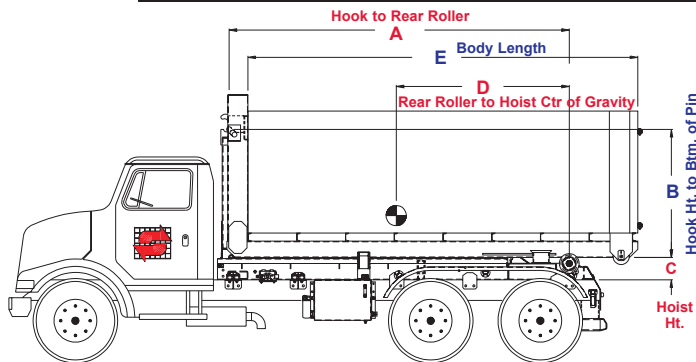


# MODEL SPECIFICATIONS

MODEL		SL 105	SL 145	SL 180	SL 185	SL 220	SL 222	SL 240
Model Description	Dump Capacity (Incl. container)	10,500 lbs.	14,000 lbs.	18,000 lbs.	18,000 lbs.	22,000 lbs.	22,000 lbs.	24,000 lbs.
	Dump Angle	58°	56°	57°	58°	53°	53°	53°
	Lift Capacity (Incl. container)	10,500 lbs.	14,000 lbs.	18,000 lbs.	18,000 lbs.	22,000 lbs.	22,000 lbs.	24,000 lbs.
	Shipping Wt.	1,680 lbs.	2,250 lbs.	3,000 lbs.	2,710 lbs.	4,100 lbs.	4,050 lbs.	3,900 lbs.
General Dimensions (See Diagram)	Hook to Rear Roller (Dim. A)	116"	138.37"	153.88"	137.88"	193.81"	179.81"	159.81"
	Hook Height to bottom of pin (Dim. B)	35.63"	35.63"	35.63" (35.63 - 54" option)	35.63" (35.63 - 54" option)	54" (54 - 61.75" option)	54" (54 - 61.75" option)	54"
	Hoist Ht. (Dim. C)	5.5"	6.5"	7.5"	7.5"	9"	9"	9"
	Rear Roller to Hoist Center of Gravity (Dim. D)	58.1"	68.7"	77"	67.0"	97.8 in	95.2"	88.0 in
	Body Length (Dim. E) ②	10' to 13'	12' to 15'	14' to 18'	12' to 16'	18' to 22'	16' to 20'	14' to 18'
	Body Longsill Width ③	41.62"	40.5" or 41.62"	40.5" or 41.62"	40.5" or 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	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	17.4 GPM @ 1,000 RPM	17.4 GPM @ 1,000 RPM	17.4 GPM @ 1,000 RPM
	Relief Pressure	3,250 PSI	3,250 PSI	3,250 PSI	3,250 PSI	2,800 PSI	2,800 PSI	2,800 PSI
	Hydraulic Resvr.	15 gal.	15 gal.	15 gal.	15 gal.	25 gal.	25 gal.	25 gal.
Lift Cylinder	Type	All models incorporate twin, double acting cylinders with dual built-in counterbalance valves.						
	Quantity	2	2	2	2	2	2	2
	Bore	4" Ø	5" Ø	5.25" Ø	5.25" Ø	6" Ø	6" Ø	6" Ø
	Stroke	38"	40"	54"	46"	54"	54"	54"
	Jib Cylinder ①	Type	All models incorporate a single, double acting cylinder with single built-in counterbalance valve.					
Quantity		1	1	1	1	1	1	1
Bore		2.5" Ø	3" Ø	3" Ø	3" Ø	3.5" Ø	3.5" Ø	3.5" Ø
Stroke		24"	32"	36"	32"	48"	34"	30"
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.	25,000 lb. to 35,000 lb.	25,000 lb. to 35,000 lb.	25,000 lb. to 35,000 lb.
	Cab - Axle Dim. (Single Axle) ④	84" to 96"	102" to 120"	120" to 138"	108" to 120"	156" to 174"	142" to 160"	130" to 144"
	Cab - Trunion Dim. (Tandem Axle) ④	N/A	N/A	N/A	N/A	150" to 162"	130" to 142"	120" to 132"
	Truck Frame RBM (Each Channel)	350,000 in. lb.	500,000 in. lb.	600,000 in. lb.	600,000 in. lb.	900,000 in. lb.	900,000 in. lb.	900,000 in. lb.
	Clear Frame Rail ⑤	130"	152"	172"	156"	216"	202"	184"
Frame Height	up to 40"	up to 40"	up to 40"	up to 40"	up to 43"	up to 43"	up to 43"	
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	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) rotation PTO. Opposite rotation pump for left hand (counter clockwise) rotation PTO available. Consult SwapLoader distributor.						
	Torque Required	80 ft-lbf	125 ft-lbf	125 ft-lbf	125 ft-lbf	200 ft-lbf	200 ft-lbf	200 ft-lbf
	RPM Ratio	80 - 100%	80 - 100%	80 - 100%	80 - 100%	80 - 100%	80 - 100%	80 - 100%

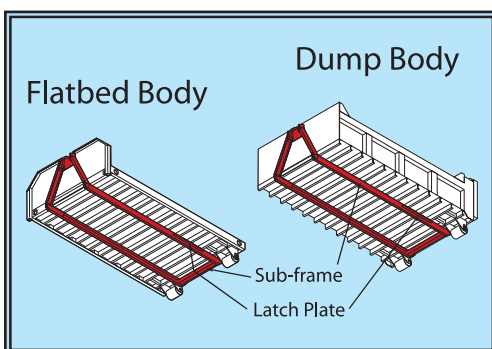


- 1 Safety Valve to prevent jib operation in dump mode standard.
- 2 Hoist with longer bodies may not conform with I.C.C. bumper regulations or may not achieve maximum dump angle depending on truck chassis height. Contact your SwapLoader distributor for more information.
- 3 Maximum outside to outside measurement.
- 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 length is necessary for other accessories such as cab guard, tarper, etc.

# MODEL SPECIFICATIONS continued...

SWL-032  
SWAPLOADER  
02/11

MODEL		SL 2418	SL 330	SL 400	SL 406	SL 505	SL 545	SL 650
Model Description	Dump Capacity (Incl. container)	24,000 lbs.	33,000 lbs.	40,000 lbs.	40,000 lbs.	50,000 lbs.	54,000 lbs.	65,000 lbs.
	Dump Angle	57°	58°	58°	55°	57°	57°	54°
	Lift Capacity (Incl. container)	18,000 lbs.	33,000 lbs.	40,000 lbs.	40,000 lbs.	50,000 lbs.	54,000 lbs.	65,000 lbs.
	Shipping Wt.	3,050 lbs.	5,170 lbs.	5,290 lbs.	5,920 lbs.	6,750 lbs.	6,640 lbs.	8,050 lbs.
General Dimensions (See Diagram)	Hook to Rear Roller (Dim. A)	118"	167.5"	167.5"	209.75"	219"	201"	226.5"
	Hook Height to bottom of pin (Dim. B)	54"	61.75" (61.75 - 54" option)	61.75" (61.75 - 54" option)	61.75" (61.75 - 54" option)	61.75"	61.75"	61.75"
	Hoist Ht. (Dim. C)	9"	11"	11"	11"	12"	12"	13"
	Rear Roller to Hoist Center of Gravity (Dim. D)	63.8"	88.8"	88.8"	114"	114.2"	110.4"	125"
	Body Length (Dim. E) ②	10' to 13'	14' to 18'	14' to 18'	18' to 22'	19' to 24'	17' to 22'	20' to 24'
	Body Longsill Width ③	40.5 or 41.62"	40.5 or 41.75"	40.5 or 41.75"	40.5 or 41.75"	40.5 or 41.75"	40.5 or 41.75"	40.5 or 41.75"
Hydraulic System	Hydraulic Pump Type	Gear	Gear	Gear	Gear	Gear	Gear	Gear
	Flow	17.4 GPM @ 1,000 RPM	22.3 GPM @ 1,500 RPM	22.3 GPM @ 1,500 RPM	22.3 GPM @ 1,500 RPM	32.0 GPM @ 1,500 RPM	32.0 GPM @ 1,500 RPM	32.0 GPM @ 1,500 RPM
	Relief Pressure	2,800 PSI	3,500 PSI	3,500 PSI	3,500 PSI	3,500 PSI	3,500 PSI	3,500 PSI
	Hydraulic Resvr.	25 gal.	30 gal.	30 gal.	30 gal.	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	2	2	2	2
	Bore	5.5" Ø	5.5" Ø	6" Ø	6.5" Ø	7" Ø	7" Ø	7.5" Ø
	Stroke	39"	60"	60"	74"	74"	74"	82"
① Jib Cylinder	Type	All models incorporate a single, double acting cylinder with single built-in counterbalance valve.						
	Quantity	1	1	1	1	1	1	1
	Bore	4" Ø	4" Ø	4" Ø	4" Ø	5" Ø	5" Ø	4.5" Ø
	Stroke	24"	38"	38"	52"	52"	48"	52"
Truck Specs (Recommended)	GVW Range	25,000 lb. to 35,000 lb.	33,000 lb. or greater	45,000 lb. or greater	45,000 lb. or greater	50,000 lb. or greater	50,000 lb. or greater	55,000 lb. or greater
	Cab - Axle Dim. (Single Axle) ④	84" to 96"	142" to 156"					
	Cab - Trunion Dim. (Tandem Axle) ④	N/A	130" to 138"	130" to 138"	174" to 180"	176" to 190"	165" to 174"	172" to 190"
	Truck Frame RBM (Each Channel)	900,000 in. lb.	1,600,000 in. lb.	2,000,000 in. lb.	2,000,000 in. lb.	2,500,000 in. lb.	2,500,000 in. lb.	2,750,000 in. lb.
	Clear Frame Rail ⑤	134"	191"	191"	232"	241"	225"	249"
	Frame Height	up to 43"	up to 45"	up to 45"	up to 45"	up to 45"	up to 45"	up to 45"
PTO Specs (Recommended)	Type	Direct Mount SAE B, 4 Bolt	Direct Mount SAE B, 4 Bolt	Direct Mount SAE B, 4 Bolt	Direct Mount SAE B, 4 Bolt	Driveline	Driveline	Driveline
	Rotation	Standard hydraulic pump utilizes right hand (clockwise) rotation PTO. Opposite rotation pump for left hand (counter clockwise) rotation PTO available. Consult SwapLoader distributor.						
	Torque Required	200 ft-lbf	200 ft-lbf	200 ft-lbf	200 ft-lbf	260 ft-lbf	260 ft-lbf	260 ft-lbf
	RPM Ratio	80 - 100%	80 - 100%	80 - 100%	80 - 100%	80 - 100%	80 - 100%	80 - 100%



## Warranty

"HOOKED ON QUALITY"

4-Year

ALL Parts Warranty  
1-Year Labor

SWAPLOADER®

U.S.A. LTD.