

SWAPLOADER HEAVY DUTY SERIES HOOK LIFT

ALL STANDARD FEATURES

PROPER PTO/PUMP

OVERSPEED PROTECTION

INSIDE CONTROLS 2-LEVER INSIDE AIR CONTROLS

FULL STEEL TANDEM AXLE FENDERS

SHORT MUD FLAPS ATTACHED TO REAR BUMPER

END OF FRAME COVER PLATE

BUMPER W/ RECESSED LED LIGHTS

DUAL REAR WORK LIGHTS W/ STEEL GUARDS

COLOR LCD REAR VISION CAMERA SYSTEM

48" TOOL BOX ON CURBSIDE

BACK-UP ALARM

TAG LIGHT

MOUNTED

PAINTED GLOSS BLACK

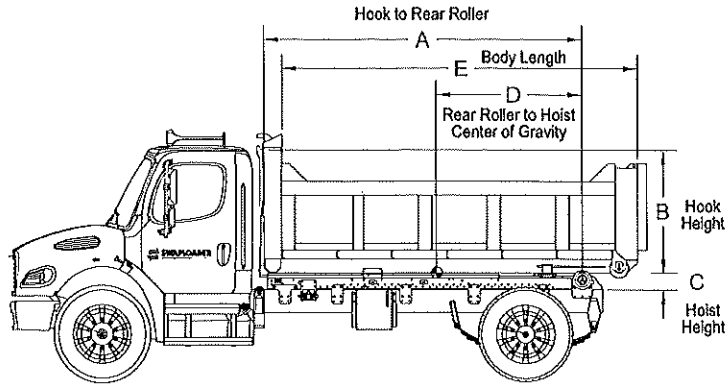
DELIVERED NC STATEWIDE

SEE TABLE

| MODEL | | LIST PRICE |
|-----------------------|--|--------------|
| HEAVY DUTY SERIES | | |
| | | |
| SL-518 FIXED JIB | | \$ 72,977.00 |
| | | |
| SL-518 ADJUSTABLE JIB | | \$ 73,797.00 |
| | | |
| SL-520 FIXED JIB | | \$ 73,034.00 |
| | | |
| SL-520 ADJUSTABLE JIB | | \$ 73,854.00 |
| | | |
| SL-650 FIXED JIB | | \$ 80,699.00 |
| | | |
| | | |

ALL-MODEL SPECIFICATIONS

| MODEL | | SL-75 | SL-105 | SL-160 | SL-212 | SL-214 | SL-220 | SL-222 | SL-240 |
|-------------------------------------|-------------------------------------|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| MODEL DESCRIPTION | DUMP CAPACITY (INCLUDING CONTAINER) | 7,500 lb | 10,500 lb | 16,000 lb | 20,000 lb | 20,000 lb | 22,000 lb | 22,000 lb | 24,000 lb |
| | DUMP ANGLE | 56° | 58° | 56° | 58° | 57° | 53° | 53° | 53° |
| | LIFT CAPACITY (INCLUDING CONTAINER) | 7,500 lb | 10,500 lb | 16,000 lb | 20,000 lb | 20,000 lb | 22,000 lb | 22,000 lb | 24,000 lb |
| | HOIST WEIGHT | FIXED 1,250 lb ADJ. N/A | 1,680 lb N/A | 2,325 lb 2,467 lb | 2,520 lb 2,640 lb | 2,720 lb 2,860 lb | 4,100 lb 4,330 lb | 4,050 lb 4,280 lb | 3,900 lb 4,200 lb |
| GENERAL DIMENSIONS (SEE DIMENSIONS) | HOOK TO REAR ROLLER (DIM. A) | 114.38" | 116.00" | 139.63" | 138.00" | 153.63" | 193.81" | 179.81" | 159.81" |
| | HOOK HEIGHT (DIM. B) | FIXED 35.63" ADJ. N/A | 35.63" N/A | 35.63" 35.63" / 53.88" | 35.63" 35.63" / 53.88" | 35.63" 35.63" / 53.88" | 53.88" 53.88" / 61.75" | 53.88" 53.88" / 61.75" | 53.88" 53.88" / 61.75" |
| | HOIST HEIGHT (DIM. C) | 5.25" | 5.5" | 7.5" | 7.5" | 7.5" | 9" | 9" | 9" |
| | HOIST CG (DIM. D) | 59.7" | 58.1" | 70.65" | 64.0" | 80.3" | 97.8" | 95.2" | 88.0" |
| | OPTIMUM BODY LENGTHS (DIM. E) | 10' - 12' | 10' - 12' | 12' - 14' | 12' - 14' | 14' - 16' | 18' - 20' ① | 16' - 18' | 14' - 16' |
| | POTENTIAL BODY LENGTHS (DIM. E) | 9' - 13' | 10' - 13' | 10' - 15' | 10' - 16' | 12' - 18' | 14' - 22' | 14' - 20' | 12' - 18' |
| | BODY LONGSILL WIDTH ② | 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 SYSTEMS | HYDRAULIC PUMP TYPE (CID) | 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 ③ | 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 |
| | HYDRAULIC RESERVOIR | 7 gal | 15 gal | 15 gal | 15 gal | 15 gal | 25 gal | 25 gal | 25 gal |
| LIFT CYLINDER | 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 5.5" | Ø 5.5" | Ø 6" | Ø 6" | Ø 6" |
| | STROKE | 38" | 38" | 43" | 46" | 54" | 54" | 54" | 54" |
| JIB CYLINDER | TYPE ⑤ | 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" | 32" | 36" | 48" | 34" | 30" |
| TRUCK SPECS (RECOMMENDED) | GVW RANGE ⑥ | 14,000 lb - 16,000 lb | 16,000 lb - 19,000 lb | 18,000 lb - 26,000 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 | 25,000 lb - 35,000 lb |
| | CAB-AXLE DIM. (SINGLE AXLE) ⑦ | 84" - 96" | 84" - 96" | 108" - 120" | 108" - 120" | 120" - 138" | 156" - 174" | 142" - 160" | 130" - 144" |
| | CAB-TRUNNION DIM. (TANDEM AXLE) ⑦ | N/A | N/A | N/A | N/A | N/A | 150" - 162" | 130" - 142" | 120" - 132" |
| | CLEAR FRAME RAIL ⑧ | 126" | 130" | 153" | 156" | 172" | 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 ⑨ | 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° |
| 24,000 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 | 7,055 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' | 12' - 18' | 12' - 18' | 16' - 22' | 12' - 15' | 15' - 22' | 17' - 24' | 17' - 24' |
| 41.63" / 40.50" | 40.50" / 41.83" | 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 6" for cab clearance and rear light bar mounting. Additional frame length may be necessary for other accessories such as cab guard, tarp, exhaust system, etc.
- ⑨ PTO/Pump rotation as determined by transmission.