

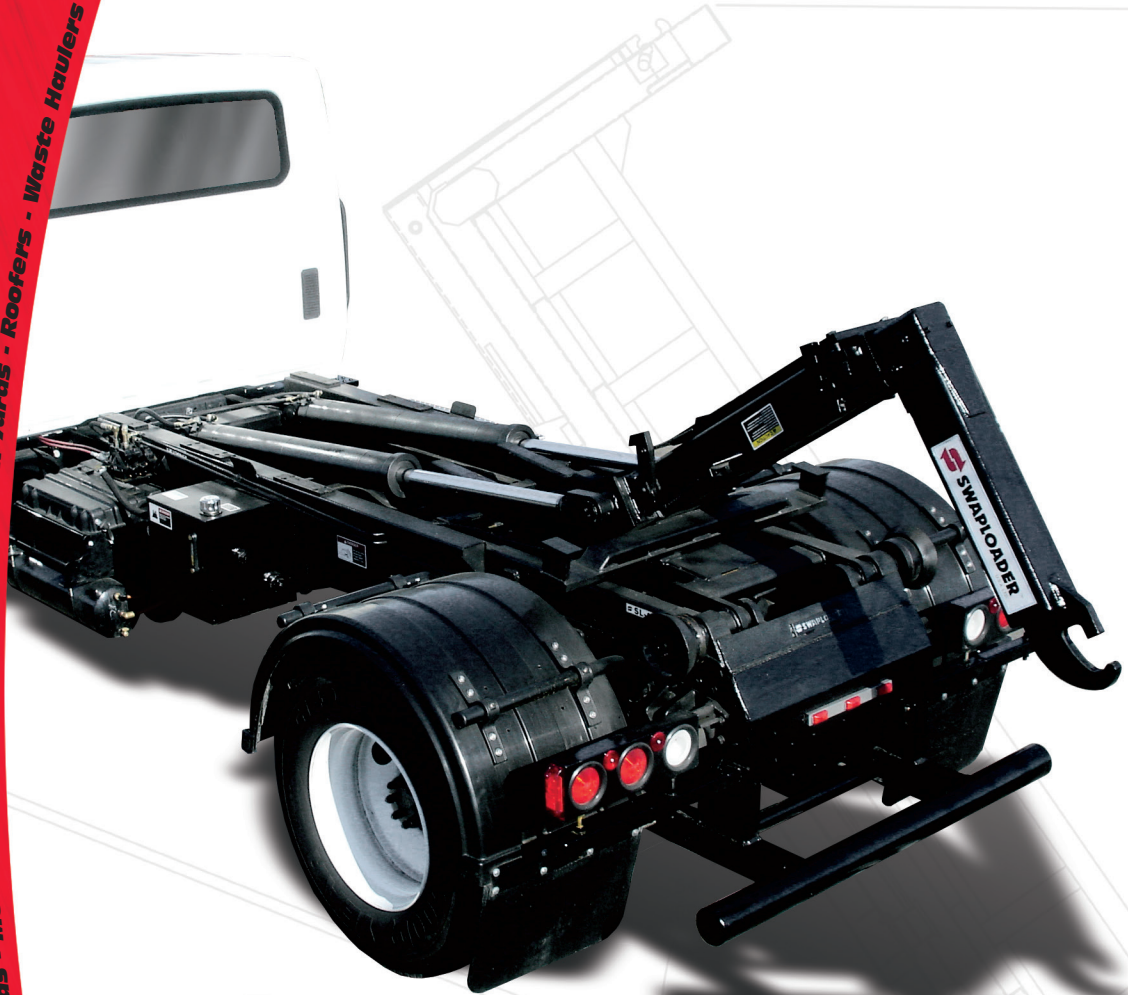
SWAPLOADER®

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**
- **Dual lift cylinders**
- **Nylatron slide pads**
- **Low pressure hydraulics**
- **Integral dual counter balance valves**
- **Designed and built in the USA**

100 SERIES

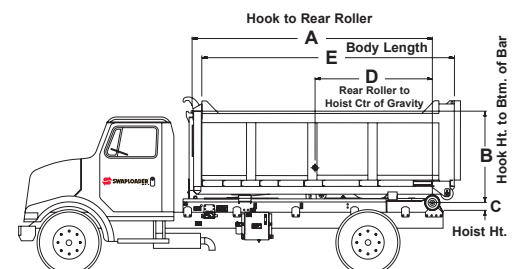
NOTE:

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	MODEL	SL-105	SL-145	SL-180	SL-185
Model Description	Dump Capacity (Incl. container)	10,500 lb	14,000 lb	18,000 lb	18,000 lb
	Dump Angle	58°	56°	57°	58°
	Lift Capacity (Incl. container)	10,500 lb	14,000 lb	18,000 lb	18,000 lb
	Hoist Weight	Fixed: 1,680 lb Adj: N/A	Fixed: 2,250 lb Adj: N/A	Fixed: 2,840 lb Adj: 3,005 lb	Fixed: 2,710 lb Adj: 2,875 lb
General Dimensions (See Diagram)	Hook to Rear Roller (Dim. A)	116.0"	138.37"	153.88"	137.88"
	Hook Height (Dim. B)	Fixed: 35.63" Adj: N/A	Fixed: 35.63" Adj: N/A	Fixed: 35.63" Adj: 35.63" - 53.88"	Fixed: 35.63" Adj: 35.63" - 53.88"
	Hoist Height (Dim. C)	5.5"	6.5"	7.5"	7.5"
	Hoist C G (Dim. D)	58.1"	68.7"	77.0"	67.0"
	Body Length (Dim. E) ②	10' to 13'	12' to 15'	14' to 18'	12' to 16'
	Optimum Body Lengths	10' - 12'	12' - 14'	14' - 16'	12' - 14'
	Body Longsill Width ③	41.62"	41.62" or 40.5"	41.62" or 40.5"	41.62" or 40.5"
Hydraulic System	Hydraulic Pump Type (CID)	Gear (1.86)	Gear (2.96)	Gear (2.96)	Gear (2.96)
	Flow ⑥	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 Resvr.	15 gal	15 gal	15 gal	15 gal
Lift Cylinder	Type	All models incorporate twin, double acting cylinders with dual built-in counterbalance valves.			
	Quantity	2	2	2	2
	Bore	Ø 4"	Ø 5"	Ø 5.25"	Ø 5.25"
	Stroke	38"	40"	54"	46"
Jib ① Cylinder	Type	All models incorporate a single, double acting cylinder with a single built-in counterbalance valve.			
	Quantity	1	1	1	1
	Bore	Ø 2.5"	Ø 3"	Ø 3"	Ø 3"
	Stroke	24"	32"	36"	32"
Truck Specs (Recommended)	GVW Range	13,000 lb to 19,000 lb	18,000 lb to 26,000 lb	22,000 lb to 35,000 lb	22,000 lb to 35,000 lb
	Cab - Axle Dim. (Single Axle) ④	84" to 96"	102" to 120"	120" to 138"	108" to 120"
	Cab - Trunion Dim. (Tandem Axle) ④	N/A	N/A	N/A	N/A
	Truck Frame RBM	350,000 in lb	500,000 in lb	600,000 in lb	600,000 in lb
	Clear Frame Rail ⑤	130"	152"	172"	156"
	Frame Height	up to 40"	up to 40"	up to 40"	up to 40"
PTO Specs (Recommended)	Type ⑦	Direct Mount SAE B, 2 Bolt	Direct Mount SAE B, 4 Bolt	Direct Mount SAE B, 4 Bolt	Direct Mount SAE B, 4 Bolt
	Torque Required	80 ft-lbf	125 ft-lbf	125 ft-lbf	125 ft-lbf

- 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 Pump RPM and Flow are dependent on engine RPM and PTO ratio.
- 7 PTO/Pump rotation as determined by transmission.
- 8 Polished Nitrided Cylinder Rod.



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