

**Ram  
mer®**



# **HO-PAC® VIBRATORY COMPACTOR DRIVERS**



## EVERY HIT COUNTS

Rammer Ho-Pac compactor/drivers save you time, money and increase your job productivity by expanding the versatility of your equipment and eliminating the need for special purpose machines, such as walk-behind plate compactors or ride-on rollers.

Not only can you use the attachment to compact soil on the job site, but, depending on model, it can also be used to drive pilings, aluminum sea walls, wood and steel sheeting, beams, pipe and posts.

Initially conceived as a backhoe-mounted attachment, today's Ho-Pac line is comprised of many models designed to be mounted on a variety of carriers including mini-excavators, rubber-tired backhoes, excavators and even trenchers with a backhoe attachment.







## SMALL RANGE

Ho-Pac 400B and 700B models are designed for use on mini-excavators, skid-steers, rubber-tired backhoes, and trenchers with a backhoe attachment.

They can compact in 2- and 3-foot\* lifts and operate with an impulse force of 4,000 and 6,400 lbs. at 2,000 cycles per minute with a minimum of 6, 9, 14, or 18 gpm from the carrier.

\*Depending upon job and soil conditions.

- New eccentric housing design encloses and protects motor
- Larger eccentric with mass further away from shaft centerline helps to increase impulse force
- Longer base plate (13" x 25" & 18" x 27") provides greater compaction area
- New hose routing for better protection
- Four motor options offer versatility in matching carriers
- New bearings provide maintenance-free lubrication
- Four-function valve controls flow, pressure, regeneration and oil flow direction
- Optional backfill blades and custom sized base plates are available



SMALL RANGE

400B



400B

Mounting Type	IN1/IN2/XR
Impulse force, lb (N)	4,000 (17,793)
Cycle Per Minute	2,000
Hydraulic Flow Required Range, gpm (lpm)	6/9/14/18 (23/34/53/68)
Maximum Hydraulic Pressure Range, psi (bar)	2,800/2,800/2,500/2,000 (193/193/172/138)
Working Weight, lb (kg)	500 (227)
Base Plate Dimensions, in (cm)	13 x 25 (33 x 63.5)
Recommended Carrier Weight, lb	3,000 - 12,000

700B



700B

Mounting Type	XR/BR
Impulse force, lb (N)	6,400 (28,469)
Cycle Per Minute	2,000
Hydraulic Flow Required Range, gpm (lpm)	6/9/14/18 (23/34/53/68)
Maximum Hydraulic Pressure Range, psi (bar)	2,800/2,800/2,500/2,000 (193/193/172/138)
Working Weight, lb (kg)	750 (363)
Base Plate Dimensions, in (cm)	18 x 27 (363)
Recommended Carrier Weight, lb	8,000 - 20,000





## MEDIUM RANGE

Ho-Pac 1000C model fits nearly all small to medium rubber-tired loader/backhoes, while the Ho-Pac model 1600 fits virtually all larger loader/backhoes and small to medium excavators. The 1000CS model is designed specifically for skid steers. All hydraulic attachments operate off the machine's hydraulic system with the 1000C and 1000CS requiring a 12, 18, or 21 gpm of oil flow and the 1600 requiring an oil flow of 25, 30, or 43 gpm, depending on maximum carrier flow.

The 1000C and 1000CS models compact in densities in excess of 95% proctor and in lifts 3-feet\*. More efficient and less expensive to operate than men with hand-held tampers, they can compact 30 or more cubic yards per hour. Their 8,000 pounds of impulse force at 2,000 cycles per minute makes it an ideal compactor and driver using either an 18" (optional) or 24" base plate.

Ho-Pac 1600 model is interchangeable with the machine's bucket in minutes. Using impulse force, down pressure, and vibration, it compacts most types of soil in lifts of 4-feet\* and in densities of excess 95% Proctor with a 29" or 24" (optional) base plate. Also, the 1600 is widely used for driving wood and steel sheeting, H and I beams, piling and aluminum sea walls.

\*Depending on job and soil conditions

- Larger eccentric with mass further away from shaft centerline helps to increase impulse and compaction force
- Sealed bearings provide maintenance-free (no greasing) lubrication on 1000C and 1000CS models
- New hose routing for better protection against sheared or damaged hoses
- Worry-free "plug-and-go" installation
- Tough-coat hoses prevent cuts and extend wear-life
- Four-function valve controls flow, pressure, regeneration and oil flow direction
- Optional backfill blades and custom sized base plates are available



1000C  
1000CS  
1600



## MEDIUM RANGE

### 1000C

Mounting Type	BR/SR
Impulse force, lb (N)	8,000 (35,586)
Cycle Per Minute	2,000
Hydraulic Flow Required Range, gpm (lpm)	12/18/21 (45/68/79)
Maximum Hydraulic Pressure Range, psi (bar)	2,800/2,000/2,000 (193/138, 138)
Working Weight, lb (kg)	1,200 (544)
Base Plate Dimensions, in (cm)	24 x 28 (61 x 71)
Recommended Carrier Weight, lb	9,000 - 30,000

### 1000CS

Mounting Type	Universal Skid-Steer Mount
Impulse force, lb (N)	8,000 (35,586)
Cycle Per Minute	2,000
Hydraulic Flow Required Range, gpm (lpm)	12/18/21 (45/68/79)
Maximum Hydraulic Pressure Range, psi (bar)	2,800/2,000/2,000 (193/138, 138)
Working Weight, lb (kg)	1,200 (544)
Base Plate Dimensions, in (cm)	18 x 72 (46 x 183)
Recommended Carrier Weight, lb	4,000 (Minimum)

### 1600

Mounting Type	SR/MR
Impulse force, lb (N)	16,000 (71,170)
Cycle Per Minute	2,100
Hydraulic Flow Required Range, gpm (lpm)	25/30/43 (95/114/163)
Maximum Hydraulic Pressure Range, psi (bar)	3,000/3,000/2,600 (207/207/180)
Working Weight, lb (kg)	1,900 (862)
Base Plate Dimensions, in (cm)	29 x 32 (74 x 81)
Recommended Carrier Weight, lb	19,000 - 45,000





## LARGE RANGE

Designed to be the most advanced and productive vibratory compactor/driver available to contractors, the Ho-Pac 2300 and 4000 models offer unmatched performance.

The large range Ho-Pac models are capable of compacting in 4- to 5-foot\* lifts to densities in excess of 95% proctor with either a 34" or optional 28" base plates on the 2300 model or the 42" x 48" base plate on the 4000 model.

And, as a driver, both models are unmatched for handling sheeting, both wood and steel, and for driving beams, pipe, posts, sea walls, and piling.

\*Depending upon job and soil conditions

- Larger eccentric with mass further away from shaft centerline helps to increase impulse and compaction force
- Oil splash bearings provide maintenance-free (no greasing) lubrication
- New hose routing for better protection against sheared or damaged hoses
- Worry-free "plug-and-go" installation
- Tough-coat hoses prevent cuts and extend wear-life
- Four-function valve controls flow, pressure, regeneration and oil flow direction
- Optional backfill blades and custom sized base plates are available



LARGE RANGE

2300



2300

Mounting Type	MR/LR8
Impulse force, lb (N)	24,000 (106,760)
Cycle Per Minute	2,100
Hydraulic Flow Required Range, gpm (lpm)	47 (178)
Maximum Hydraulic Pressure Range, psi (bar)	2,200 (152)
Working Weight, lb (kg)	2,800 (1,270)
Base Plate Dimensions, in (cm)	34 x 36 (86 x 91)
Recommended Carrier Weight, lb	35,000 - 120,000

4000



4000

Mounting Type	LR9
Impulse force, lb (N)	40,000 (178,000)
Cycle Per Minute	2,100
Hydraulic Flow Required Range, gpm (lpm)	62/86 (235/325)
Maximum Hydraulic Pressure Range, psi (bar)	2,200/2,200 (152/152)
Working Weight, lb (kg)	4,900 (2,222)
Base Plate Dimensions, in (cm)	42 x 48 (107 x 122)
Recommended Carrier Weight, lb	77,000 - 150,000



**YOUR LOCAL RAMMER DEALER**



Sandvik Rock Processing Solutions North America  
Cleveland, OH 44114  
Phone (216) 431-2600  
[alliedcp.com](http://alliedcp.com)