



# HALF/PACK<sup>®</sup> With Odyssey<sup>™</sup> Hydraulic Controls



| Performance Specifications |          | @ idle                             | @ 1,200 RPM   |
|----------------------------|----------|------------------------------------|---------------|
| Container Dump Cycle Time  | up       | 10-12 seconds                      | 7-8 seconds   |
|                            | complete | 20-23 seconds                      | 14-17 seconds |
| Packer Cycle Time          |          | 20-23 seconds @ idle               |               |
| Arms Lifting Capacity      |          | 8,000 lbs. (tested to 16,000 lbs.) |               |
| Compaction Force           |          | 117,000 lbs.                       |               |

| Hydraulic Specifications   |  |
|----------------------------|--|
| <b>PUMP</b>                |  |
| Type                       | Single Vane  |
| Maximum Operating Pressure | 2,500 psi  |
| Working RPM                | 1,300 RPM approx.  |
| Flow at Working RPM        | 50 GPM   |
| <b>OIL RESERVOIR</b>       |  |
| Tank Capacity (net)        | 41 gallons   |
| Filters                    | 3 micron return filter with in-cab filter monitor;<br>100 mesh reusable suction screen   |
| <b>VALVES</b>              |  |
| Type                       | Multi-section stack valve, 50 GPM @ 2,500 psi<br>relief valve to prevent overload damage |

All designs, specifications, and components are subject to change at the manufacturer's sole discretion at any time without notice. Data published herein is for information purposes only and shall not be construed to warrant suitability of the unit for any particular purpose, as performance may vary with the conditions encountered. The only warranty is our standard written Warranty Statement for this product at the time of shipment.

| Chassis Requirements | 20 yd <sup>3</sup> |             | 23 yd <sup>3</sup> | 28 yd <sup>3</sup> | 32 yd <sup>3</sup> |                |
|----------------------|--------------------|-------------|--------------------|--------------------|--------------------|----------------|
|                      | Single axle w/ Tag | Tandem axle |                    |                    |                    |                |
| Usable CT            | in.                | 160 in.     | 154-160 in.        | 148 to 160 in.     | 172 to 190 in.     | 184 to 190 in. |
|                      | mm                 |             |                    |                    |                    |                |
| Wheel Base           | in.                | 185 in.     | 179-185 in.        | 179 to 185 in.     | 197 to 215 in.     | 209 to 215 in. |
|                      | mm                 |             |                    |                    |                    |                |
| GVWR                 | lbs.               | 54,000 lbs. | 54,000 lbs.        | 60,000 lbs.        | 64,000 lbs.        | 66,000 lbs.    |
|                      | kg                 |             |                    |                    |                    |                |
| Minimum GVWR (F)*    | lbs.               | 20,000 lbs. | 20,000 lbs.        | 20,000 lbs.        | 20,000 lbs.        | 20,000 lbs.    |
|                      | kg                 |             |                    |                    |                    |                |
| Minimum GAWR (R)*    | lbs.               | 30,000 lbs. | 30,000 lbs.        | 40,000 lbs.        | 46,000 lbs.        | 48,000 lbs.    |
|                      | kg                 |             |                    |                    |                    |                |
| Minimum Platform     | in.                | 227         | 227                | 227                | 259                | 277            |
|                      | mm                 |             |                    |                    |                    |                |

\*Typical recommended specifications. Specific specifications are dependent on chassis weight, wheelbase, and expected payload. Chassis must comply with Heil's chassis layout requirements, or body will not be mounted.

| Body Specifications           |           | 20 yd <sup>3</sup> | 23 yd <sup>3</sup> | 28 yd <sup>3</sup> | 32 yd <sup>3</sup> |         |
|-------------------------------|-----------|--------------------|--------------------|--------------------|--------------------|---------|
| Body Capacity                 |           | 20 yd <sup>3</sup> | 23 yd <sup>3</sup> | 28 yd <sup>3</sup> | 32 yd <sup>3</sup> |         |
| Hopper Capacity               |           | 12 yd <sup>3</sup> | 12 yd <sup>3</sup> | 12 yd <sup>3</sup> | 12 yd <sup>3</sup> |         |
| Gross Capacity                |           | 32 yd <sup>3</sup> | 35 yd <sup>3</sup> | 40 yd <sup>3</sup> | 44 yd <sup>3</sup> |         |
| Gross Weight (approx.)        | lbs.      | 18,000 lbs.        | 18,100 lbs.        | 19,300 lbs.        | 20,000 lbs.        |         |
|                               | kg        |                    |                    |                    |                    |         |
| Overall Length <sup>(a)</sup> | in.       | 364 in.            | 383 in.            | 415 in.            | 433 in.            |         |
|                               | mm        |                    |                    |                    |                    |         |
| Overall Width                 | in.       | 96 in.             | 96 in.             | 96 in.             | 96 in.             |         |
|                               | mm        |                    |                    |                    |                    |         |
| Overall Height <sup>(a)</sup> | Arms Down | in.                | 107 in.            | 107 in.            | 107 in.            |         |
|                               |           | mm                 |                    |                    |                    |         |
|                               | Arms Up   | in.                | 120 in.            | 120 in.            | 120 in.            | 120 in. |
|                               |           | mm                 |                    |                    |                    |         |
| Hopper Opening                | in.       | 83 in. x 93 in.    | 83 in. x 93 in.    | 83 in. x 93 in.    | 83 in. x 93 in.    |         |
|                               | mm        |                    |                    |                    |                    |         |

<sup>(a)</sup> Arms Down, Forks Tucked    <sup>(b)</sup> Above Frame

| Cylinder Specifications |                                      | 20 yd <sup>3</sup> | 23 yd <sup>3</sup> | 28 yd <sup>3</sup> | 32 yd <sup>3</sup> |         |         |
|-------------------------|--------------------------------------|--------------------|--------------------|--------------------|--------------------|---------|---------|
| <b>Body Cylinders</b>   | <b>Type</b>                          | <b>Bore</b>        |                    |                    |                    |         |         |
| Packer                  | (2) 3-Stage Double Acting Telescopic | in.                | 5.5 in.            | 5.5 in.            | 5.5 in.            | 5.5 in. |         |
|                         |                                      | mm                 |                    |                    |                    |         |         |
| ARM                     | (2) Double Acting                    | in.                | 4.5 in.            | 4.5 in.            | 4.5 in.            | 4.5 in. |         |
|                         |                                      | mm                 |                    |                    |                    |         |         |
| Forks                   | (2) Double Acting                    | in.                | 4.0 in.            | 4.0 in.            | 4.0 in.            | 4.0 in. |         |
|                         |                                      | mm                 |                    |                    |                    |         |         |
| Top door                | (1) Double Acting                    | in.                | 2.8 in.            | 2.8 in.            | 2.8 in.            | 2.8 in. |         |
|                         |                                      | mm                 |                    |                    |                    |         |         |
| Tailgate                | (2) Double Acting Each               | Raise              | in.                | 3.1 in.            | 3.1 in.            | 3.1 in. | 3.1 in. |
|                         |                                      |                    | mm                 |                    |                    |         |         |
|                         |                                      | Lock               | in.                | 3.0 in.            | 3.0 in.            | 3.0 in. | 3.0 in. |
|                         |                                      |                    | mm                 |                    |                    |         |         |

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