



HO-PACS®



SMALL RANGE

400B 700B

The Model 400B & 700B Ho-Pacs® are designed for use on mini-excavators, skid-steers, rubber-tired backhoes and trenchers with a backhoe attachment.

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

*Depending upon job and soil conditions.

FEATURES

- 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 provides maintenance-free lubrication
- Four-function valve controls flow, pressure, regeneration and oil flow direction
- Custom sized base plates are available, please contact Allied for further info



(400B)



(700B)

MEDIUM RANGE

1000B Skid-Pac 1000B

The Model 1000B Ho-Pac® fits nearly all small to medium rubber-tired loader/backhoes. This hydraulic attachment operates off the tractor's hydraulic system and requires 12 gpm, 18 gpm or 21 gpm of oil flow.

It compacts in densities in excess of 95% Proctor and in lifts of 2 to 4 feet*. More efficient and less expensive to operate than men with hand-held tampers, the Model 1000B can compact 30 or more cubic yards per hour.

Its 8,000 pounds of impulse force at 2,000 cycles per minute makes it an ideal compactor and driver using either a 18" (optional) or 24" base plate.

FEATURES

- Larger eccentric with mass further away from shaft centerline helps to increase impulse and compaction force
- Sealed 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
- Custom sized base plates are available, please contact Allied for further info



(1000B)



(1000B Skid-Pac)

Model		400B	700B
Mounting Type		IN1/IN2/XR	XR/BR
Impulse Force	lbs. (N)	4,000 (1,814)	6,400 (28,470)
Cycle Per Minute		2,000	2,000
Hydraulic Flow Required Range	gpm (lpm)	6/9/14/18 (23/34/53/68)	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)	2,800/2,800/2,500/2,000 (193/193/172/138)
Working Weight	lbs. (kg)	375 (170)	610 (276)
Base Plate Dimensions	in. (cm)	13 x 25 (33 x 63.5)	18 x 27 (41 x 68.5)
Recommended Carrier Weight	lbs.	3,000-12,000	8,000-20,000

Model		1000B	1000B Skid-Pac
Mounting Type		BR / SR	Universal Skid-Steer Mount
Impulse Force	lbs. (N)	8,000 (35,586)	8,000 (35,586)
Cycle Per Minute		2,000	2,000
Hydraulic Flow Required Range	gpm (lpm)	12/18/21 (45/68/79)	12/18/21 (45/68/79)
Maximum Hydraulic Pressure Range	psi (bar)	2,800/2,000/2,000 (193/138/138)	2,800/2,000/2,000 (193/138/138)
Working Weight	lbs. (kg)	950 (430)	1,110 (503)
Base Plate Dimensions	in. (cm)	24 x 28 (61 x 71)	18 x 72 (46 x 183)
Recommended Carrier Weight	lbs.	9,000-30,000	4,000 (Minimum)

MEDIUM RANGE

CONT'D

1600

The Model 1600 fits virtually all larger loader/backhoes and small to medium excavators. This hydraulic attachment, which interchanges with the machine's bucket in minutes, operates off the machine's hydraulic system and requires an oil flow of 25, 30 or 43 gpm depending on maximum carrier flow.

Using impulse force, down pressure and vibration, it compacts most types of soil in lifts of 3 to 5 feet* and in densities in excess of 95% Proctor with a 29" or 24" (optional) base plate.

And, the Model 1600 is widely used for driving wood and steel sheeting, H and I beams, piling and aluminum sea walls.

**Depending upon job and soil conditions.*

FEATURES

- 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
- Custom sized base plates are available, please contact Allied for further info



LARGE RANGE

2300

Designed to be the most advanced and productive vibratory compactor/driver available to contractors, the Model 2300 offers unmatched performance.

It has the capability of compacting in 4 to 6 foot lifts* to densities in excess of 95% Proctor with either a 34" or 28" (optional) base plate. Production is over 160 cubic yards per hour.

And, as a driver, the Model 2300 Ho-Pac is unmatched for handling sheeting—both wood and steel—and for driving beams, pipe, posts, sea walls and piling.

**Depending upon job and soil conditions.*

FEATURES

- 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
- Custom sized base plates are available, please contact Allied for further info



Model	1600	
Mounting Type	SR / MR	
Impulse Force	lbs. (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	lbs. (kg)	1,565 (710)
Base Plate Dimensions	in. (cm)	29 x 32 (74 x 81)
Recommended Carrier Weight	lbs.	19,000-45,000

Model	2300	
Mounting Type	MR / LR8	
Impulse Force	lbs. (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	lbs. (kg)	2,216 (1,005)
Base Plate Dimensions	in. (cm)	34 x 36 (86 x 91)
Recommended Carrier Weight	lbs.	35,000-120,000

LARGE RANGE

CONT'D

4000

Designed to be the most advanced and productive vibratory compactor/driver available to contractors, the Model 4000 offers unmatched performance.

It has the capability of compacting in 4 to 6 foot lifts* to densities in excess of 95% Proctor with a 42" x 48" base plate.

And, as a driver, the Model 4000 Ho-Pac is unmatched for handling sheeting — both wood and steel — and for driving beams, pipe, posts, sea walls and piling.

**Depending upon job and soil conditions.*

FEATURES

- Larger eccentric with mass further away from shaft centerline helps to increase impulse and compaction force
- New hose routing for better protection against sheared or damaged hoses
- Oil splash bearings provide maintenance-free (no greasing) lubrication
- 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
- Custom sized base plates are available, please contact Allied for further info



All Allied Ho-Pacs® come fully CE compliant, and are manufactured in accordance with Allied's Quality control standards. Each Ho-Pac® is tested and analyzed for safe design and operation, ensuring the quality from the factory to the point of installation.

Model		4000
Mounting Type		LR9
Impulse Force	lbs. (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	lbs. (kg)	4,900 (2,222)
Base Plate Dimensions	in. (cm)	42 x 48 (107 x 122)
Recommended Carrier Weight	lbs.	77,000-150,000

