

# AR Series™

Allied's Model AR 180C hydraulic impact hammer



# Allied AR Series™ Hammers Pay the Rent.

The Allied Model 180C 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 180C 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 180C is a 12,540 pound hydraulic hammer that mounts easily on a 110,000 to 190,000 pound excavator.

The Model 180C 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
- Full-box enclosure protects the tool holder and allows raking of boulders
- No special tools are needed for maintenance or disassembly
- Shock-absorbing polyurethane inserts reduce shock to the carrier and dampen noise
- Valves can be checked and overhauled without disassembly
- Options include BreakerLube™ and Underwater Kits

One or more of over 2,500 customized hydraulic kits from Allied provide components for mounting the Model AR 180C on excavators. The Model AR 180C requires 60 to 80 gpm at 1,900 to 2,200 psi and it breaks at a rate of 300 to 450 blows per minute.

Demolition of concrete structures, building foundations, trench rock and oversize rock are many of the applications for the Model 180C AR Series hydraulic hammer. And, with a variety of accessories, rental customers and contractors can put the Model 180C AR Series hammer to work on the job site in more ways than ever before.



## Model AR 180C Specifications

Model	AR 180C
Mounting Type	LR9
Foot Pound Energy Class	13,000 ft. lbs.

### Operating Ranges

Frequency Range	300-450 bpm
Hydraulic Flow Required Range	60-80 gpm (230-305 lpm)
Hydraulic Pressure Range	1,900-2,200 psi (130-152 bar)
Working Weight	12,540 lbs. (5700 kg)
Overall Length	143 in. (363 cm)
Standard Demolition Tool	Cross-Cut
Tool Diameter	7.09 in. (180 mm)
Recommended Carrier Weight (Excavator)	110,000-190,000 lbs.

### Measured Values

Energy Rating*	Pending
Frequency	Pending
Hydraulic Flow	Pending
Supply Pressure	Pending

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

Mounting Type Description:

LR9-Large Excavator Top-Mounting

For sales and service, contact your Allied Distributor:



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