

SWAPLOADER®

U.S.A. LTD.

General Contractors - Landscapers - Lumber yards - Municipalities - Governmental - Rental yards - Roofers - Waste Haulers

100 SERIES

10,500 - 18,000 LBS. LIFT CAPACITY



- **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**

100 SERIES

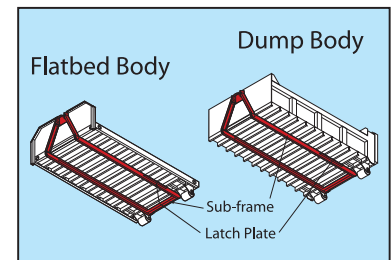
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	Model	SL-105	SL-145	SL-180	SL-185
Model Description	Dump Capacity (incl. container)	10,500 lbs.	14,000 lbs.	18,000 lbs.	18,000 lbs.
	Dump Angle	58°	56°	57°	58°
	Lift Capacity (incl. container)	10,500 lbs.	14,000 lbs.	18,000 lbs.	18,000 lbs.
	Shipping Weight	1,680 lbs.	2,250 lbs.	3,000 lbs.	2,710 lbs.
General Dimensions (See Diagram)	Hook to Rear Roller (Dim. A)	116"	138.37"	153.88"	137.88"
	Hook Height to bottom of pin (Dim. B)	35.63"	35.63"	35.63" (35.63 - 54" option)	35.63" (35.63 - 54" option)
	Hoist Ht. (Dim. C)	5.5"	6.5"	7.5"	7.5"
	Rear Roller to Hoist Center of Gravity (Dim. D)	58.1"	68.7"	77"	67.0"
	Body Length (Dim. E) ①	10' to 13'	12' to 15'	14' to 18'	12' to 16'
	Body Longsill Width ②	41.62"	40.5" or 41.62"	40.5" or 41.62"	40.5" or 41.62"
Hydraulic System	Hydraulic Pump Type	Gear	Gear	Gear	Gear
	Flow	7.2 GPM @ 1,000 RPM	11.4 GPM @ 1,000 RPM	11.4 GPM @ 1,000 RPM	11.4 GPM @ 1,000 RPM
	Relief Pressure	3,250 PSI	3,250 PSI	3,250 PSI	3,250 PSI
	Hydraulic Reservoir	15 gal.	15 gal.	15 gal.	15 gal.
Lift Cylinders	Type	All models incorporate twin, double acting cylinders with dual built-in counter balance valves.			
	Quantity	2	2	2	2
	Bore	4" Ø	5" Ø	5.25" Ø	5.25" Ø
	Stroke	38"	40"	54"	46"
Jib Cylinder	Type	All models incorporate single, double acting cylinder with single built-in counter balance valve.			
	Quantity	1	1	1	1
	Bore	2.5" Ø	3" Ø	3" Ø	3" Ø
	Stroke	24"	32"	36"	32"
Truck Specs (Recommended)	GVW Range	13,000 lbs. to 19,000 lbs.	18,000 lbs. to 26,000 lbs.	22,000 lbs. to 35,000 lbs.	22,000 lb. to 35,000 lbs.
	Cab to Axle Dim. (Single Axle) ③	84" to 96"	102" to 120"	120" to 138"	108" to 120"
	Cab to Trunion Dim. (Tandem Axle) ③	N/A	N/A	N/A	N/A
	Truck Frame Height	up to 40"	up to 40"	up to 40"	Up to 40"
	Truck Frame RBM (Each Channel)	350,000 in. lb.	500,000 in. lb.	600,000 in. lb.	600,000 in. lb.
	Clear Frame Rail ④	130"	152"	172"	156"
PTO Specs (Recommended)	Type	Direct Mount SAE B, 2 Bolt	Direct Mount SAE B, 4 Bolt	Direct Mount SAE B, 4 Bolt	Direct Mount SAE B, 4 Bolt
	Rotation	Standard hydraulic pump utilizes right-hand (clockwise) PTO rotation for manual transmissions. Contact your local SwapLoader Distributor for options.			
	Torque Required	80 ft-lbf	125 ft-lbf	125 ft-lbf	125 ft-lbf
	RPM Ratio	80% - 100%	80% - 100%	80% - 100%	80 - 100%

100 Series Hoists

- Dual lift/dump cylinders on all models for added stability.
- Heavy-duty frame design for dependable operation.
- Dual rear pivot design for true dump truck operation & added lifting power.
- Sliding jib & slide through body locks.
- Low-pressure hydraulics.
- Hoists are painted primer black.
- Unmatched 4-year parts & 1-year labor warranty.
- Jib Lockout Valve to prevent jib operation in dump mode standard.

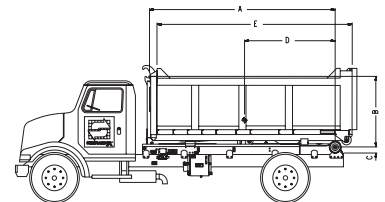


1 Hoist with long bodies may not conform with I.C.C. bumper regulations or may not achieve maximum dump angle depending on truck chassis height. Contact your SwapLoader Distributor for more information.

2 Maximum outside to outside measurement.

3 Optimum CA/CT dimension will be influenced by type of loads carried and turning radius requirements.

4 Clear Frame Dim. is the overall length of hoist plus 5" for cab clearance and rear light bar mounting. Additional length is necessary for other accessories such as cab guard, tarper, etc...



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Ask about the wide range of available SwapLoader models



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