

WARREN

Series 451H

Heavy Duty Package Dump Body

Warren 451H Series dump bodies are designed for mounting on medium duty single axle truck chassis. They have strong "Stacked Type" under-structure for extended life. These bodies are engineered for contractors and governmental agencies for hauling sand, gravel, asphalt mix, and other materials. The 451H comes with a double acting tailgate with an underbody arm or telescopic hoist.



Features & Benefits of Warren 451H Series Bodies

- ASTM A570 A-45 High Tensile Steel
- Body, cylinder, & NTEA rated hoist manufactured by Warren
- Continuous welding throughout body for additional strength
- Available in 10'-16' lengths
- Full depth rear corner post with full depth rear crossmember
- 4 x 4 x 1/8" boxed tubing top rails
- 8" wrap around front corner post
- 6" wide horizontal side brace



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Series 451H Specifications

Body

Construction:	ASTM A1011 A-45 High Tensile Steel
Understructure:	3" - 4.1#/ft. channel crossmembers 5" - 9.0#/ft channel longitudinals
Floor:	8 ga. steel w/ 2" side to floor radius
Sides:	10 ga. steel w/ 4 x 4 x 1/8" boxed tubing top rail 6" wide boxed horizontal side brace 6" high front & rear gussets w/ board pockets 8" full depth rear corner posts & skirt 8" wrap around front corner post Dirt shedding rub rails
Tailgate:	10 ga. vertical type – 6" higher than sides Boxed perimeter w/ vertical braces Offset flame cut steel plate upper hinge Double lower sockets w/ overhooks Manual lever latch control Double-acting standard 3 Panel Gate
Front Bulkhead:	Die-formed horizontal brace 6" higher than sides
Dimensions:	Width—inside 7'3" Lengths – 10'
Capacity:	Struck/sides & ends – 5/6 cu. yds

Hoists

Type:	Underbody Lift Arm
Model:	U50-723
Pivot Pin:	1 ¼ diameter
Mounting Height:	13"
Pivot:	12"
Cylinder:	
Barrel O.D.:	7 ¼"
Type:	1 stage
Stroke:	23"
Disp. (cu. in.)	920
Hydraulic Pump:	Direct PTO Mount
Model:	F-22RDL
Type:	Gear, 2"
Housing:	Cast Iron
Capacity:	22 GPM @ 1400 RPM
Control Valve:	Integral, balanced spool
Controls:	Dual cable console type

Optional Attachments

Cab Shield – half or full w/ 4" integral wind deflector
Spreader Apron – 8" weld-on
Double Acting Hoist
Coal Door – uninstalled

Accessories

Lights/Reflectors:	Fed Std. 108 – flush mount
Body Prop:	Hoist Mounted
Back Up Alarm:	Electric
Body Up Light:	Cab Mounted



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