

CHARACTERISTICS	Manufacturer	(Abbreviation / Symbol)	BLUE GIANT		
	Model	Manufacturer's designation	BGL-22	BGL-30	BGL-40
	Capacity	Q Rated capacity	2,200 lb	3,000 lb	4,000 lb
	Load center	C Distance (Refer to charts)	24"		
	Power type	Electrical	24 volt		
	Control type	Hand, Pedestrian, Ride-On	Hand / Pedestrian		
	Tire equipment	Drive end / Load end	Poly / Poly		
	Wheels	Number (x=driven) Drive end/Load end	1 x + 0 /2		
DIMENSIONS	Lift	H3 Lift	Refer to charts		
		Lift and fork height	Refer to charts		
		H2 Free lift	Refer to charts		
	Forks	S Forks lowered	3"		
		I Length standard	42"		
		Length optional	36", 48"		
		B3 Fork adjustment	8" - 31.25"		
	Overall dimensions	E Fork width x Thickness	4" x 1.75"		
		L Length	107"		
		L2 Length	65"		
		B Width	38"		
		H1 Lowered mast height	Refer to charts		
	Turning radius	H4 Raised mast height	Refer to charts		
		WA	58"		
90° Stacking aisle		L2 + Load length + 8"			
PERFORMANCE	Speeds	Traveling - with load	2.0 mph	1.7 mph	1.6 mph
		Traveling - without load	3.0 mph	3.0 mph	2.6 mph
		Lifting - with load	39 fpm	38 fpm	31 fpm
		Lifting - without load	59 fpm		
		Lowering - with load	34 fpm	16 fpm	13 fpm
		Lowering - without load	25 fpm		
Grade clearance		5%			
LOAD	Dead weight	Excluding battery	4,000 lb	4,500 lb	5,000 lb
	Axle loading	Loaded - drive end	10%	10%	4%
		Loaded - load end	90%	90%	96%
CHASSIS	Tires	Quantity - Drive end / Load end	1 / 2		
		Dia. x width - Drive end	10" x 4"		
		Dia. x width - Load end	10" x 5"		
	Wheel base	Y Distance between wheels	46.25"		
	Ground clearance	Bumper to floor/Mast to floor	4" / 2"		
	Track		31.5"		
	Service brake		Mechanical		
	Parking brake		Automatic		
POWER / DRIVE UNIT	Battery	Type	Wet		
		Voltage / AH	24 / 510		
		Battery compartment L x W x H	13.25" x 32" x Open		
	Electric motors	Drive motor	1 hp		
		Lift motor	6.93 hp		
	Drive control	Type	Solid state		
Stages forward / reverse		Variable			
Transmission	Type	Geared			
DOWNRATING	Capacity	130"	-	-	3,700 lb
		150"	-	-	3,500 lb
		160"	2,000 lb	2,850 lb	3,400 lb
		172"	-	2,700 lb	-