Frequency – High Speed (bpm)</th>
<th>Tool Diameter (mm)</th>
<th>Tool Diameter (inch)</th>
<th>Carrier Weight (t)</th>
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</table>
HYDRAULIC HAMMERS

THE PRODEM SKIDSTEER AND BACKHOE SERIES ARE SPECIFICALLY DESIGNED WITH THE OPERATOR IN MIND OFFERING EASE OF MOUNTING, INCREASED VISIBILITY AND IMPROVED PERFORMANCE.

"THE PRODEM HAMMER IS THE BEST I’VE EVER USED. THEY ARE VERY RELIABLE AND IF YOU NEED A SPARE PART THEY’RE READILY AVAILABLE AND INEXPENSIVE."

<table>
<thead>
<tr>
<th>Model</th>
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<th>Required Oil Flow (lpm)</th>
<th>Operating Pressure (bar)</th>
<th>Blow Frequency (bpm)</th>
<th>Impact Energy (Joule)</th>
<th>Tool Shank Diameter (mm)</th>
<th>Carrier Weight (t)</th>
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</table>
HYDRAULIC HAMMERS

PRIME SERIES
BA & SA

HOSE SWIVELS
- Swivel joint on main feed/return hoses
- Standard from PRB130 to PRB700
- Increased hose life
- Ease of servicing
- Hoses fully protected

PRO-LUBE AUTOMATIC GREASING SYSTEM
- Long service life
- Ease of maintenance
- Lower operating costs
- Screw type replacement cartridges
- Longer tool life