



# HALF/PACK® ODYSSEY RESIDENTIAL



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; 100 mesh reusable suction screen
<b>VALVES</b>	
Type	Multi-section stack valve, 50 GPM @ 2,500 psi 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.
			mm			
		Lock	in.	3.0 in.	3.0 in.	3.0 in.
			mm			

2030 Hamilton Place Blvd., Suite 200, Chattanooga, TN 37421  
 866.FOR.HEIL (866.367.4345) • Fax: 423.855.3478  
 www.heil.com

© 2013, Heil Environmental, Printed in the U.S.A.  
 FORM #SWS-000002-012113

NJPA Contract #060612-ESG

