

SWAPLOADER®

U.S.A. LTD.

General Contractors - Landscapers - Lumber Yards - Municipals - Governmental - Rental Yards - Roofers - Waste Haulers

400 SERIES HEAVY DUTY

50,000 - 65,000 LBS. LIFT CAPACITY



- **4 year warranty**
- **Sliding jib**
- **Slide through body locks**
- **Large beveled rear rollers**
- **Dual pivot rear section**
- **Dual lift cylinders**
- **Nylatron slide pads**
- **Low pressure hydraulics**
- **Integral dual counter balance valves**
- **Designed and built in the USA**

400 SERIES HEAVY DUTY

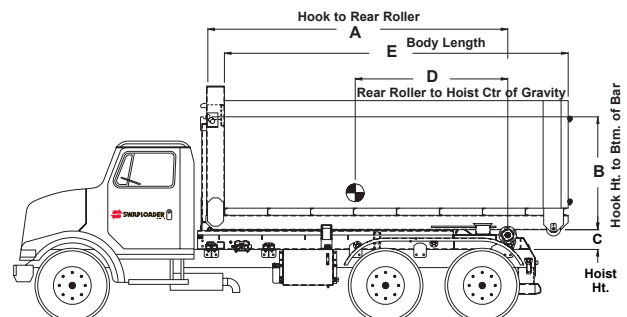
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	MODEL	SL-505	SL-545	SL-650
Model Description	Dump Capacity (Incl. container)	50,000 lb.	54,000 lb.	65,000 lb.
	Dump Angle	57°	57°	54°
	Lift Capacity (Incl. container)	50,000 lb.	54,000 lb.	65,000 lb.
	Hoist Wt.	6,750 lb.	6,640 lb.	8,050 lb.
General Dimensions (See Diagram)	Hook to Rear Roller (Dim. A)	219.0"	201.0"	226.5"
	Hook Height to bottom of bar (Dim. B) Adjustable Jib	61.75"	61.75"	61.75"
	Hoist Ht. (Dim. C)	12"	12"	13"
	Hoist Center of Gravity (Dim. D)	114.2"	110.4"	125.0"
	Body Length (Dim. E) ②	19' to 24' ②	17' to 22' ②	20' to 24' ②
	Optimum Body Lengths	19' - 22'	17' - 20'	20' - 22'
	Body Longsill Width ③	40.5" or 41.75"	40.5" or 41.75"	40.5" or 41.75"
Hydraulic System	Hydraulic Pump Type (CID)	Gear (5.48)	Gear (5.48)	Gear (5.48)
	Flow	32.0 GPM @ 1,500 RPM	32.0 GPM @ 1,500 RPM	32.0 GPM @ 1,500 RPM
	Relief Pressure	3,500 PSI	3,500 PSI	3,500 PSI
	Hydraulic Resvr.	30 gal.	30 gal.	30 gal.
Lift Cylinder	Type	All models incorporate twin, double acting cylinders with dual built-in counterbalance valves.		
	Quantity	2	2	2
	Bore	7" Ø	7" Ø	7.5" Ø
	Stroke	74"	74"	82"
Jib Cylinder ①	Type	All models incorporate a single, double acting cylinder with a single built-in counterbalance valve.		
	Quantity	1	1	1
	Bore	5" Ø	5" Ø	4.5" Ø
	Stroke	52"	48"	52"
Truck Specs (Recommended)	GVW Range	50,000 lb. or greater	50,000 lb. or greater	55,000 lb. or greater
	Cab - Axle Dim. (Single Axle) ④	N/A	N/A	N/A
	Cab - Trunion Dim. (Tandem Axle) ④	176" to 190"	165" to 174"	172" to 190"
	Truck Frame RBM (Each Channel)	2,500,000 in. lb.	2,500,000 in. lb.	2,750,000 in. lb.
	Clear Frame Rail ⑤	241"	225"	249"
	Frame Height	up to 45"	up to 45"	up to 45"
PTO Specs (Recommended)	Type	Driveline	Driveline	Driveline
	Rotation	PTO rotation is determined by make & model of transmission.		
	Torque Required	260 ft-lbf	260 ft-lbf	260 ft-lbf
	PTO Ratio ⑥	80 - 120%	80 - 120%	80 - 120%

- 4 year warranty
- Sliding jib
- Slide through body locks
- Large beveled rear rollers
- Dual pivot rear section
- Rugged main frame
- Dual lift cylinders
- Nylatron slide pads
- Low pressure hydraulics
- Rigorous 4 year test cycle
- Integral Dual Counter Balance Valves
- Designed and Built in the USA

- 1 Jib Lock out valve to prevent jib operation in dump mode standard.
- 2 Hoist with longer bodies may not conform with I.C.C. bumper regulations or may not achieve maximum dump angle depending on truck chassis height. Contact your SwapLoader distributor for more information.
- 3 Maximum outside to outside longsill width.
- 4 Optimum CA/CT dimension will be influenced by type of loads carried and turning radius requirements.
- 5 Clear frame Dim given is the overall length of hoist plus 5" for cab clearance and rear light bar mounting. Additional frame length may be necessary for other accessories such as cab guard, tarper, exhaust system, etc.
- 6 PTO ratio may impact output flow of pump at given engine rpm.



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Your authorized SwapLoader dealer

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