



AR Series™

Allied's Model 75B and Model 70C AR Series hydraulic impact hammers

The Allied Model 75B and Model 70C AR Series hammers are built to meet the growing demands of the rental market and to offer an alternative hydraulic hammer to contractors. The AR Series hammers offer reliable performance, minimum maintenance and an attractive price which makes these hammers the perfect match for the rental industry and contractors breaking rock and demolishing concrete.

The AR 75B (BSF) is a 790 pound hydraulic hammer that mounts easily on a loader/backhoe, while the Model 70C (BSF) is a 538 pound hammer that mounts quickly on a mini-excavator. Both adapt easily to a skid-steer with new mounting bracket configurations for increased productivity.

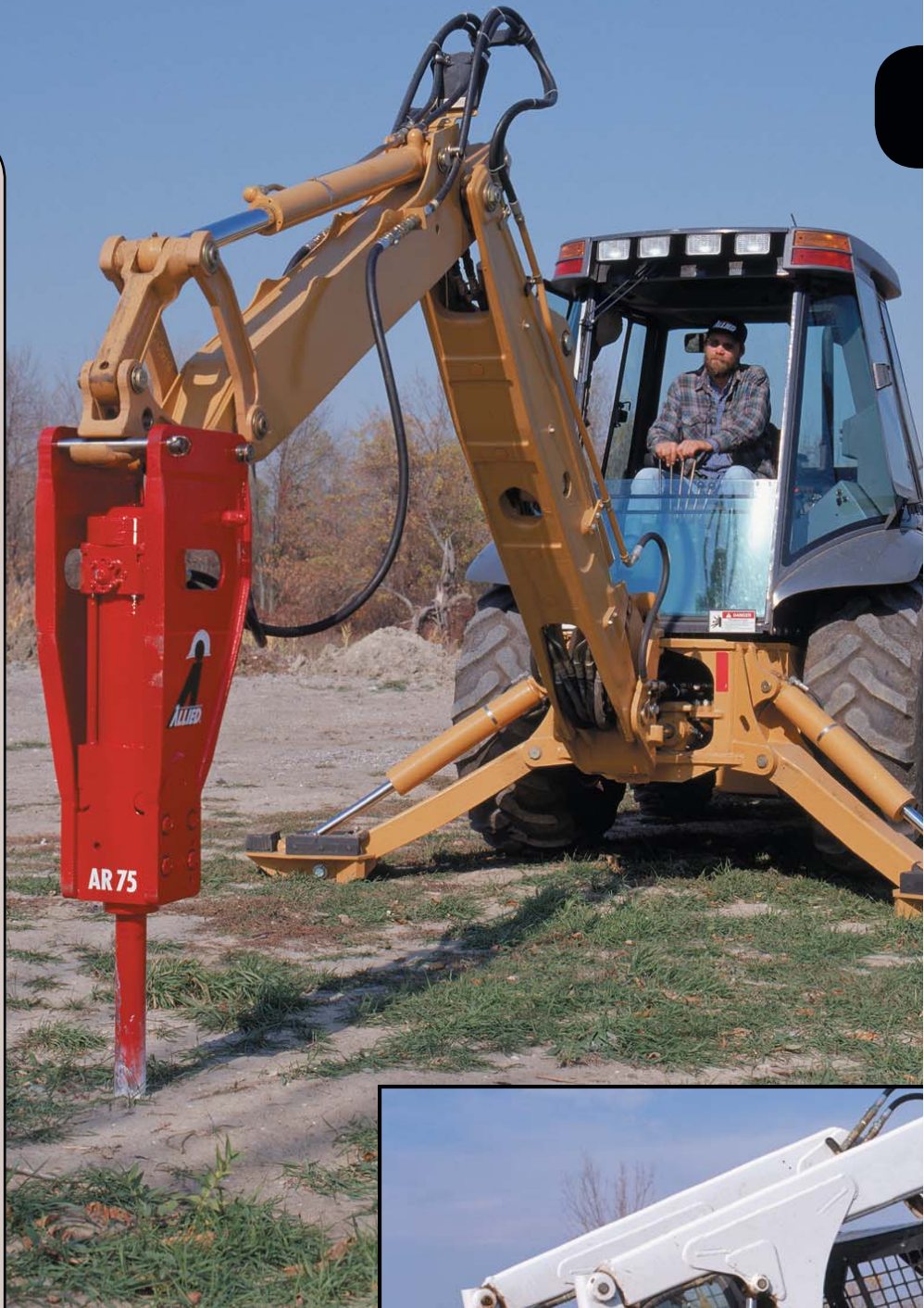
The Model 75B and Model 70C AR Series hammers feature:

- 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
- Conversion brackets allow the hammer to be changed from loader/backhoes to skid-steers in minutes
- Direct mounting to loader/backhoes and skid-steers 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 AR Series on mini-excavators, loader/backhoes and skid-steers. The Model 75B requires 14 to 22 gpm at 1,750 to 1,850 psi and it breaks at a rate of 600 to 1,000 blows per minute. The Model 70C requires 8 to 16 gpm at 1,400 to 1,850 psi and it breaks at a rate of 500 to 950 blows per minute.

The Allied AR Series hammers are available in nine models—Model 160C, Model 140B, Model 130B, Model 120B, Model 110B, Model 95B, Model 85B, Model 75B and Model 70C.

Demolition of concrete structures, building foundations and pavement are many of the applications for the Model 75B and Model 70C AR Series hydraulic hammers. And, with a variety of accessories, rental customers and contractors can put the AR Series hammers to work on the job site in more ways than ever before.



Model AR 75B



Allied AR Series™ Hammers Pay the Rent.



Model AR 70C

Model AR 70C and Model AR 75B Specifications

Model		AR 70C	AR 75B
Mounting Type		SSU, XSF, BSF and BR	SSU, BSF and BR
Foot Pound Energy Class	ft. lbs.	500	750
Operating Ranges			
Frequency	bpm	500-950	600-1,000
Hydraulic Flow Required	gpm (lpm)	8-16 (30-60)	14-22 (53-83)
Hydraulic Pressure	psi (bar)	1,400-1,850 (97-128)	1,750-1,850 (120-128)
Working Weight	lbs. (kg)	1,100 (SSU) (498)	1,200 (SSU) (544)
Overall Length	in. (cm)	57 (SSU) (145)	66 (SSU) (168)
Working Weight	lbs. (kg)	508 (XSF) (230)	790 (BSF) (358)
Overall Length	in. (cm)	54 (XSF) (136)	64 (BSF) (164)
Working Weight	lbs. (kg)	538 (BSF) (245)	NA
Overall Length	in. (cm)	54 (BSF) (136)	NA
Working Weight	lbs. (kg)	640 (BR) (290)	740 (BR) (336)
Overall Length	in. (cm)	50 (BR) (126)	53 (BR) (135)
Standard Demolition Tool		Cross-Cut	Cross-Cut
Tool Diameter	in. (mm)	2.48 (63)	2.95 (75)
Recommended Carrier Weight (Skid-Steer)	lbs.	5,000-8,000	8,000+
Recommended Carrier Weight (Backhoe)	lbs.	9,000-17,000	12,000-25,000
Recommended Carrier Weight (Excavator)	lbs.	7,000-15,000	15,000-30,000
Measured Values			
Energy *	ft. lbs. (joules)	Pending Pending	354 (479)
Frequency	bpm	Pending	730
Hydraulic Flow	gpm (lpm)	Pending Pending	22.7 (86)
Supply Pressure	psi (bar)	Pending Pending	1,808 (125)

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

Mounting Type Descriptions: SSU-Skid-Steer Universal Mounting • XSF-Mini-Excavator Side-Plate Mounting
BSF-Backhoe Side-Plate Mounting • BR-Backhoe Top-Mounting



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