



**Ho-Pac<sup>®</sup>**

Allied's all new Model 500 hydraulic vibratory compactor/driver



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

Allied's continuous product improvement has now made a highly successful product—the Ho-Pac®—even better with the introduction of the Model 500. The Model 500 now delivers 30% more impact energy, a longer base plate, a four-function valve, three motor options and oil splash bearing lubrication.

Allied pioneered the concept of the hydraulically-operated Ho-Pac® 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.

Model 500—ideal for narrow trench work

Rugged. Versatile. Reliable. The Model 500 is small, but packs plenty of power and performs a variety of jobs efficiently. Designed for use on mini-excavators, rubber-tired backhoes and trenchers with backhoe attachment, the Model 500 with a 12" wide base plate is ideal for narrow trench work. It can compact to 2 to 4 foot\* lifts and operates with an impulse force of 3,940 pounds at 2,000 cycles per minute with a minimum gpm (9, 14 or 18) from the carrier.

Ho-Pac Model 500 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 27") provides greater compaction area
- 30% more impact energy decreases compaction times
- New hose routing for better protection
- Three motor options (9 gpm, 14 gpm and 18 gpm) offer versatility in matching carriers
- Base plate can be unbolted easily to allow replacement with a different size or custom attachment
- Oil splash provides maintenance-free lubrication
- Four-function valve controls flow, pressure, regeneration and oil flow direction

The Allied Model 500 Ho-Pac operates 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 500 will stand the test.

\*Depending upon job and soil conditions.



Hoses have been re-positioned



Oil splash bearing protection



Three motor options are available



Four-function valve is well protected

## Ho-Pac Model 500 Specifications

| Model                                   | 500          | 500               | 500               |
|---|--------------|-------------------|-------------------|
| Mounting Type                           | XSF          | BSF               | XCS/BCS           |
| Impulse Force                           | lbs.<br>(n)  | 3,940<br>(17,530) | 3,940<br>(17,530) |
| Cycles Per Minute                       |              | 2,000             | 2,000             |
| Hydraulic Flow Required                 | gpm<br>(lpm) | 9<br>(34)         | 14<br>(53)        |
| Hydraulic Pressure                      | psi<br>(bar) | 2,800<br>(193)    | 2,500<br>(172)    |
| Working Weight                          | lbs.<br>(kg) | 489<br>(222)      | 513<br>(233)      |
| Height                                  | in.<br>(cm)  | 26<br>(66)        | 26<br>(66)        |
| Base Plate Dimensions                   | in.<br>(cm)  | 12x27<br>(30x69)  | 12x27<br>(30x69)  |
| Space Inside Bracket                    | in.<br>(cm)  | 6.67<br>(169)     | 10.25<br>(260)    |
| Mounting Pin Diameter                   | in.<br>(mm)  | —<br>(*)          | 1.50/1.75<br>—    |
| Swivel-Top Mounting Bracket**<br>Weight | lbs.<br>(kg) | NA<br>NA          | 195<br>(88)       |
| Additional Height                       | in.<br>(cm)  | NA<br>NA          | 9<br>(23)         |
| Recommended Carrier Weight              | lbs.         | 6,000-15,000      | 9,000-15,000      |

\* Various pin diameters available. \*\*Optional

Mounting Type Descriptions:

- XSF-Mini-Excavator Side-Frame Mounting
- BSF-Backhoe Side-Frame Mounting
- XCS-Mini-Excavator Top-Mounting
- BCS-Backhoe Top-Mounting

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