



Electric three-wheel counterbalance forklift truck

Part No.: VBF02040186

Features

- √ Compact size, light weight, short turning radius, more suitable for narrow work site
- √ Solid rubber tires for front wheels, strong grip and steady operation
- √ The gantry adopts the buffer system design, with the function of tilting forward and backward
- √ Control system, with multiple automatic protection functions, with higher functional security
- √ Equipped with full AC drive system, with small size, light weight, high efficiency, maintenance free and other characteristics
- √ The EPS steering energy consumption is reduced by 20%, the operation is accurate, the steering is light and flexible, the driver fatigue is reduced, and the production efficiency is greatly improved
- √ Double insurance of electric brake and foot brake is adopted for temporary parking of forklift truck on ramp to provide safety guarantee for vehicle parking on ramp

Technical specification

Type	UNIT	VBF02040186
Load	kg	1500
Center distance of load	mm	500
Front Overhang	mm	305
Wheelbase	mm	1200
Self-weight (including battery)	kg	2440
Tire type, drive wheel/steering wheel		Solid fetus
Drive wheel size (diameter x	mm	Φ405x130
Steering Wheel Dimensions (diameter x width)	mm	Φ320x100
Number of driving wheel and steering wheel (x = driving	mm	2X/1
Drive wheel base	mm	850
Front and rear inclination angle of door frame and fork	°	3/6
The height of the door frame after	mm	1965
Standard Door frame maximum	mm	3000
The height of the door frame at	mm	3980
The height of the Dome (cockpit)	mm	1960
Seat Height	mm	960
Center Height of towing pin	mm	530
Vehicle length	mm	2680
Vertical face length to fork	mm	1765
Overall width	mm	1000
Fork size	mm	35x100x920
Outside width of fork rack	mm	1040
Ground clearance of lower end of full load gantry	mm	68



Minimum floor clearance	mm	80
Channel Width (1200 width x 1000 length of tray)	mm	3560
Channel Width (tray 800 width x 1200 length)	mm	3360
Turning radius	mm	1500
Speed, full load/no load	km/h	9/9.6
Lifting speed, full load/no load	m/s	0.17/0.26
Rate of descent, full load/no load	m/s	0.4/0.36
Maximum climb, full load/no load	%	10 15
Type of running brake		Hydraulic machinery
Parking brake type		Machinery
S2 Drive Motor rated power S2	kW	5
S3 Lifting Motor rated power S3	kW	5
KS Battery voltage/nominal capacity KS	V/Ah	48/350 Storage Battery
Type of drive control		Alternating current

