

Hy-Ram[®]

Allied's all-new HR Series hydraulic impact hammers



The Hy-Ram[®] hydraulic hammer — traditional, simple and economical.

Allied Construction Products, LLC, which continues to lead the demolition industry, has combined performance, efficiency and reliability in their all-new boom-mounted Hy-Ram impact hammer to offer several design advantages over other hammer manufacturers.

Oil and gas operation: The pressurized nitrogen gas-assist feature improves the efficiency of the Hy-Ram by reducing demand on the carrier's hydraulic system.

BreakerLube[®] HML (HR 390 and above): Hy-Rams can also have an optional BreakerLube HML mounted on the hammer housing which dispenses lubricant each time the hammer is activated.

Simple, proven design: The simple design makes the Hy-Rams easy to maintain and increases up-time.

Installation Kits: The Hy-Ram, which operates off of the carrier's hydraulic system, may require an installation kit. Allied offers over 2,500 installation kits to fit virtually every make and model carrier.

Underwater Compatible: Underwater operation is possible by connecting a compressed air source to the port provided and using an Allied Underwater Kit.

The Hy-Ram hydraulic impact hammer is available in 10 different models ranging from working weights of 250 to 8,600 pounds and tool diameters of 1.75 to 7.09 inches.

Hy-Ram[®] Specifications

Model		HR 175	HR 230	HR 270	HR 290	HR 330	HR 390	HR 470	HR 560	HR 600	HR 710
Mounting Type		XR	XR	BR	BR	SR	SR	MR	MR	LR9	LR10
Foot Pound Energy Class	ft. lbs.	250	500	750	1000	1400	2500	3000	5000	7000	11000
Operating Ranges											
Frequency Range	bpm	700-1,200	550-1,000	500-1,000	460-900	400-840	450-800	450-900	400-800	250-600	200-450
Hydraulic Flow Required Range	gpm (lpm)	4-10 (15-40)	8-15 (30-60)	10-18 (35-70)	12-23 (45-90)	12-26 (45-100)	22-29 (80-110)	24-36 (90-140)	34-50 (125-190)	48-68 (180-260)	67-87 (250-330)
Hydraulic Pressure Range	psi (bar)	1,160-1,900 (80-130)	1,310-1,900 (90-130)	1,380-2,470 (95-170)	1,380-2,400 (95-165)	1,890-2,610 (130-180)	2,030-2,450 (140-170)	2,180-2,610 (150-180)	2,320-2,610 (160-180)	2,320-2,750 (160-190)	2,320-2,680 (160-185)
Working Weight	lbs. (kg)	250 (110)	490 (220)	650 (295)	950 (430)	1,260 (570)	2,320 (1050)	2,760 (1250)	3,710 (1680)	6,620 (3000)	8,600 (3900)
Overall Length	in. (cm)	36 (91)	46 (117)	52 (132)	59 (150)	74 (188)	79 (201)	86 (218)	94 (238)	110 (279)	127 (323)
Standard Demolition Tool		Conical	Conical	Cross-Cut	Cross-Cut	Cross-Cut	Cross-Cut	Cross-Cut	Cross-Cut	Cross-Cut	Cross-Cut
Tool Diameter	in. (mm)	1.75 (45)	2.34 (60)	2.68 (68)	2.93 (75)	3.35 (85)	3.86 (98)	4.72 (120)	5.51 (140)	6.02 (153)	7.09 (180)
Recommended Carrier Weight (Skid-Steer)	lbs.	NA	NA	NA	8,000+	10,000+	NA	NA	NA	NA	NA
Recommended Carrier Weight (Backhoe)	lbs.	NA	NA	NA	12,000- 25,000	14,000- 25,000	16,000- 25,000	NA	NA	NA	NA
Recommended Carrier Weight (Excavator)	lbs.	2,000- 7,000	6,000- 13,000	8,000- 20,000	13,000- 22,000	13,000- 26,500	20,000- 29,000	29,000- 40,000	40,000- 55,000	62,000- 88,000	88,000- 154,000



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>