

An EFCO Company

# SWAPLOADER

*"Hooked on Quality"*

U.S.A. LTD.



# ALL-MODEL SPECIFICATIONS



# ONE TRUCK **UNLIMITED** **POSSIBILITIES**

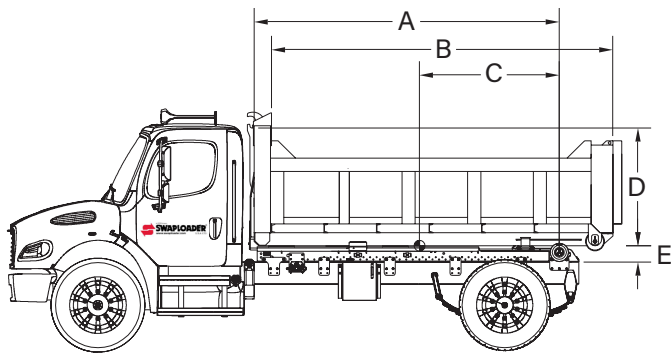


 **QUALITY**  
 **INTEGRITY**  
 **INNOVATION**  
 **SUPER SERVICE**



# ALL-MODEL SPECIFICATIONS

| MODEL                            |                                              | SL-75                                                                                    | SL-105                                                                                           | SL-112                | SL-160                | SL-212                | SL-214                | SL-220                 | SL-222                | SL-240                |
|----------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|
| MODEL DESCRIPTION                | LIFT/DUMP CAPACITY (INCLUDING CONTAINER)     | 7,500 lb                                                                                 | 10,500 lb                                                                                        | 12,000 lb             | 16,000 lb             | 20,000 lb             | 20,000 lb             | 22,000 lb              | 22,000 lb             | 24,000 lb             |
|                                  | DUMP ANGLE                                   | 56°                                                                                      | 58°                                                                                              | 55°                   | 56°                   | 58°                   | 57°                   | 53°                    | 53°                   | 53°                   |
|                                  | HOIST WEIGHT <sup>1</sup>                    | FIXED                                                                                    | 1,290 lb                                                                                         | 1,570 lb              | —                     | 2,300 lb              | 2,540 lb              | 2,760 lb               | 4,080 lb              | 3,920 lb              |
|                                  |                                              | ADJ.                                                                                     | —                                                                                                | —                     | 2,060 lb              | 2,450 lb              | 2,680 lb              | 2,910 lb               | 4,270 lb              | 4,330 lb              |
|                                  |                                              | HYD.                                                                                     | —                                                                                                | —                     | —                     | —                     | —                     | —                      | —                     | —                     |
| GENERAL DIMENSIONS (SEE DIAGRAM) | HOOK TO REAR ROLLER (DIM. A)                 | 114.38"                                                                                  | 116.00"                                                                                          | 135.38"               | 139.63"               | 138.00"               | 153.63"               | 193.81"                | 179.81"               | 159.81"               |
|                                  | HOOK HEIGHT (DIM. D)                         | FIXED                                                                                    | 35.63"                                                                                           | 35.63"                | —                     | 35.63"                | 35.63"                | 35.63"                 | 53.88"                | 53.88"                |
|                                  |                                              | ADJ.                                                                                     | —                                                                                                | —                     | 35.63"/53.88"         | 35.63"/53.88"         | 35.63"/53.88"         | 53.88"/61.75"          | 53.88"/61.75"         | 53.88"/61.75"         |
|                                  |                                              | HYD.                                                                                     | —                                                                                                | —                     | —                     | —                     | —                     | —                      | —                     | —                     |
|                                  | HOIST HEIGHT (DIM. E)                        | 5.25"                                                                                    | 5.5"                                                                                             | 6.625"                | 7.5"                  | 7.5"                  | 7.5"                  | 9"                     | 9"                    | 9"                    |
|                                  | HOIST CG (DIM. C)                            | 59.7"                                                                                    | 58.1"                                                                                            | 68.8"                 | 70.65"                | 64.0"                 | 80.3"                 | 97.8"                  | 95.2"                 | 88.0"                 |
|                                  | OPTIMUM BODY LENGTHS (DIM. B)                | 10' - 12'                                                                                | 10' - 12'                                                                                        | 12' - 14'             | 12' - 14'             | 12' - 14'             | 14' - 16'             | 18' - 20' <sup>2</sup> | 16' - 18'             | 14' - 16'             |
| HYDRAULIC SYSTEMS                | POTENTIAL BODY LENGTHS (DIM. B)              | 9' - 13'                                                                                 | 10' - 13'                                                                                        | 10' - 15'             | 10' - 15'             | 10' - 16'             | 12' - 18'             | 14' - 22'              | 14' - 20'             | 12' - 18'             |
|                                  | BODY LONGSILL WIDTH <sup>3</sup>             | 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"         | 41.63"/40.50"         |
|                                  | FLOW (RECOMMENDED)                           | 3.1 GPM                                                                                  | 7.2 GPM                                                                                          | 7.2 GPM               | 11.4 GPM              | 11.4 GPM              | 11.4 GPM              | 17.4 GPM               | 17.4 GPM              | 17.4 GPM              |
| LIFT CYLINDER                    | RELIEF PRESSURE                              | 3,250 PSI                                                                                | 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                | 15 gal                | 25 gal                 | 25 gal                | 25 gal                |
|                                  | TYPE                                         | ALL MODELS INCORPORATE DOUBLE-ACTING CYLINDERS WITH DUAL BUILT-IN COUNTERBALANCE VALVES. |                                                                                                  |                       |                       |                       |                       |                        |                       |                       |
|                                  | QUANTITY                                     | 1                                                                                        | 2                                                                                                | 2                     | 2                     | 2                     | 2                     | 2                      | 2                     | 2                     |
| JIB CYLINDER                     | BORE                                         | Ø 4"                                                                                     | Ø 4"                                                                                             | Ø 4.5"                | Ø 5"                  | Ø 5.5"                | Ø 5.5"                | Ø 6"                   | Ø 6"                  | Ø 6"                  |
|                                  | STROKE                                       | 38"                                                                                      | 38"                                                                                              | 44"                   | 43"                   | 46"                   | 54"                   | 54"                    | 54"                   | 54"                   |
|                                  | TYPE                                         | <sup>5</sup>                                                                             | MODELS INCORPORATE A SINGLE, DOUBLE-ACTING CYLINDER WITH A SINGLE BUILT-IN COUNTERBALANCE VALVE. |                       |                       |                       |                       |                        |                       |                       |
|                                  | QUANTITY                                     | 2                                                                                        | 1                                                                                                | 1                     | 1                     | 1                     | 1                     | 1                      | 1                     | 1                     |
| TRUCK SPECS (RECOMMENDED)        | BORE                                         | Ø 1.5"                                                                                   | Ø 2.5"                                                                                           | Ø 2.5"                | Ø 3"                  | Ø 3"                  | Ø 3"                  | Ø 3.5"                 | Ø 3.5"                | Ø 3.5"                |
|                                  | STROKE                                       | 20"                                                                                      | 24"                                                                                              | 28"                   | 32"                   | 32"                   | 36"                   | 48"                    | 34"                   | 30"                   |
|                                  | GVWR RANGE                                   | 14,000 lb - 16,000 lb                                                                    | 16,000 lb - 19,500 lb                                                                            | 16,000 lb - 23,000 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) <sup>6</sup>     | 84" - 96"                                                                                | 84" - 96"                                                                                        | 108" - 120"           | 108" - 120"           | 108" - 120"           | 120" - 138"           | 156" - 174"            | 142" - 160"           | 130" - 144"           |
|                                  | CAB-TRUNNION DIM. (TANDEM AXLE) <sup>6</sup> | —                                                                                        | —                                                                                                | —                     | —                     | —                     | —                     | 148" - 160"            | 134" - 146"           | 118" - 130"           |
|                                  | CLEAR FRAME RAIL <sup>7</sup>                | 126"                                                                                     | 130"                                                                                             | 152"                  | 153"                  | 156"                  | 172"                  | 220"                   | 206"                  | 186"                  |
|                                  | FRAME HEIGHT                                 | up to 38"                                                                                | up to 40"                                                                                        | up to 38"             | up to 40"             | up to 40"             | up to 40"             | up to 43"              | up to 43"             | up to 43"             |



A = Hook to Rear Roller  
 B = Body Length  
 C = Rear Roller to Hoist Center of Gravity  
 D = Hook Height  
 E = Hoist Height

| SL-2418                                                                                          | SL-330               | SL-400               | SL-412               | SL-418X              | SL-518X              | SL-520X              | SL-650               |
|--------------------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 24,000 lb                                                                                        | 33,000 lb            | 40,000 lb            | 40,000 lb            | 40,000 lb            | 50,000 lb            | 50,000 lb            | 65,000 lb            |
| 57°                                                                                              | 58°                  | 58°                  | 60°                  | 58°                  | 58°                  | 60°                  | 54°                  |
| 2,870 lb                                                                                         | 5,090 lb             | 5,240 lb             | 4,860 lb             | 5,900 lb             | 5,900 lb             | 6,200 lb             | 8,190 lb             |
| —                                                                                                | 5,250 lb             | 5,410 lb             | 5,020 lb             | 6,040 lb             | 6,040 lb             | 6,340 lb             | —                    |
| —                                                                                                | —                    | —                    | —                    | —                    | —                    | 6,430 lb             | —                    |
| 118.00"                                                                                          | 167.50"              | 167.50"              | 143.50"              | 201.00"              | 201.00"              | 222.75"              | 226.50"              |
| 53.88"                                                                                           | 61.75"               | 61.75"               | 61.75"               | 61.75"               | 61.75"               | 61.75"               | 61.75"               |
| —                                                                                                | 61.75"/53.88"        | 61.75"/53.88"        | 61.75"/53.88"        | 61.75"/53.88"        | 61.75"/53.88"        | 61.75"/53.88"        | —                    |
| —                                                                                                | —                    | —                    | —                    | —                    | —                    | 61.75" / 53.88"      | —                    |
| 9"                                                                                               | 11"                  | 11"                  | 11"                  | 11.5"                | 11.5"                | 11.5"                | 13"                  |
| 63.8"                                                                                            | 88.8"                | 88.8"                | 75.6"                | 105.5"               | 105.5"               | 115.0"               | 125.0"               |
| 10' - 12'                                                                                        | 14' - 16'            | 14' - 16'            | 12' - 14'            | 18' - 20'            | 18' - 20'            | 20' - 22'            | 20' - 22'            |
| 10' - 13'                                                                                        | 12' - 18'            | 12' - 18'            | 12' - 15'            | 14' - 22'            | 14' - 22'            | 17' - 24'            | 17' - 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"        |
| 17.4 GPM                                                                                         | 22.3 GPM             | 22.3 GPM             | 22.3 GPM             | 21.0 GPM             | 21.0 GPM             | 21.0 GPM             | 26.0 GPM             |
| 2,800 PSI                                                                                        | 3,500 PSI            | 3,500 PSI            | 3,500 PSI            | 3,850 PSI            | 4,650 PSI            | 4,650 PSI            | 3,500 PSI            |
| 25 gal                                                                                           | 30 gal               | 30 gal               | 30 gal               | 25 gal               | 25 gal               | 25 gal               | 30 gal               |
| ALL MODELS INCORPORATE DOUBLE-ACTING CYLINDERS WITH DUAL BUILT-IN COUNTERBALANCE VALVES.         |                      |                      |                      |                      |                      |                      |                      |
| 2 <sup>4</sup>                                                                                   | 2 <sup>4</sup>       | 2 <sup>4</sup>       | 2 <sup>4</sup>       | 2                    | 2                    | 2                    | 2                    |
| Ø 5.5"                                                                                           | Ø 5.5"               | Ø 6"                 | Ø 6"                 | Ø 6"                 | Ø 6"                 | Ø 6"                 | Ø 7.5"               |
| 39"                                                                                              | 60"                  | 60"                  | 56"                  | 78.75"               | 78.75"               | 85.25"               | 82"                  |
| MODELS INCORPORATE A SINGLE, DOUBLE-ACTING CYLINDER WITH A SINGLE BUILT-IN COUNTERBALANCE VALVE. |                      |                      |                      |                      |                      |                      |                      |
| 1 <sup>4</sup>                                                                                   | 1 <sup>4</sup>       | 1 <sup>4</sup>       | 1 <sup>4</sup>       | 1                    | 1                    | 1                    | 1                    |
| Ø 4"                                                                                             | Ø 4"                 | Ø 4"                 | Ø 4"                 | Ø 4"                 | Ø 4"                 | Ø 4"                 | Ø 4.5"               |
| 24"                                                                                              | 38"                  | 38"                  | 48"                  | 48"                  | 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"          | —                    | —                    | —                    | —                    | —                    | —                    |
| —                                                                                                | 124" - 136"          | 124" - 136"          | 103" - 115"          | 158" - 170"          | 158" - 170"          | 178" - 190"          | 183"-195"            |
| 135"                                                                                             | 195"                 | 195"                 | 173"                 | 229"                 | 229"                 | 248"                 | 252"                 |
| up to 43"                                                                                        | up to 43"            | up to 43"            | up to 45"            | up to 45"            | up to 45"            | up to 45"            | up to 45"            |

- 1 The hoist weight includes the base hoist with installation kit and cylinder oil.
- 2 Hoist body length range may not conform with I.C.C. bumper regulations or may not achieve maximum dump angle depending on truck chassis height.
- 3 Maximum outside to outside long sill width.
- 4 Polished nitrided cylinder rod.
- 5 Counterbalance valve manifold.
- 6 Optimum CA/CT dimension will be influenced by type of loads carried and turning radius requirements.
- 7 The clear frame dimension given is the overall length of the hoist plus 5" for cab clearance and rear light bar mounting. Additional frame length may be necessary for accessories such as cab guard, tarper, exhaust system, etc.



# WHAT COULD YOU DO WITH A SWAPLOADER TODAY?



## HOOKED ON QUALITY





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