

AR Series™

Allied's Model AR 165 and Model AR 175 hydraulic impact hammers



Allied AR Series™ Hammers

Reliable Performance. Minimum Maintenance. Cost-effective Price.

Allied Construction Products, LLC's AR Series™ are built to meet the growing demands of the rental market and to offer an alternative hydraulic hammer to contractors. The AR Series offer reliable performance, minimum maintenance and a cost-effective price. The AR Series are available in eleven different sizes including the newest additions — Model AR 165 and Model AR 175.

The Model AR 165 and Model AR 175 have the same advantages of the other nine sizes (Model AR 70C through Model AR 180C) including:

- Proven design with an optimum combination of weight, power and performance provides years of service
- Easy start with minimal downpressure allows operation in any position
- Steady blow energy for maximum breaking power with every blow

The differences between the other nine models *and* the Model AR 165 and Model AR 175 are:

- High pressure input valve maintains optimum oil flow preventing reverse flow and overflow
- Cylinder and front head joint design provides stable operation and minimal movement
- Shorter length tie rods reduce vibrations which increases tie rod life
- Upper bushing and thrust ring integrated into one single part allows removal from below for both bushings without disassembly of hammer
- Stronger housing structure with reinforced plates that increase protection of the power cell
- Options include BreakerLube® and Underwater Kits

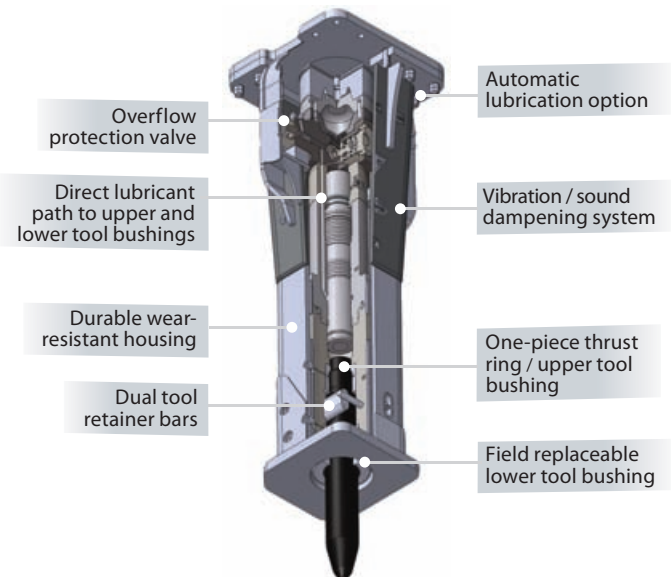


One or more of over 2,500 customized hydraulic kits from Allied provide components for mounting the Model AR 165 and Model AR 175 AR Series hammers on excavators (Model AR 165 on 73,000-90,000 lbs. and Model AR 175 on 88,000-154,000 lbs.).

Demolition of concrete structures, building foundations, pavement trench rock and oversize rock are many of the applications for the Model AR 165 and Model AR 175 AR Series hydraulic hammers. And, with a variety of accessories, rental customers and contractors can put the Model AR 165 and Model AR 175 to work on the job site in more ways than ever before.

Model AR 165 and Model AR 175 Specifications

Model		AR 165	AR 175
Mounting Type		LR9	LR9
Foot Pound Energy Class	ft. lbs.	8000	11000
Operating Ranges			
Frequency Range	bpm	300-450	300-400
Hydraulic Flow Required	gpm	48-77	53-84
	(lpm)	(180-290)	(200-320)
Hydraulic Pressure	psi	1,890-2,180	1,890-2,180
	(bar)	(130-150)	(130-150)
Working Weight	lbs.	6,500	8,270
	(kg)	(2950)	(3750)
Overall Length	in.	120	131
	(cm)	(305)	(333)
Standard Demolition Tool		Chisel	Chisel
Tool Diameter	in.	6.50	6.89
	(mm)	(165)	(175)
Recommended Carrier Weight	lbs.	73,000-90,000	88,000-154,000
Mounting Type Description: LR9-Large Excavator Top-Mounting			



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