

Model		W50	W55	W60
Capacity @ 24 in load center	lb	5,000	5,500	6,000
Power		Electric-36 Volt		
Steering		Power - Electric		
Traction		Front-Dual Drive		
Brakes		Front-Dual Disk		
Tires-front/rear		Solid-Poly/Solid Rubber		Solid-Poly
Wheels-front/rear (x=driven)		2x/1-Dual		2 Dualx/1-Dual

PERFORMANCE BASED ON 83" TRIPLEX MAST

Travel speed-empty/loaded	mph	7/7		
Lift speed-empty/loaded (1)	fpm	100/55	100/51	90/41
Lower speed-empty/loaded (1)	fpm	76/90		
Sound-at operator ears	dba	78		
Max. gradability with load	%	15		10
Stability		ANSI B56.1		

DIMENSIONS BASED ON 83" TRIPLEX MAST

1 Lift height	in	185.8		184.0
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)		36-54 x 1.75 x 5, (ITA Class III)
7 Carriage width (fork spread)	in		37.5	
8 Mast/OHG post spread (2)	in		23.8	
9 Chassis width (2)	in	42		52.6
10 Chassis height	in		45.7	
11 Overhead guard height	in		83	
12 Under clearance	in		4	
13 Grade clearance	%		29.0	
14 Step height	in		7	
15 Battery roller height	in		6.8	
16 Wheelbase	in		55.8	
17 Length to face of forks (3)	in	76.3	78.1	78.3
18 Turning radius	in	63.7		66
19 Load distance (3)	in		12.8	13
20 Right angle stacking (3) (4)	in	76.5	78.8	79

WEIGHT BASED ON 83" TRIPLEX MAST

Without battery	lb	7,665	8,000	8,600
Axle Loading, static, front/rear (5)	lb	13,916/ 1,392	14,675/ 1,549	15,690/ 1,630
Floor Loading-max., front/rear (5)	psi	476/366	486/390	490/300

TIRES

Number-front/rear		2/2		4/2
Type/durometer (standard)		Poly/92		
Size (ODxWxD)-front (drive)	in	16 x 7 x 10.5		16 x 5 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		2,800
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".