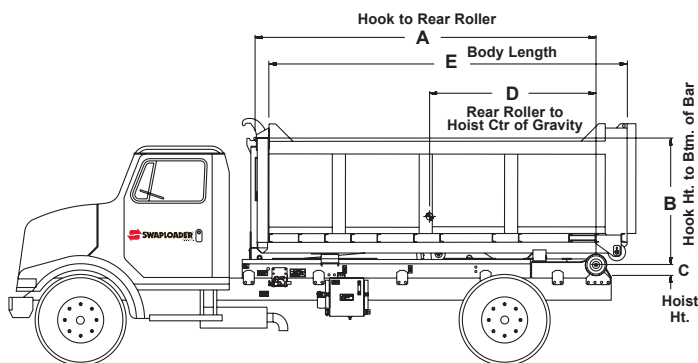
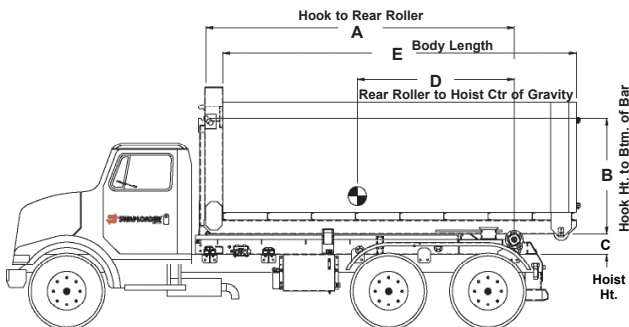


MODEL			SL-105	SL-145	SL-180	SL-185	SL-220	SL-222	SL-240	SL-2418
MODEL DESCRIPTION	DUMP CAPACITY (INCLUDING CONTAINER)		10,500 lb	14,000 lb	18,000 lb	18,000 lb	22,000 lb	22,000 lb	24,000 lb	24,000 lb
	DUMP ANGLE		58°	56°	57°	58°	53°	53°	53°	57°
	LIFT CAPACITY (INCLUDING CONTAINER)		10,500 lb	14,000 lb	18,000 lb	18,000 lb	22,000 lb	22,000 lb	24,000 lb	18,000 lb
	HOIST WEIGHT	FIXED	1,680 lb	2,250 lb	2,840 lb	2,710 lb	4,100 lb	4,050 lb	3,900 lb	3,040 lb
	HOIST WEIGHT	ADJ.	N/A	N/A	3,005 lb	2,875 lb	4,330 lb	4,280 lb	4,200 lb	N/A
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 (DIM. B)		FIXED	35.63"	35.63"	35.63"	53.88"	53.88"	53.88"	53.88"
	HOOK HEIGHT (DIM. B)		ADJ.	N/A	N/A	35.63" / 53.88"	53.88" / 61.75"	53.88" / 61.75"	53.88" / 61.75"	N/A
	HOIST HEIGHT (DIM. C)		5.5"	6.5"	7.5"	7.5"	9"	9"	9"	9"
	HOIST CG (DIM. D)		58.1"	68.7"	77.0"	67.0"	97.8"	95.2"	88.0"	63.8
	BODY LENGTH ② (DIM. E)		10' - 13'	12' - 15'	14' - 18'	12' - 16'	18' - 22'	16' - 20'	14' - 18'	10' - 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		41.63"	41.63" / 40.5"	41.63" / 40.5"	41.63" / 40.5"	41.63" / 40.5"	41.63" / 40.5"	41.63" / 40.5"	41.63" / 40.5"
HYDRAULIC SYSTEMS	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 @ PUMP RPM 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	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 ⑧
	BORE		Ø 4"	Ø 5"	Ø 5.25"	Ø 5.25"	Ø 6"	Ø 6"	Ø 6"	Ø 5.5"
	STROKE		38"	40"	54"	46"	54"	54"	54"	39"
JIB CYLINDER ①	TYPE		ALL MODELS INCORPORATE A SINGLE, DOUBLE ACTING CYLINDER WITH A SINGLE BUILT-IN COUNTERBALANCE VALVES.							
	QUANTITY		1	1	1	1	1	1	1	1 ⑧
	BORE		Ø 2.5"	Ø 3"	Ø 3"	Ø 3"	Ø 3.5"	Ø 3.5"	Ø 3.5"	Ø 4"
	STROKE		24"	32"	36"	32"	48"	34"	30"	24"
TRUCK SPECS (RECOMMENDED)	GVW RANGE		13,000 lb - 19,000 lb	18,000 lb - 26,000 lb	22,000 lb - 35,000 lb	22,000 lb - 35,000 lb	25,000 lb - 35,000 lb	25,000 lb - 35,000 lb	25,000 lb - 35,000 lb	25,000 lb - 35,000 lb
	CAB-AXLE DIM. ④ (SINGLE AXLE)		84" - 96"	102" - 120"	120" - 138"	108" - 120"	156" - 174"	142" - 160"	130" - 144"	84" to 96"
	CAB-TRUNION DIM. ④ (TANDEM AXLE)		N/A	N/A	N/A	N/A	150" - 162"	130" - 142"	120" - 132"	N/A
	TRUCK FRAME RBM		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)	PUMP MOUNT 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	Direct Mount SAE B, 4 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	200 ft-lbf	200 ft-lbf	200 ft-lbf	200 ft-lbf



- 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.

MODEL	SL-330	SL-400	SL-406	SL-412	SL-520	SL-518	SL-650
MODEL DESCRIPTION	DUMP CAPACITY (INCLUDING CONTAINER)	33,000 lb	40,000 lb	40,000 lb	40,000 lb	50,000 lb	65,000 lb
	DUMP ANGLE	58°	58°	55°	60°	57°	54°
	LIFT CAPACITY (INCLUDING CONTAINER)	33,000 lb	40,000 lb	40,000 lb	40,000 lb	50,000 lb	65,000 lb
	HOIST WEIGHT	5,170 lb	5,290 lb	5,920 lb	4,780 lb	7,055 lb	8,050 lb
GENERAL DIMENSIONS (SEE DIAGRAM)	HOIST WEIGHT ADJ.	5,330 lb	5,450 lb	6,085 lb	4,930 lb	7,310 lb	N/A
	HOOK TO REAR ROLLER (DIM. A)	167.5"	167.5"	209.75"	143.5"	222.75"	226.5"
	HOOK HEIGHT (DIM. B)	61.75"	61.75"	61.75"	61.75"	61.75"	61.75"
	HOOK HEIGHT (DIM. B) ADJ.	61.75" / 53.88"	61.75" / 53.88"	61.75" / 53.88"	61.75" / 53.88"	61.75" / 53.88"	N/A
	HOIST HEIGHT (DIM. C)	11"	11"	11"	11"	12.5"	13"
	HOIST CG (DIM. D)	88.8"	88.8"	114.0"	75.6"	118.0"	125.0"
	BODY LENGTH (DIM. E) 2	14' - 18'	14' - 18'	18' - 22'	12' - 15'	19' - 24'	20' - 24'
	OPTIMUM BODY LENGTHS	14' - 16'	14' - 16'	18' - 20'	12' - 14'	20' - 22' 2	20' - 22'
	BODY LONGSILL WIDTH 3	40.5" / 41.63"	40.5" / 41.63"	40.5" / 41.63"	40.5" / 41.63"	40.5" / 41.63"	40.5" / 41.63"
	BODY LONGSILL WIDTH 3	40.5" / 41.63"	40.5" / 41.63"	40.5" / 41.63"	40.5" / 41.63"	40.5" / 41.63"	40.5" / 41.63"
HYDRAULIC SYSTEMS	HYDRAULIC PUMP TYPE (CID)	Gear (3.83)	Gear (3.83)	Gear (3.83)	Gear (3.83)	Gear (4.46)	Gear (4.46)
	FLOW @ PUMP RPM 6	22.3 GPM @ 1,500 RPM	22.3 GPM @ 1,500 RPM	22.3 GPM @ 1,500 RPM	22.3 GPM @ 1,500 RPM	26.0 GPM @ 1,500 RPM	26.0 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 8	2	2 8	2	2
	BORE	Ø 5.5"	Ø 6"	Ø 6.5"	Ø 6"	Ø 7"	Ø 7.5"
	STROKE	60"	60"	74"	56"	82"	82"
JIB CYLINDER 1	TYPE	ALL MODELS INCORPORATE A SINGLE, DOUBLE ACTING CYLINDER WITH A SINGLE BUILT-IN COUNTERBALANCE VALVES.					
	QUANTITY	1	1 8	1	1 8	1	1
	BORE	Ø 4"	Ø 4"	Ø 4"	Ø 4"	Ø 4.5"	Ø 4.5"
	STROKE	38"	38"	52"	30"	52"	52"
TRUCK SPECS (RECOMMENDED)	GVW RANGE	33,000 lb or greater	45,000 lb or greater	45,000 lb or greater	45,000 lb or greater	50,000 lb or greater	55,000 lb or greater
	CAB-AXLE DIM. (SINGLE AXLE) 4	142" - 156"	N/A	N/A	N/A	N/A	N/A
	CAB-TRUNION DIM. (TANDEM AXLE) 4	130" - 138"	130" - 138"	174" - 180"	102" - 114"	176" - 190"	165" - 174"
	TRUCK FRAME RBM	1,600,000 in lb	2,000,000 in lb	2,000,000 in lb	2,000,000 in lb	2,500,000 in lb	2,750,000 in lb
	CLEAR FRAME RAIL 5	191"	191"	232"	169"	245"	225"
PTO SPECS (RECOMMENDED)	FRAME HEIGHT	up to 43"	up to 43"	up to 45"	up to 45"	up to 45"	up to 45"
	PUMP MOUNT 7	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
	TORQUE REQUIRED	200 ft-lbf	200 ft-lbf	200 ft-lbf	200 ft-lbf	230 ft-lbf	230 ft-lbf



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