



# HY-RAM®

MODEL 700

**ALLIED'S BOOM MOUNTED HYDRAULIC  
IMPACT HAMMER**



# HY-RAM® MODEL 700

## THE IMPACT HAMMER DESIGNED FOR SKID STEER LOADERS AND MINI-EXCAVATORS

The Model 700 Hy-Ram® is a small sized hydraulic hammer designed for use on skid steer loaders and mini-excavators. It delivers 200 ft. lbs. of impact energy at a rate of 450-1200 blows per minute. This hammer features patented quality design, easy operation and is built for light demolition jobs.

Several quality features contribute to the Model 700's patented design. A simplified installation method can adapt this Hy-Ram® to a carrier's auxiliary hydraulic system. In these cases, there is no need for a complete installation kit — just assorted hardware fittings. A gas assist power stroke allows the hammer to operate with less

oil. This increases the Model 700's efficiency and versatility for use on many smaller size carriers.

Two rubber dampened pins attach the 700 Hy-Ram® to the mounting brackets. These pins reduce recoil, machine fatigue and operating noise. In addition, there are no mounting bolts to re-tighten. The Model 700 weighs only 200 lbs, but is strong enough to make tough jobs easy. It has a 1-3/4" diameter tool and replaceable tool holder bushings.

The 700 Hy-Ram® fits virtually all skid steer loaders and mini-excavators up to 4,500 lbs. It operates at 1800 psi using a hydraulic flow of only 4 to 9 gpm.

The tool's light weight and dampened pin design combine to ensure easy operation and extended machine life. With only two tie rods and no accumulator, the Model 700 hammer needs little maintenance.

The Model 700 productively breaks soft, seamy rock and concrete. It's just right for street, bridge, foundation, sidewalk, curb and gutter applications. The 700 Hy-Ram®'s low noise level and easy maneuverability in tight quarters make it ideal for breaking concrete floors, walls, and stairways in industrial applications. The hammer can also perform trench compaction, sheet, pipe and pile driving with the use of various accessories.

### Specifications

### U.S./Metric

Energy Class	200 ft. lbs./271 n.m.
Frequency	450-1200 blows per minute
Hydraulic Flow Required	4-9 g.p.m./15-34 l.p.m.
Operating Pressure	1800 p.s.i./125 kg./cm. <sup>2</sup>
Nitrogen Pre-Charge	150 p.s.i./10.5 bar.
Working Weight	200 lbs./90 kg.
Overall Length	44 in./112 cm.
Spacing Inside Bracket	5-3/4 in./146 cm.
Boom Pin Diameter	1-1/4 in./31.7 mm.
Standard Demolition Tool Diameter Working Length	Conical Point 1-3/4 in./44 mm. 12 in./305 mm.

### Accessories

- Conical Point Tool
- In-Line Chisel Tool
- Cross-Cut Chisel Tool
- Relieved Moil Tool
- 3" Post Driver Assembly
- 2" & 4" Pipe Driver Assembly
- Soil Tamper Assembly
- Adapter Brackets

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