



ALLIED[®]

Construction Products, LLC



Profit from our experience



FULL-LINE PRODUCT BROCHURE



Rammer hydraulic impact hammers (Small Range)

Model	Foot Pound Energy Class	Frequency Range	Hydraulic Flow Required Range	Working Weight	Tool Diameter	Recommended Carrier Range
	ft. lbs.	bpm	gpm	lbs.	in.	lbs.
111	150	1,000-2,600	4-9	150	1.42	1,800-4,000
255	200	600-3,200	4-9	240	1.57	2,600-5,500
355	350	800-3,000	7-15	330	1.89	3,500-7,900
455	450	700-2,600	11-19	510	2.20	6,000-11,500
555	500	600-1,800	9-24	610	2.83	7,100-17,600
777	750	500-1,700	11-32	850	3.15	9,500-20,900
999	1,200	500-1,700	13-40	1,110	3.54	12,800-28,700

Features:

- Integrated one-piece tool bushing design includes thrust ring, upper and lower bushing and dust seal all in one
- Vibration dampening prevents carrier damage and improves operator comfort
- No tie rods for less maintenance
- High Heat models available for 555, 777 & 999*



- * Allied's heat resistant hydraulic hammers have been designed to withstand the toughest of applications that these size hammers may be utilized
- Heat Resistant seals and heavy duty housing protect vital components and ensure that no job is too tough

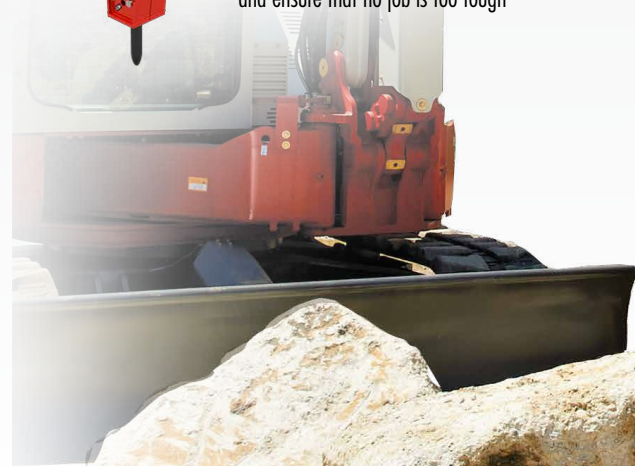


Rammer hydraulic impact hammers (Compact Range)

Model	Foot Pound Energy Class	Frequency Range	Hydraulic Flow Required Range	Working Weight	Tool Diameter	Recommended Carrier Range
	ft. lbs.	bpm	gpm	lbs.	in.	lbs.
108	200	400-1,900	3-8	154-176	4.09	1,800-4,000
211	250	400-1,900	4-11	220-254	4.69	2,600-5,700
315	350	400-1,900	4-13	298-342	5.16	3,500-7,900
522	500	400-1,900	5-19	490-540	5.91	5,500-12,100

Features:

- Unbreakable trapezoidal tool extends service-life
- No tie rods, no tie-bolts and no side-bolts minimize downtime
- No steel tool bushings (one bushing made of composite wear-resistant material) lower operating costs





Rammer hydraulic impact hammers (Large Range)

Model	Foot Pound Energy Class	Frequency Range	Hydraulic Flow Required Range	Working Weight	Tool Diameter	Recommended Carrier Range
	ft. lbs.	bpm	gpm	lbs.	in.	lbs.
2577	5,000	450-750	37-53	3,880	5.31	46,300-66,100
3288	8,000	370-630	42-66	5,290	5.59	57,300-88,200
4099	11,000	400-560	66-93	7,450	6.54	75,000-121,300
5011	13,000	370-530	74-100	10,470	7.48	94,800-176,400
7013	16,000	350-450	79-106	15,430	7.99	132,300-220,500

Features:

- Sound-suppressed housing enhances use in urban areas and provides operator-friendly environment in the cab of carrier
- VIDAT System includes vibration dampened tie rods that extend operating life, reduce operating costs and minimize downtime
- Centralized lubrication system extends service life of the tool and bushings

Rammer hydraulic impact hammers (Mid-Range)

Model	Foot Pound Energy Class	Frequency Range	Hydraulic Flow Required Range	Working Weight	Tool Diameter	Recommended Carrier Range
	ft. lbs.	bpm	gpm	lbs.	in.	lbs.
1322	1,600	500-1,000	16-32	1,875	3.74	19,800-33,100
1655	2,500	540-920	24-34	2,380	4.53	26,500-44,100
2166	3,500	430-790	32-48	3,090	4.92	39,700-57,300

Features:

- Slim housing provides operator with good visibility and better accessibility in trenching and demolition applications
- Safety valve protects the hammer from damage due to excessive hydraulic input
- VIDAT System includes vibration dampened tie rods that extend operating life, reduce operating costs and minimize downtime



Hy-Ram[®] hydraulic impact hammers (Small Range)

Model	Foot Pound Energy Class	Frequency Range	Hydraulic Flow Required Range	Working Weight	Tool Diameter	Recommended Carrier Range
	ft. lbs.	bpm	gpm	lbs.	in.	lbs.
HR03	350	450-1,400	4-11	332	1.77	3,300-6,600
HR05	500	500-1,350	7-13	402	2.09	4,400-8,800
HR09	800	450-950	9-19	752	2.68	8,800-18,700
HR14	1,000	400-950	12-23	937	2.95	13,200-22,000

Features:

- Nitrogen accumulator protects carrier's hydraulics for lower repair costs
- Hy-Ram's[®] vibration dampening system creates less vibration/damage to the carrier
- The easy to service Hy-Ram[®] allows for less downtime and more production, which equates to lower owning & operating costs for the customer



Hy-Ram[®] hydraulic impact hammers (Mid-Range and Large Range)

Model	Foot Pound Energy Class	Frequency Range	Hydraulic Flow Required Range	Working Weight	Tool Diameter	Recommended Carrier Range
	ft. lbs.	bpm	gpm	lbs.	in.	lbs.
HR22	2,500	450-750	21-29	1,989	3.94	22,000-35,300
HR33	3,500	280-760	26-37	2,723	4.72	33,100-50,700
HR44	5,000	390-700	34-45	3,616	5.31	44,100-63,900
HR60	7,000	400-700	40-53	5,075	5.91	59,500-88,200

Features:

- Idle Blow Protection (HR33, HR44, HR60) prevents idle strokes, which avoids internal stress extending life span, and driving to lower owning and operating costs
- Optional automatic greasing systems for HR33, HR44 & HR60. Easy to install, protects from premature wear of critical hammer components in order to keep peak performance and extended life span



Ho-Pac[®] vibratory compactor/drivers

Model	Impulse Force	Cycles Per Minute	Hydraulic Flow Required Range	Base Plate Dimensions	Recommended Carrier Weight
	lbs.		gpm	in.	lbs.
400B	4,000	2,000	6/9/14/18	13 x 25	3,000-12,000
700B	6,400	2,000	6/9/14/18	18 x 27	8,000-20,000
1000B	8,000	2,000	12/18/21	24 x 28	9,000-30,000
1600	16,000	2,100	25/30/43	29 x 32	19,000-45,000
2300	24,000	2,100	47	34 x 36	35,000-120,000
4000	40,000	2,100	62/86	42 x 48	77,000-150,000

Features:

- Larger eccentric with mass further away from shaft centerline helps to increase impulse and compaction force
- Sealed bearings (Model 400B, Model 700B and Model 1000B) or oil splash bearing (Model 1600, Model 2300 and Model 4000) provide maintenance-free (no greasing) lubrication
- Four-function valve controls flow, pressure, regeneration and oil flow direction



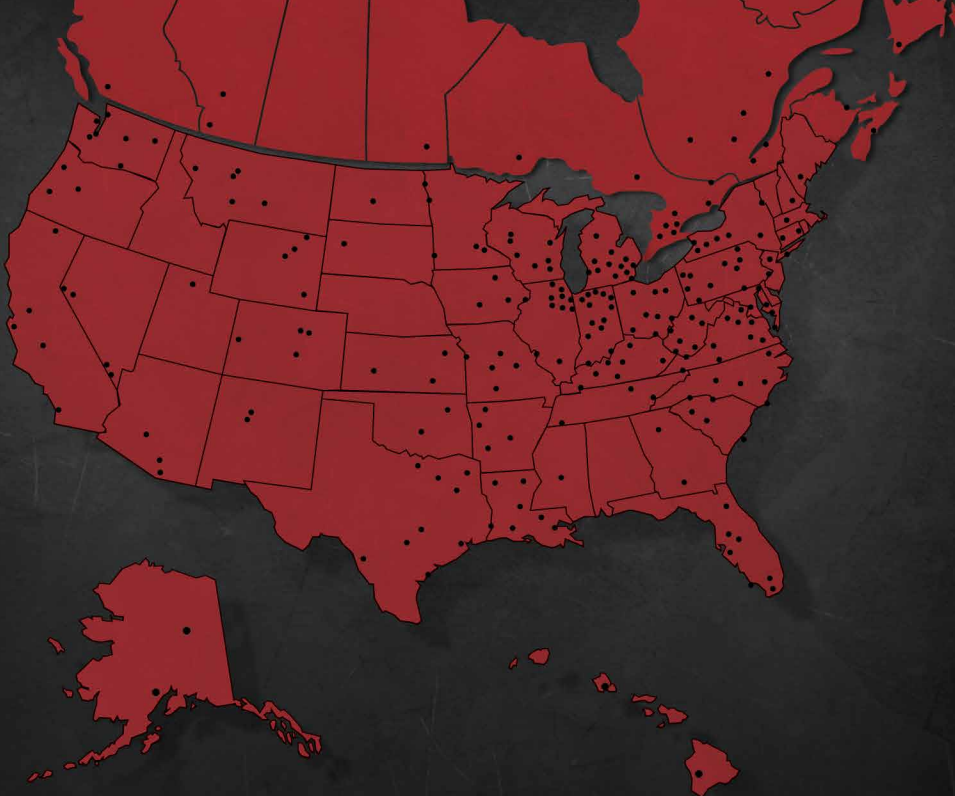
Skid-Pac[™] vibratory compactors

Model	Impulse Force	Cycles Per Minute	Hydraulic Flow Required Range	Base Plate Dimensions	Recommended Carrier Weight
	lbs.		gpm	in.	lbs.
1000B	8,000	2,000	12/18/21	18 x 72	4,000(Minimum)

Features:

- Nine square foot base plate covers the outside width of the skid-steer tires or compact track loader tracks to eliminate marks in the soil
- The "beveled" front and back edges of the base plate "push" the soil to assist in the leveling of the sub bases





Allied Distributors are personally selected by the Allied staff and periodically reviewed to make sure they are offering the best, most informative service possible. They have made a commitment to Allied by being fully-prepared with repair tools,

knowledge and the best replacement parts in the business. Through this partnership, Allied continues to change with the markets and meets demands by supplying innovative and improved products to the end-users.



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