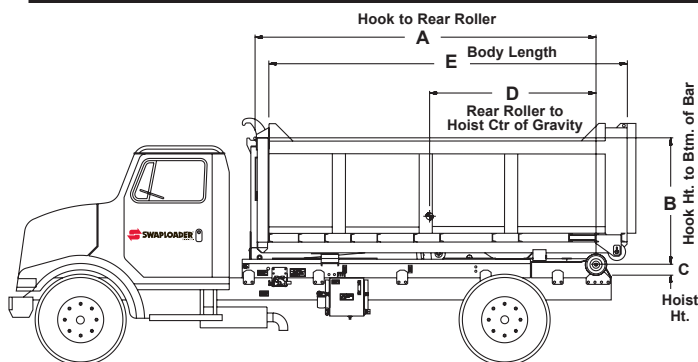
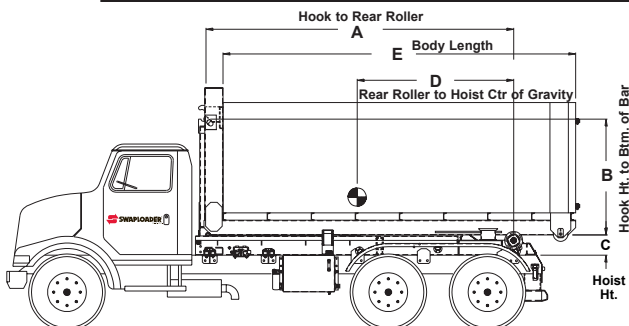


	MODEL	SL-105	SL-145	SL-180	SL-185	SL-220	SL-222	SL-240	SL-2418
Model Description	Dump Capacity (Incl. container)	10,500 lb.	14,000 lb.	18,000 lb.	18,000 lb.	22,000 lb.	22,000 lb.	24,000 lb.	24,000 lb.
	Dump Angle	58°	56°	57°	58°	53°	53°	53°	57°
	Lift Capacity (Incl. container)	10,500 lb.	14,000 lb.	18,000 lb.	18,000 lb.	22,000 lb.	22,000 lb.	24,000 lb.	18,000 lb.
	Hoist Wt.	1,680 lb.	2,250 lb.	3,000 lb.	2,710 lb.	4,100 lb.	4,050 lb.	3,900 lb.	3,050 lb.
General Dimensions (See Diagram)	Hook to Rear Roller (Dim. A)	116.0"	138.37"	153.88"	137.88"	193.81"	179.81"	159.81"	118.0"
	Hook Height to bottom of bar (Dim. B)	35.63"	35.63"	35.63"	35.63"	53.88"	53.88"	53.88"	53.88"
	Adjustable Jib			35.63" - 53.88"	35.63" - 53.88"	53.88" - 61.75"	53.88" - 61.75"	53.88" - 61.75"	
	Hoist Ht. (Dim. C)	5.5"	6.5"	7.5"	7.5"	9"	9"	9"	9"
	Hoist Center of Gravity (Dim. D)	58.1"	68.7"	77.0"	67.0"	97.8"	95.2"	88.0"	63.8"
	Body Length (Dim. E) ②	10' to 13' ②	12' to 15' ②	14' to 18' ②	12' to 16' ②	18' to 22' ②	16' to 20' ②	14' to 18' ②	10' to 13'
	Optimum Body Lengths	10' - 12'	12' - 14'	14' - 16'	12' - 14'	18' - 20' ②	16' - 18'	14' - 16'	10' - 12'
Body Longsill Width ③	41.62"	41.62" or 40.5"	41.62" or 40.5"	41.62" or 40.5"	41.62" or 40.5"	41.62" or 40.5"	41.62" or 40.5"	41.62"	
Hydraulic System	Hydraulic Pump Type (CID)	Gear (1.86)	Gear (2.96)	Gear (2.96)	Gear (2.96)	Gear (4.46)	Gear (4.46)	Gear (4.46)	Gear (4.46)
	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	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	2,800 PSI
	Hydraulic Resvr.	15 gal.	15 gal.	15 gal.	15 gal.	25 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	2
	Bore	4" Ø	5" Ø	5.25" Ø	5.25" Ø	6" Ø	6" Ø	6" Ø	5.5" Ø
	Stroke	38"	40"	54"	46"	54"	54"	54"	39"
Jib Cylinder	Type	All models incorporate a single, double acting cylinder with a single built-in counterbalance valve.							
	Quantity	1	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	4" Ø
	Stroke	24"	32"	36"	32"	48"	34"	30"	24"
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.	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"	84" to 96"
	Cab - Trunion Dim. (Tandem Axle) ④	N/A	N/A	N/A	N/A	150" to 162"	130" to 142"	120" to 132"	N/A
	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.	900,000 in. lb.
	Clear Frame Rail ⑤	130"	152"	172"	156"	216"	202"	184"	134"
Frame Height	up to 40"	up to 40"	up to 40"	up to 40"	up to 43"	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	Direct Mount SAE B, 4 Bolt
	Rotation	PTO rotation is determined by make & model of transmission.							
	Torque Required	80 ft-lbf	125 ft-lbf	125 ft-lbf	125 ft-lbf	200 ft-lbf	200 ft-lbf	200 ft-lbf	200 ft-lbf
	PTO Ratio ⑥	80 - 120%	80 - 120%	80 - 120%	80 - 120%	80 - 120%	80 - 120%	80 - 120%	80 - 120%



- Jib Lock out valve to prevent jib operation in dump mode standard.
- 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.
- Maximum outside to outside longsill width.
- Optimum CA/CT dimension will be influenced by type of loads carried and turning radius requirements.
- 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.
- PTO ratio may impact output flow of pump at given engine rpm.

MODEL	SL-330	SL-400	SL-406	SL-505	SL-545	SL-650	
Model Description	Dump Capacity (Incl. container)	33,000 lb.	40,000 lb.	40,000 lb.	50,000 lb.	54,000 lb.	65,000 lb.
	Dump Angle	58°	58°	55°	57°	57°	54°
	Lift Capacity (Incl. container)	33,000 lb.	40,000 lb.	40,000 lb.	50,000 lb.	54,000 lb.	65,000 lb.
	Hoist Wt.	5,170 lb.	5,290 lb.	5,920 lb.	6,750 lb.	6,640 lb.	8,050 lb.
General Dimensions (See Diagram)	Hook to Rear Roller (Dim. A)	167.5"	167.5"	209.75"	219.0"	201.0"	226.5"
	Hook Height to bottom of bar (Dim. B)	61.75"	61.75"	61.75"	61.75"	61.75"	61.75"
	Adjustable Jib	61.75" - 53.88"	61.75" - 53.88"	61.75" - 53.88"			
	Hoist Ht. (Dim. C)	11"	11"	11"	12"	12"	13"
	Hoist Center of Gravity (Dim. D)	88.8"	88.8"	114.0"	114.2"	110.4"	125.0"
	Body Length (Dim. E) ②	14' to 18' ②	14' to 18' ②	18' to 22' ②	19' to 24' ②	17' to 22' ②	20' to 24' ②
	Optimum Body Lengths	14' - 16'	14' - 16'	18' - 20'	19' - 22' ②	17' - 20'	20' - 22'
	Body Longsill Width ③	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 (CID)	Gear (3.83)	Gear (3.83)	Gear (3.83)	Gear (5.48)	Gear (5.48)	Gear (5.48)
	Flow	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	3,500 PSI	3,500 PSI	3,500 PSI	3,500 PSI	3,500 PSI	3,500 PSI
	Hydraulic Resvr.	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
	Bore	5.5" Ø	6" Ø	6.5" Ø	7" Ø	7" Ø	7.5" Ø
	Stroke	60"	60"	74"	74"	74"	82"
Jib Cylinder	Type	All models incorporate a single, double acting cylinder with a single built-in counterbalance valve.					
	Quantity	1	1	1	1	1	1
	Bore	4" Ø	4" Ø	4" Ø	5" Ø	5" Ø	4.5" Ø
	Stroke	38"	38"	52"	52"	48"	52"
Truck Specs (Recommended)	GVW Range	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	142" to 156"	N/A	N/A	N/A	N/A	N/A
	Cab - Trunion Dim. (Tandem Axle) ④	130" to 138"	130" to 138"	174" to 180"	176" to 190"	165" to 174"	172" to 190"
	Truck Frame RBM (Each Channel)	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	191"	191"	232"	241"	225"	249"
	Frame Height	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	Driveline	Driveline	Driveline
	Rotation	PTO rotation is determined by make & model of transmission.					
	Torque Required	200 ft-lbf	200 ft-lbf	200 ft-lbf	260 ft-lbf	260 ft-lbf	260 ft-lbf
	PTO Ratio ⑥	80 - 120%	80 - 120%	80 to 120%	80 - 120%	80 - 120%	80 - 120%



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