

Allied's  
Boom-Mounted  
Hydraulic  
Impact  
Hammer

# HY-RAM<sup>®</sup>



Model 720

# The Model 720 Hy-Ram®... the impact hammer designed for small contractors and municipalities

Allied's newest boom-mounted hydraulic impact hammer — the Model 720 — has been designed and priced for small contractors and government municipalities. From its standard top-mounting bracket to its durable two and a half inch diameter tool, the Model 720 delivers 500 foot pounds of impact energy at a rate of 750 blows per minute.

The small size of the Model 720 complements Allied's high performance medium sized (Model 77 and Model 88) and large sized (Model 750 and Model 770) Hy-Ram impact hammer line. The Model 720 Hy-Ram, which is used for lighter breaking applications productively breaks soft rock and concrete. Typical applications include pavement and concrete breaking, bridge deck demolition, trench compaction (with the tamper tool accessory), driving of sheeting, posts and pipe (with the post and pipe driver accessories), and asphalt cutting (with the asphalt cutter assembly accessory). The boom-mounted impact hammer operates off of the hydraulic system of small backhoes, skid steer loaders, or mini-excavators. The maximum carrier weight is 15,000 pounds.

A key feature of the Model 720 is the long-stroke design which translates into less recoil to the boom without additional shock absorbing parts. Recoil, if not reduced, can damage the boom and structural components. The Model 720 also features an electric shutoff which results in better operator control and faster production because the hammer is turned on or off by the operator. The electric shutoff on the Model 720, relative to open-center systems, helps in preventing excessive hydraulic heat and allows full hydraulic flow to operate boom functions while the hammer is shut off. Another key feature of the Model 720 Hy-Ram is its simple design which allows the hammer to be easily serviced.

Allied Steel & Tractor Products, Inc. pioneered the concept of the high performance boom-mounted impact hammer. The Model 720 maintains that tradition with a combination of performance, efficiency, and reliability. The small size and moderate price of the Model 720 make it a perfect match for small contractors and municipalities performing light breaking applications. For more information, call an Allied Distributor in your area today.

## Specifications

Impact Energy Class .....	500 ft. lbs. / 680 n.m.
Frequency .....	750 blows / min.
Hydraulic Flow Required .....	11-13.5 g.p.m. / 42-51 l.p.m.
Operating Pressure .....	1800 p.s.i. / 125 kg. / cm. <sup>2</sup>
Top-Mounting Bracket .....	Standard
Gross Weight .....	500 lbs. / 227 kg.
Overall Length .....	56 in. / 142 cm.
Spacing Inside Mounting Bracket .....	10¼ in. / 260 mm.
Boom Pin Diameter .....	1½ in. / 38.1 mm.
Standard Demolition Tool .....	Cross Cut Chisel
Diameter .....	2½ in. / 63 mm.
Working Length .....	16 in. / 41 cm.
Quick-Change Tool Feature .....	Standard

The Model 720 Hy-Ram is also available in one heavy-duty version — the Model 721. This model, which features an abrasion-resistant,

### Accessories:

Adapter Brackets

Demolition Tools — Cross-Cut Chisel, In-Line Chisel, Conical Point, Relieved Moil. (For special tools, contact the factory.)

Frost Cutter • Asphalt Cutter • Tamper Tool  
• Post Driver • Pipe Driver • Assembly Stand

top-mounted bracket, is available for use on a Pedestal Breaker System Group I. Contact the factory for further specifications.



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