

# Ho-Pac<sup>®</sup>

Allied's all new Model 300B and Model 500B hydraulic vibratory compactor/drivers



# The extreme Ho-Pac®— introducing a new generation of compacting.

Allied Construction Products, LLC's continuous product improvement has now made a highly successful product—the Ho-Pac—even better with introduction of the Model 300B and 500B. The new models now deliver more impact energy, longer base plates, a four-function valve, three to four motor options **and all-new, maintenance-free sealed bearings.**

Allied pioneered the concept of the hydraulically-operated vibratory compactor/driver. Using an eccentric, rotating weight that creates vibration and impulse energy, the carrier-mounted Ho-Pac provides the needed forces for effective soil compaction and driving.

Rugged. Versatile. Reliable. The Model 300B and Model 500B are small, but pack plenty of power and perform a variety of jobs efficiently. Designed for use on mini-excavators, rubber-tired backhoes and trenchers with backhoe attachment, these models are ideal for narrow trench work. It can compact to 2 to 3 foot\* lifts and operate with impulse force of 3,000 (300B) pounds/5,000 (500B) pounds at 2,000 cycles per minute with a minimum gpm (6, 9, 14 or 18 for 300B and 9, 14 or 18 for 500B) from the carrier.

Model 300B and Model 500B Ho-Pac advantages include:

- 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 (12" x 22" or 13" x 27") provides greater compaction area
- New hose routing for better protection
- Three or 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

The Allied Model 300B and Model 500B Ho-Pacs operate off of the machine's own hydraulic system and reaches out to work anywhere the machine's boom can reach. And, the Ho-Pac interchanges with the machine's bucket in minutes. An optional swivel-top mounting bracket permits precise positioning of the Ho-Pac without repositioning the carrier.

Whatever the application, whatever the demands, Allied's Model 300B and Model 500B will stand the test.

\* Depending upon job and soil conditions.

\*\*Select the configuration which best matches maximum carrier flow.

\*\*\*Varies with the motor. \*\*\*\*Optional.

Mounting Type Descriptions:

XSF-Mini-Excavator Side-Frame Mounting

XR-Mini-Excavator Top-Mounting



## Model 300B and Model 500B Specifications

| Model                                    |       | 300B                           | 500B                     |
|--|-------|--------------------------------|--------------------------|
| Mounting Type                            |       | XSF/IN 1-IN 2-XR               | XSF/IN 1-IN 2-XR         |
| Impulse Force                            | lbs.  | 3,000                          | 5,000                    |
|  | (n)   | (13340)                        | (22240)                  |
| Cycles Per Minute                        |       | 2,000                          | 2,000                    |
| Hydraulic Flow Required                  | gpm   | 6/9/14/18**                    | 9/14/18**                |
|  | lpm   | (23)(34)(53)(68)               | (34)(53)(68)             |
| Hydraulic Pressure                       | psi   | 2,800/2,800/<br>2,500/2,000*** | 2,800/2,500/<br>2,000*** |
|  | (bar) | (193)(193)<br>(172)(138)       | (193)(172)<br>(138)      |
|  |       |                                |                          |
| Working Weight (XFS)<br>w/o mounting kit | lbs.  | 310                            | 415                      |
|  | (kg)  | (141)                          | (188)                    |
| Working Weight (XR)<br>w/o mounting kit  | lbs.  | 305                            | 435                      |
|  | (kg)  | (138)                          | (197)                    |
| Height (XSF)                             | in.   | 23                             | 25                       |
|  | (cm)  | (59)                           | (61)                     |
| Base Plate Dimensions                    | in.   | 12 x 22                        | 13 x 27                  |
|  | (cm)  | (31 x 56)                      | (33 x 69)                |
| Space Inside Bracket (XSF)<br>(Pin-on)   | in.   | 6.68                           | 6.68                     |
|  | (cm)  | (17)                           | (17)                     |
| Mounting Pin Diameter<br>(Pin-on)        | in.   | 0.98-1.97                      | 0.98-1.97                |
|  | (mm)  | (25-50)                        | (25-50)                  |
| Space Inside Bracket (XR)<br>(Bolt-on)   | in.   | Varies                         | Varies                   |
|  | (cm)  | Varies                         | Varies                   |
| Mounting Pin Diameter<br>(Bolt-on)       | in.   | Varies                         | Varies                   |
|  | (mm)  | Varies                         | Varies                   |
| Swivel-Top Mounting Bracket****          |       |                                |                          |
| Weight                                   | lbs.  | 165                            | 165                      |
|  | (kg)  | (75)                           | (75)                     |
| Additional Height                        | in.   | 10.7                           | 10.7                     |
|  | (cm)  | (27)                           | (27)                     |
| Recommended Carrier<br>Weight            | lbs.  | 3,000-12,000                   | 6,000-15,000             |

For sales and service, contact your Allied Distributor:



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