

## 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		W40	W45
Capacity @ 24 in load center	lb	4,0000	4,500
Power		Electric-36 Volt	
Steering		Power - Electric	
Traction		Front-Dual Drive	
Brakes		Front-Dual Disk	
Tires-front/rear		Solid-Rubber (Solid-Poly)	Solid-Poly/Solid Rubber
Wheels-front/rear (x=driven)		2x/1-Dual	

### PERFORMANCE BASED ON 83"

#### TRIPLEX MAST

Travel speed-empty/loaded	mph	8/8	
Lift speed-empty/loaded (1)	fpm	100/65	100/63
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	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	4.0	
13 Grade clearance	%	31.0	
14 Step height	in	7	
15 Battery roller height	in	6.8	
16 Wheelbase	in	51.3	
17 Length to face of forks (3)	in	70.8	
18 Turning radius	in	59.2	
19 Load distance (3)	in	11.8	
20 Right angle stacking (3) (4)	in	71	

### WEIGHT BASED ON 83" TRIPLEX MAST

Without battery	lb	6,855	7,215
Axle Loading, static, front/rear (5)	lb	11,959/ 1,664	12,850/ 1,629
Floor Loading-max., front/rear (5)	psi	452/405	462/400

### TIRES

Number-front/rear		2/2	
Type/durometer (standard)		Rubber/80 (Poly/92)	Poly/92
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)		1,240	
Weight-min.	lb	2,700	
Battery Size (LxWxH)-max.	in	38.75x20.50x31.00	
Battery Compartment Size (LxWxH)-min.	in	38.88x20.75x31.50	
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"