

# WARREN

U/F 451

## Heavy Duty Package Dump Body

*Warren 451 Series dump bodies are designed for mounting on medium duty single axle truck chassis. They have strong "Stacked Type" understructure for extended life. Engineered for contractors and governmental agencies for hauling sand, gravel, asphalt mix and other materials. Double acting, air operated tailgate with underbody arm or telescopic hoist.*



### *Features & Benefits of Warren 451 Series Dump Bodies*

- 10 Gauge ASTM A1011-45 Sides, Front & Tailgate, 3/16" High Tensile Floor.
- Body, cylinder and NTEA rated hoist manufactured by Warren.
- Continuous welding throughout body for additional strength.
- Full depth rear corner post with full depth rear crossmember.
- 8" wrap around front corner post



# Series 451 Specifications

## BODY

Construction:	ASTM A1011-45 Hi-tensile steel
Understructure:	3" - 4.1#/ft. channel crossmembers 5" - 9#/ft. channel longitudinals for U9-451 & U10-451 5" - 6.7#/ft. channel longitudinals for F10-451
Floor:	3/16" hi-tensile steel w/2" side to floor radius
Sides:	10 ga. steel w/4 x 4 x 1/8" boxed tubing top rail 3 per side 6" wide boxed side braces 6" high front & rear gussets w/board pockets 8" full depth rear corner posts & skirt 8" wrap around front corner post, full depth Dirt shedding rub rails
Tailgate:	10 ga. vertical type—6" higher than sides Boxed perimeter w/vertical bracing Offset flame cut steel plate upper hinge Double lower sockets w/overhooks Air operated gate latch Double-acting standard
Front Bulkhead:	10 ga. steel doghouse Die-formed horizontal brace 6" higher than sides
Dimensions:	Inside -7'3"
Width:	Outside-8'
Lengths:	9' & 10'
Capacity:	Struck/sides & ends—U451-9 5/6 cu.yd. U/F451 10' 5/6,6/7, and 7/8 cu.



## HOISTS

Body Model:	U9-451	U10-451	F10-451
Type:	Underbody Lift Arm	Underbody Lift Arm	Telescopic Head
Model:	U50-717	U50-723	T10-585
Pivot Pin:	1 1/4" dia.	1 1/4" dia.	1 1/4" dia.
Mounting Height:	13"	13"	13"
Pivot:	12"	12"	12"
Cylinder			
Barrel O.D.:	7 1/4"	7 1/4"	6 1/8"
stage:	1 stage	1 stage	3 stage
Stroke:	17"	23"	85"
Hydraulic Pump:	Direct PTO Mount		
Model:	F-22RDL	F-22RDL	F-22RDL
Type:	Gear, 2"	Gear, 2"	Gear, 2"
Housing:	Cast iron	Cast iron	Cast iron
Capacity:	22 GPM @ 1400 RPM	22 GPM @ 1400 RPM	22 GPM @ 1400 RPM
Control Valve:	Integral, balanced spool	Integral, balanced spool	Integral, balanced spool
Controls:	Air controls	Air controls	Air controls



## ACCESSORIES

Lights/Reflectors:	Fed Std. 108 - flush mount w/ rubber grommets
Body Prop:	Hoist mounted
Back Up Alarm	Electric
Body Up Light	Cab mounted

## OPTIONAL ATTACHMENTS

Cab Shield - 1/4-19", 3/4-36", half-24", full-43", not installed
Spreader Apron - 8" weld-on
Double Acting Hoist - U9- & U10-451
Coal Door - uninstalled

