



An EFCO Company

SWAPLOADER[®]

"Hooked on Quality"

U.S.A. LTD.



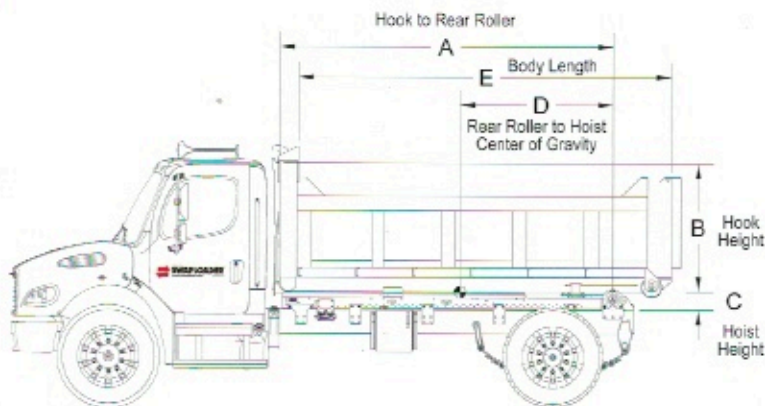
ALL-MODEL SPECIFICATIONS



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ALL-MODEL SPECIFICATIONS

MODEL			SL-75	SL-105	SL-145	SL-180	SL-212	SL-220	SL-222	SL-240
MODEL DESCRIPTION	DUMP CAPACITY (INCLUDING CONTAINER)		7,500 lb	10,500 lb	14,000 lb	18,000 lb	20,000 lb	22,000 lb	22,000 lb	24,000 lb
	DUMP ANGLE		56°	58°	56°	57°	58°	53°	53°	53°
	LIFT CAPACITY (INCLUDING CONTAINER)		7,500 lb	10,500 lb	14,000 lb	18,000 lb	20,000 lb	22,000 lb	22,000 lb	24,000 lb
	HOIST WEIGHT	FIXED	1,250 lb	1,680 lb	2,250 lb	2,840 lb	2,520 lb	4,100 lb	4,050 lb	3,900 lb
ADJ.		N/A	N/A	N/A	3,005 lb	2,640 lb	4,330 lb	4,280 lb	4,200 lb	
GENERAL DIMENSIONS (SEE DIAGRAM)	HOOK TO REAR ROLLER (DIM. A)		114.38"	116.00"	138.38"	153.88"	138.00"	193.81"	179.81"	159.81"
	HOOK HEIGHT (DIM. B)	FIXED	35.63"	35.63"	35.63"	35.63"	35.63"	53.88"	53.88"	53.88"
		ADJ.	N/A	N/A	N/A	35.63" / 53.88"	35.63" / 53.88"	53.88" / 61.75"	53.88" / 61.75"	53.88" / 61.75"
	HOIST HEIGHT (DIM. C)		5.25"	5.5"	6.5"	7.5"	7.5"	9"	9"	9"
	HOIST CG (DIM. D)		59.7"	58.1"	68.7"	77.0"	64.0"	97.8"	95.2"	88.0"
	OPTIMUM BODY LENGTHS (DIM. E)		10' - 12'	10' - 12'	12' - 14'	14' - 16'	12' - 14'	18' - 20' ❶	16' - 18'	14' - 16'
	POTENTIAL BODY LENGTHS (DIM. E) ❶		9' - 13'	10' - 13'	12' - 15'	14' - 18'	12' - 16'	18' - 22'	16' - 20'	14' - 18'
HYDRAULIC SYSTEMS	BODY LONGSILL WIDTH ❷		41.63" / 39.00"	41.63"	41.63" / 40.50"	41.63" / 40.50"	41.63" / 40.50"	41.63" / 40.50"	41.63" / 40.50"	41.63" / 40.50"
	HYDRAULIC PUMP TYPE (ICD)		Gear (0.85)	Gear (1.86)	Gear (2.96)	Gear (2.96)	Gear (2.96)	Gear (4.46)	Gear (4.46)	Gear (4.46)
	FLOW @ PUMP RPM ❸		3.1 GPM @ 1,000 RPM	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	3,250 PSI	2,800 PSI	2,800 PSI	2,800 PSI
LIFT CYLINDER	HYDRAULIC RESERVOIR		7 gal	15 gal	15 gal	15 gal	15 gal	25 gal	25 gal	25 gal
	TYPE		ALL MODELS INCORPORATE DOUBLE ACTING CYLINDERS WITH DUAL BUILT-IN COUNTERBALANCE VALVE.							
	QUANTITY		1	2	2	2	2	2	2	2
	BORE		Ø 4"	Ø 4"	Ø 5"	Ø 5.25"	Ø 5.5"	Ø 6"	Ø 6"	Ø 6"
	STROKE		38"	38"	40"	54"	46"	54"	54"	54"
JIB CYLINDER	TYPE ❹		MODELS INCORPORATE A SINGLE, DOUBLE ACTING CYLINDER WITH A SINGLE BUILT-IN COUNTERBALANCE VALVE.							
	QUANTITY		2	1	1	1	1	1	1	1
	BORE		Ø 1.5"	Ø 2.5"	Ø 3"	Ø 3"	Ø 3"	Ø 3.5"	Ø 3.5"	Ø 3.5"
	STROKE		20"	24"	32"	36"	32"	48"	34"	30"
TRUCK SPECS (RECOMMENDED)	GVW RANGE ❺		14,000 lb - 16,000 lb	16,000 lb - 19,000 lb	18,000 lb - 26,000 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. (SINGLE AXLE) ❷		84" - 96"	84" - 96"	102" - 120"	120" - 138"	108" - 120"	156" - 174"	142" - 160"	130" - 144"
	CAB-TRUNNION DIM. (TANDEM AXLE) ❷		N/A	N/A	N/A	N/A	N/A	150" - 162"	130" - 142"	120" - 132"
	CLEAR FRAME RAIL ❸		126"	130"	152"	172"	156"	216"	202"	184"
	FRAME HEIGHT		up to 38"	up to 40"	up to 40"	up to 40"	up to 40"	up to 43"	up to 43"	up to 43"
PTO SPECS (RECOMMENDED)	PUMP MOUNT ❹		Direct Mount SAE A, 2 Bolt	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
	TORQUE REQUIRED		40 ft-lbf	80 ft-lbf	125 ft-lbf	125 ft-lbf	125 ft-lbf	200 ft-lbf	200 ft-lbf	200 ft-lbf



SL-2418	SL-330	SL-400	SL-406	SL-412	SL-518	SL-520	SL-650
24,000 lb	33,000 lb	40,000 lb	40,000 lb	40,000 lb	54,000 lb	50,000 lb	65,000 lb
57°	58°	58°	55°	60°	57°	57°	54°
18,000 lb	33,000 lb	40,000 lb	40,000 lb	40,000 lb	53,000 lb	50,000 lb	65,000 lb
3,040 lb	5,170 lb	5,290 lb	5,920 lb	4,780 lb	6,600 lb	7,065 lb	8,050 lb
N/A	5,330 lb	5,450 lb	6,085 lb	4,930 lb	6,840 lb	7,310 lb	N/A
118.00"	167.50"	167.50"	209.75"	143.50"	201.00"	222.75"	226.50"
53.88"	61.75"	61.75"	61.75"	61.75"	61.75"	61.75"	61.75"
N/A	61.75" / 53.88"	61.75" / 53.88"	61.75" / 53.88"	61.75" / 53.88"	61.75" / 53.88"	61.75" / 53.88"	N/A
9"	11"	11"	11"	11"	12"	12.5"	13"
63.8"	88.8"	88.8"	114.0"	75.6"	108.0"	118.0"	125.0"
10' - 12'	14' - 16'	14' - 16'	18' - 20'	12' - 14'	18' - 20' ①	20' - 22'	20' - 22'
10' - 13'	14' - 18'	14' - 18'	18' - 22'	12' - 15'	17' - 22'	19' - 24'	20' - 24'
41.63" / 40.50"	40.50" / 41.63"	40.50" / 41.63"	40.50" / 41.63"	40.50" / 41.63"	40.50" / 41.63"	40.50" / 41.63"	40.50" / 41.63"
Gear (4.46)	Gear (3.83)	Gear (3.83)	Gear (3.83)	Gear (3.83)	Gear (4.46)	Gear (4.46)	Gear (4.46)
17.4 GPM @ 1,000 RPM	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	26.0 GPM @ 1,500 RPM
2,800 PSI	3,500 PSI	3,500 PSI	3,500 PSI	3,500 PSI	3,500 PSI	3,500 PSI	3,500 PSI
25 gal	30 gal	30 gal	30 gal	30 gal	30 gal	30 gal	30 gal
ALL MODELS INCORPORATE DOUBLE ACTING CYLINDERS WITH DUAL BUILT-IN COUNTERBALANCE VALVE.							
2 ④	2 ④	2 ④	2	2 ④	2	2	2
Ø 5.5"	Ø 5.5"	Ø 6"	Ø 6.5"	Ø 6"	Ø 7"	Ø 7"	Ø 7.5"
39"	60"	60"	74"	56"	74"	82"	82"
MODELS INCORPORATE A SINGLE, DOUBLE ACTING CYLINDER WITH A SINGLE BUILT-IN COUNTERBALANCE VALVE.							
1 ④	1 ④	1 ④	1	1 ④	1	1	1
Ø 4"	Ø 4"	Ø 4"	Ø 4"	Ø 4"	Ø 4.5"	Ø 4.5"	Ø 4.5"
24"	38"	38"	52"	30"	48"	52"	52"
25,000 lb - 35,000 lb	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	50,000 lb or greater	55,000 lb or greater
84" to 96"	142" - 156"	N/A	N/A	N/A	N/A	N/A	N/A
N/A	130" - 138"	130" - 138"	174" - 180"	102" - 114"	165" - 174"	176" - 190"	172" - 190"
134"	191"	191"	232"	169"	225"	245"	249"
up to 43"	up to 43"	up to 43"	up to 45"	up to 45"	up to 45"	up to 45"	up to 45"
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	Direct Mount SAE B, 4 Bolt
200 ft-lbf	200 ft-lbf	200 ft-lbf	200 ft-lbf	200 ft-lbf	230 ft-lbf	230 ft-lbf	230 ft-lbf

- ① Hoist potential body length range may not conform with I.C.C. bumper regulations or may not achieve maximum dump angle depending on truck chassis height. Shorter bodies available on some models with use of a shelf assembly or CVS system. Contact your SwapLoader distributor for more information.
- ② Maximum outside to outside long sill width.
- ③ Pump RPM and Flow are dependent on engine RPM and PTO ratio.
- ④ Polished nitrided cylinder rod.
- ⑤ Counterbalance valve manifold.
- ⑥ A lower GVW will limit your payload potential.
- ⑦ Optimum CA/CT dimension will be influenced by type of loads carried and turning radius requirements.
- ⑧ Clear frame dimension 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, taper, exhaust system, etc.
- ⑨ PTO/Pump rotation as determined by transmission.

ONE TRUCK UNLIMITED POSSIBILITIES



- ▶ **QUALITY**
- ▶ **INTEGRITY**
- ▶ **INNOVATION**
- ▶ **SUPER SERVICE**



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WHAT COULD YOU DO WITH A **SWAPLOADER** TODAY?



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