



Lead-Acid Battery Powered

Counterbalanced Forklift

FTB20E-22 4000lbs

Pneumatic Tires

- ✓ Better operator comfort and controllability
- ✓ Standard components for easy service and maintenance
- ✓ Lead Acid battery for longer run-time and improved productivity
- ✓ Enhanced environmental friendliness and increased economy

LEAD-ACID BATTERY POWERED FORKLIFT TRUCK FTB20E-22 (FEATURE & SPECIFICATIONS)

Characteristics	1	Manufacturer		Unit	HELMAR		
	2	Model			FTB20E-22		
	3	Load Capacity		lbs.	4,000		
	4	Load Center		Inches	19.6875"		
	5	Power Unit			Battery		
	6	Operation Type			Driver/Seat		
	7	Tire Type	Front / Rear				
	8	Wheels (x = driven wheel)	Front / Rear		2x/2		
Dimensions	9	Maximum Lift Height		Inches	118"		
	10	Free Lift Height		Inches	4.33"		
	11	Fork Size (K, M, L)	L x W x T	Inches	36.22 x 3.93 x 1.37		
	12	Tilt Angle	Fwd. / Bwd.	deg.	5/6.5		
	13	Total Length (without fork)		Inches	74.60"		
	14	Total Width		Inches	41.50"		
	15	Height of Head Guard		Inches	77.55"		
	16	Mast Height (fork lowered)		Inches	80"		
	17	Overall Height Fork Raised (with backrest)		Inches	196"		
	18	Minimum Turning Radius (outside)		Inches	61.02"		
	19	Load Distance (fork front face to front axle)		Inches	14.96"		
	20	Right angle stacking isle		Inches	130.90"		
Performance	21	Speeds	Max Tavel Speed (fwd/bwd)	Full Load	mph	9.32	
				No Load	mph	9.94	
			Lifting Speed	Full Load	inches/sec	13.78"	
				No Load	inches/sec	20.47"	
			Lowering Speed	Full Load	inches/sec	19.68"	
				No Load	inches/sec	17.72"	
22	Grade Ability	Full Load		%	20		
		No Load		%	20		
Weights	23	Truck Weight	With Battery	lbs.	6,790		
	24	Weight Distribution	Full Load	Front Axle	lbs.	9,656	
				Rear Axle	lbs.	1,102	
			No Load	Front Axle	lbs.	3,075	
Rear Axle				lbs.	3,714.80		
Chasis & Wheels	25	Tires	Number	Front/Rear		2/2	
			Size	Front			18 x 7-8
				Rear			15 x 4.5-8
	26	Wheelbase		Inches	53.54"		
	27	Tread	Front/Rear	Inches	35.83" / 7.09"		
	28	Ground Clearance	Mast	Inches	4.29"		
Frame			Inches	3.74"			
29	Brake	Service Brake			Hydraulic Foot Pedal		
		Parking Brake			Manual		
Power Train	30	Battery	Voltage/Capacity	V-AH/5hr	48V-500		
			Weight (with battery box)	lbs.	1807.79 - 1918		
	31	Electric Motors	AC Drive Motor	Kw/60Min	4.75		
			DC Hydraulic Motor	Kw/5Min	8.2		
			AC Hydraulic Motor (optional)	Kw/5Min	10		
	32	Control Type				Travelling: AC Lifting: DC	
33	Operation Pressure		kg/cm ²	175			



Stronger Power:

Double AC driving motor has stronger power and grade ability, which is hermetic, maintenance-free, and good adaptability to the environment.



Easier Maintenance:

Battery can be taken out from one side, more convenient and faster for replacing battery with a small pallet truck.



Comfortable Driving:

With enlarged space for foot operation, more comfortable, convenient and easy to get on and off for drivers

Remarks: Helmar Incorporated reserves the right to make any changes without notice concerning specifications detailed in this brochure.