

HALF/PACK® ODYSSEY RESIDENTIAL



THE WHEELS ARE ALWAYS TURNING
A DODGE COMPANY



**LOAD-SENSE
PISTON PUMP**

STREETWISE
HYDRAULICS™

**INCREASED
EFFICIENCY**

MULTIFUNCTION,
ERGONOMIC JOYSTICK

IN-CYLINDER
POSITION SENSORS

**OPTIONAL CNrG™
TAILGATE**

FEATURES AND BENEFITS

Increased efficiency and reliability

1 MULTIFUNCTION JOYSTICK



A single, multifunction joystick controls arm-lifting functions and carry-can functions.

BENEFIT

Maximizes ergonomics by requiring minimal effort to operate.

WHY IT MATTERS TO YOU

- Increased productivity
- Easier to train new operators

2 INSIGHT™ DISPLAY



In-cab display provides real-time feedback, as well as, optimal operator control.

BENEFIT

Operator can look to one place for all of the information he needs on the body. Also, the Insight display offers maintenance personnel advanced troubleshooting features.

WHY IT MATTERS TO YOU

- More efficient operator
- Reduced downtime and maintenance

3 STREETWISE HYDRAULICS™



Our exclusive "clean front head" relocates the hydraulic body valve from the front head to under the side of the body.

BENEFIT

This design reduces the influence of exhaust heat on the hydraulic components, as well as improving access to the valve bodies.

WHY IT MATTERS TO YOU

- Improved safety
- Improved reliability
- Reduced downtime

4 IN-CYLINDER SENSORS



Seamlessly gauge component locations for effortless control.

BENEFIT

Eliminates proximity switches and provides cab and body protection.

WHY IT MATTERS TO YOU

- Less downtime
- Saves maintenance/adjustments
- Prevents cab and body damage





REDESIGNED FORK CRADLE



Minimizes cab shake and allows height adjustment of the Curotto-Can.

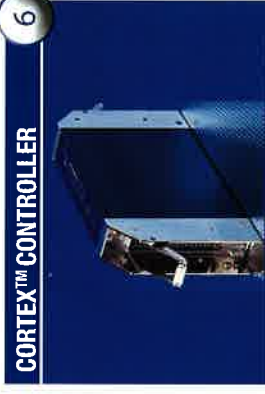
BENEFIT

Picks cans at multiple height levels and reduces operator fatigue.

WHY IT MATTERS TO YOU

- No wheel damage on carts
- Increases productivity
- Improves operator ergonomics

CORTEX™ CONTROLLER



The "brain" of our system is a rugged mobile controller that provides the intelligence and precise control our unit demands.

BENEFIT

Utilizing a mobile controller and placing in a protected location gives us the intelligence we need and the durability our customers demand.

WHY IT MATTERS TO YOU

- Less downtime
- Ease of service

AUTO-LIFT FEATURE



Automated dumping cycle reduces spillage and operator error.

BENEFIT

Provides smooth, automated emptying of Curotto-Can into hopper.

WHY IT MATTERS TO YOU

- Improves productivity
- Reduces training time for new operators
- Reduces downtime

LOAD-SENSE PISTON PUMP



Controls hydraulic flow, intelligently delivering proper oil amounts as required.

BENEFIT

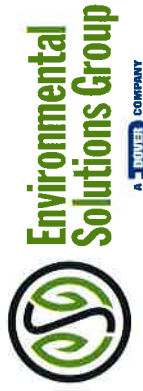
Increased efficiency.

WHY IT MATTERS TO YOU

- Reduced fuel consumption
- Lower hydraulic system temperatures
- Contributes to lowest Total Cost of Ownership



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Performance Specifications		@ Idle	@ 1,200 RPM
Container Dump Cycle Time	up complete	10-12 seconds 20-23 seconds	7-8 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

PUMP	
Type	Single Vane
Maximum Operating Pressure	2,500 psi
Working RPM	1,300 RPM approx.
Flow at Working RPM	50 GPM
OIL RESERVOIR	
Tank Capacity (net)	41 gallons
Filters	3 micron return filter with in-cab filter monitor; 100 mesh reusable suction screen
VALVES	
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 ³		23 yd ³	28 yd ³	32 yd ³
Usable CT	Single axle w/ Tag	160 in.	Tandem axle	154-160 in.		
				148 to 160 in.	172 to 190 in.	184 to 190 in.
Wheel Base		165 in.		179 to 185 in.	197 to 215 in.	209 to 215 in.
GVWR				60,000 lbs.	64,000 lbs.	66,000 lbs.
Minimum GVWR (F)*				20,000 lbs.	20,000 lbs.	20,000 lbs.
Minimum GAWR (R)*				30,000 lbs.	40,000 lbs.	48,000 lbs.
Minimum Platform		227		227	259	277

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

^(a) Arms Down, Forks Tucked ^(b) Above Frame

Cylinder Specifications

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

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