

PRODUCTIVITY AND RELIABILITY IN ONE PACKAGE



**7 OR 10 FOOT*
ARM REACH**

**STRAIGHT FRAME
CHASSIS**

**LOW
MAINTENANCE
COST**



**LARGE
CLEANOUT
DOORS**

**LOW DUMPING
HEIGHT**

TAPERED BODY

A Perfect Match

The Automizer Helping-Hand is the ultimate combination of our High Efficiency straight frame ASL body with the smooth and simple Helping-Hand automated arm.

A low load sill with access door on curbside allows occasional hand loading for unmatched versatility and seamless performance. Decades of experience and proven engineering have lead us to build the perfect solution for your application, with one of the lowest cost of ownership in the industry.

Key Features



HELPING HAND ARM

The most reliable arm in the industry.

Simple operation, lightweight, few moving parts and a fast cycle time with bullet proof design.



LARGE CLEANOUT DOORS

Superior body construction to keep your maintenance costs at their lowest.

Wide access doors with a flat floor for easy cleaning and inspection.

Increased sump volume keeps the packer cylinders away from the waste leachate.



LOW DUMPING HEIGHT

The arm is enclosed in the hopper and dumps directly into the packer area so that the material does not get carried away by the wind.

An optional roof is also available for the most demanding applications.



TAPERED BODY

All body walls, roof and floor are made of single piece steel sheets.

Rounded and tapered body design offers easier unloading, increased compaction and superior resistance to deformation and wear.

The unique spring loaded packer scraper provides a perfect seal with the top of the packer, keeping even the tiniest debris inside the hopper area.



BODY DIMENSIONS		
	2 axles - 22 yd ³	3 axles - 31 yd ³
O.A. length	241"	296"
O.A. height above frame	103"	103"
O.A. width	96"	96"
Tailgate length	18"	33"
Packer stroke	52"	52"
Packer height	16"	16"
Packer width	71"	71"
Hopper door width	43"	43"
Hopper door height	23"	23"
Dumping angle, body	45°	45°
O.A. length, tailgate raised, body down	294"	334"
O.A. height, tailgate raised, body down, above frame	192"	192"
O.A. length, dumping position	397"	445"
OA height, dumping position, above frame	200"	227"
BODY SPECIFICATIONS		
Body floor	8ga Hardox 450 175,000 psi	
Lower Body side walls	10ga ASTM A1011 GR 80	
Upper Body side walls	12ga ASTM A1011 GR 80	
Body roof	12ga ASTM A1011 GR 80	
BODY CAPACITIES (Note: A 3-axle chassis is possible with the small capacities for greater legal payloads.)		
2-axle chassis	20, 22 and 24 yd ³	
3-axle chassis	27, 29, 31, 33, 35 and 37 yd ³	

HOPPER SPECIFICATIONS	
Hopper floor	0.25" Hardox 450 175,000 psi
Hopper upper left	10ga ASTM A1011 CS
Hopper upper right	14ga ASTM A1011 CS
Hopper lower part	0.25" Hardox 450 175,000 psi
Hopper access door	14ga ASTM A1011 CS
Hopper door dimensions	23" x 43"
TAILGATE SPECIFICATIONS	
Sides and Rear Walls	12ga ASTM A1011 GR 80
Upper tube frame	4" x 4" x 0.1875" A500 Grade C
Bottom tube frame	10" x 4" or 7" x 3" x 1/4" A500 Grade C
Framing sides	0.1875" IPSCO AR200
PACKER SPECIFICATIONS	
Rails wear plates	0.25" Hardox 500
Packer wear shoes	0.25" Hardox 450
Top of packing ram	0.25" CSA G40.21 100 QT
Face plate of packing ram	0.25" CSA G40.21 100 QT
Width of packing ram	71"
Height of packing ram	16"
Stroke of packing ram	48"

ARM SPECIFICATIONS		STANDARDS		OPTIONS	
Pick up capabilities		32 to 96 gal carts			
Lift capacities		400 lbs at maximum reach			
Arm reach		84 in		120 in	
HYDRAULICS					
Pump		Dual Vane T6DC			
Pump flow packer		20.4 gpm @ 700 rpm			
Pump flow arm		16.3 gpm @ 700 rpm			
Body Control Valve		Parker VG35			
Arm Control Valve		Sauer-Danfoss PVG32			
Hydraulic tank		85 gallons			
Hydraulic system pressure		3,000 psi max.			
Return line filter/Nominal filtration		150gpm, 5 micron			
ARM SPECIFICATIONS					
		STANDARDS		OPTIONS	
		Stages telescopic		Bore	Stroke Bodies
Body lifting		4		6 1/2"	150" 20 yd3
		4		6 1/2"	180" 27 yd3
		5		6 1/2"	204" 31 yd3
Packer		4" x 2 1/2" x 40"			
Tailgate		2 1/2" x 1 3/4" x 39"			
Arm extension		2" x 1.25" x 70"		Additional cylinder 2" x 1.25" x 36"	
Lifting		3" x 1.5" x 16"			
Grabber		1.5" x 1" x 6"			

placed into service.

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