



AR Series™

Allied's Model 85 AR Series hydraulic impact hammer

Allied AR Series™ Hammers Pay the Rent.

The Allied Model 85 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 85 AR Series hydraulic 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 85 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 85 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
- Direct mounting to loader/backhoes reduces time and cost
- Wide assortment of demolition and specialty tools to match the job
- Supply pressure dampening for internal protection and smoother operation
- Bolt-on top-mounting bracket makes it easy to attach to excavators using quick-couplers

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

Demolition of concrete structures, building foundations, pavement and trench rock are many of the applications for the Model 85 AR Series hydraulic hammer. And, with a variety of accessories, rental customers and contractors can put the Model 85 AR Series hammer to work on the job site in more ways than ever before.



Model AR 85 Specifications

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| Model | AR 85 |
| Mounting Type | SCS |
| Foot Pound Energy Class | 1,100 ft. lbs. |
| Operating Ranges | |
| Frequency | 400-750 bpm |
| Hydraulic Flow Required | 13-27 gpm (50-100 lpm) |
| Hydraulic Pressure | 1,400-1,750 psi (97-120 bar) |
| Working Weight | 1,185 lbs. (538 kg) |
| Overall Length | 72 in. (183 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. (670 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:
SCS-Small Excavator/Backhoe Top-Mounting

For sales and service, contact your Allied Distributor:

ALLIED
Construction Products, LLC

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