

SPECIFICATIONS

Contact your Schaeff lift truck dealer for further information including operator training programs and safety related equipment.

Schaeff products and specifications are subject to change without notice.

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SAFETY Standards

These lift trucks meet American National Standards Institute (ANSI) B56.1, part III Safety Standards for Low Lift and High Lift Trucks.

Users should be aware of, and adhere to, applicable codes and regulations regarding operator training, use, and maintenance of powered industrial trucks, including: * ANSI B56.1, part II.

* National Fire Protection Association (NFPA) 505, Fire Safety Standards for Powered Industrial Trucks - Type Designations, Areas of Use, Maintenance and Operation.

* Underwriters Laboratories (UL) 583, Standard for Safety for Electric-Battery-Powered Industrial Trucks.

* Occupational Safety and Health Administration (OSHA) regulations that may apply.

| Model | | W35 | W38 |
|------------------------------|----|--|-------|
| Capacity @ 24 in load center | lb | 3,500 | 3,800 |
| Power | | Electric-36 Volt | |
| Steering | | Power - Electric | |
| Traction | | Front-Dual Drive | |
| Brakes | | Front-Dual Disk | |
| Tires-front/rear | | Solid-Rubber (Solid-Poly Optional) (6) | |
| Wheels-front/rear (x=driven) | | 2x1-Dual | |

PERFORMANCE BASED ON 83"

TRIPLEX MAST

| | | | |
|------------------------------|-----|------------|--------|
| Travel speed-empty/loaded | mph | 8/8 | |
| Lift speed-empty/loaded (1) | fpm | 100/67 | 100/66 |
| Lower speed-empty/loaded (1) | fpm | 76/90 | |
| Sound-at operator ears | dba | 78 | |
| Max. gradability with load | % | 15 | |
| Stability | | ANSI B56.1 | |

DIMENSIONS BASED ON 83" TRIPLEX

MAST

| | | | |
|---------------------------------|-----|---------------------------------|-------|
| 1 Lift height | in | 189.8 | 187.8 |
| 2 Collapsed height | in | 83 | |
| 3 Free lift height (w/LBR) | in | 35 | |
| 4 Mast tilt-forward/backward | deg | 3/5 | |
| 5 Load backrest height | in | 48 | |
| 6 Forks (LxTxW) | in | 36-54 x 1.5 x 4, (ITA Class II) | |
| 7 Carriage width (fork spread) | in | 37.5 | |
| 8 Mast/OHG post spread (2) | in | 23.8 | |
| 9 Chassis width (2) | in | 42 | |
| 10 Chassis height | in | 45.7 | |
| 11 Overhead guard height | in | 83 | |
| 12 Under clearance | in | 4 | |
| 13 Grade clearance | % | 34.0 | 33 |
| 14 Step height | in | 7 | |
| 15 Battery roller height | in | 6.8 | |
| 16 Wheelbase | in | 46.8 | 48.8 |
| 17 Length to face of forks (3) | in | 66.3 | 68.3 |
| 18 Turning radius | in | 54.8 | 56.8 |
| 19 Load distance (3) | in | 11.8 | |
| 20 Right angle stacking (3) (4) | in | 66.6 | 68.6 |

WEIGHT BASED ON 83" TRIPLEX

MAST

| | | | |
|--------------------------------------|-----|------------------|------------------|
| Without battery | lb | 6,685 | 7,065 |
| Axle Loading, static, front/rear (5) | lb | 11,042/ 1,352 | 11,675/ 1,496 |
| Floor Loading-max., front/rear (5) | psi | 321/205 | 328/214 |

TIRES

| | | | |
|-----------------------------|----|----------------------------------|--|
| Number-front/rear | | 2/2 | |
| Type/durometer (standard) | | Rubber/80 (Poly/92 Optional) (6) | |
| Size (ODxWxD)-front (drive) | in | 16 x 7 x 10.5 | |
| rear (steer) | in | 10 x 5 x 6.5 | |

MOTORS

| | | | |
|------------------------|----|-----------|--|
| Diameter/type-traction | in | 8.0-SE DC | |
| lift | in | 7.2-SW DC | |
| steer | in | 5.6-PM DC | |

BATTERY

| | | | |
|---------------------------------------|----|-----------------------|-----------------------|
| Type | | Lead - Acid | |
| Voltage | | 36 | |
| Ampere hours-max. (6 Hr) | | 930 | 1,085 |
| Weight-min. | lb | 1,925 | 2,175 |
| Battery Size (LxWxH)-max. | in | 38.63x15.88 x31.00 | 38.69x18.00 x31.00 |
| Battery Compartment Size (LxWxH)-min. | in | 38.75x16.12 x31.50 | 38.81x18.12 x31.50 |
| Connector type (Anderson) | | SB350 - Gray | |
| Lead position/length | in | D - 9 | |

(3) Add 1.1" or 2.4" for Integrated or Quick Mount Side Shifters respectively. Add 2.3" or 1.9" for Quad on W20-W45 or W50-W60 respectively. (4) Add Load Length plus clearance (i.e., 6"). (5) Based on 83" Triplex mast, standard carriage with load backrest, and minimum weight battery, with rated load. (6) With the W40 model, Solid Rubber Drive tires are standard with Triplex mast heights to 240". Solid Poly over 240"