

AR Series™

Allied's Model AR 85B hydraulic impact hammer



Allied AR Series™ Hammers Pay the Rent.

The Allied Model 85B AR Series hammer is built to meet the growing demands of the rental market and to offer an alternative hydraulic hammer to contractors. The Model AR 85B hammer offers reliable performance, minimum maintenance and an attractive price which makes this hammer the perfect match for the rental industry and contractors breaking rock and demolishing concrete.

The AR 85B is a 1,185 pound hydraulic hammer that mounts easily on a 14,000 to 25,000 pound backhoe or 15,000 to 30,000 pound excavator.

The Model 85B AR Series hammer features:

- Proven design with an optimum combination of weight, power and performance
- Easy start with minimal downpressure allows operation in any position
- Steady blow energy for maximum breaking power with every blow
- Straight hydraulic hose fittings for reliable "leak-free" connections
- Tool bushings are slip-fit for easy removal reducing service time
- Supply pressure dampening for internal protection and smoother operation
- Bolt-on top-mounting bracket makes it easy to attach to excavators using quick-couplers
- High power gives excavator maximum breaking power
- Wide assortment of demolition and specialty tools to match the job



One or more of over 2,500 customized hydraulic kits from Allied provide components for mounting the Model AR 85B on backhoes and excavators. The Model AR 85B requires 13 to 27 gpm at 1,400 to 1,750 psi and it breaks at a rate of 500 to 750 blows per minute.

Demolition of concrete structures, building foundations, pavement and trench rock are many of the applications for the Model

85B AR Series hydraulic hammer. And, with a variety of accessories, rental customers and contractors can put the Model 85B AR Series hammer to work on the job site in more ways than ever before.

Model AR 85B Specifications

Model	AR 85B
Mounting Type	SR
Foot Pound Energy Class	1,100 ft. lbs.
Operating Ranges	
Frequency Range	500-750 bpm
Hydraulic Flow Required Range	13-27 gpm (50-100 lpm)
Hydraulic Pressure Range	1,400-1,750 psi (97-120 bar)
Working Weight	1,185 lbs. (538 kg)
Overall Length	61 in. (154 cm)
Standard Demolition Tool	Cross-Cut
Tool Diameter	3.35 in. (85 mm)
Recommended Carrier Weight (Backhoe)	14,000-25,000 lbs.
Recommended Carrier Weight (Excavator)	15,000-30,000 lbs.
Measured Values	
Energy Rating*	494 ft. lbs. (669 joules)
Frequency	718 bpm
Hydraulic Flow	26.3 gpm (100 lpm)
Supply Pressure	1,704 psi (118 bar)

*The hammer energy rating is in accordance with the Certified AEM (formerly CIMA) Tool Energy Rating method.

Mounting Type Description:

SR-Small Excavator/Backhoe Top-Mounting

For sales and service, contact your Allied Distributor:



3900 Kelley Avenue, Cleveland, Ohio 44114
Tel: 216-431-2600 Fax: 216-431-2601
e-mail: Sales@AlliedCP.com
website: <http://www.AlliedCP.com>