

We promise, We deliver



FPS15C

Economic
Ride-on Electric Stacker

FPS15C

-  Robust Design
-  Capacity 1500Kg
-  High Performance
-  Powerful Battery
-  Easy Maintenance

FPS15C Economic Ride-on Electric Stacker

FPS15C is a ride-on economic electric stacker that is suitable for horizontal and short distance cargo transportation. FPS15C is a combination of walking and standing stacker, load capacity up to 1500kg. The stacker is powerful, reliable, easy installation and easy maintenance. It is suitable for loading and unloading goods in factories, warehouses, supermarkets and other places.

Ergonomic intelligent tiller

The ergonomic tiller can be easily operated, optimize the comfort of operators. All the switch buttons are integrated in the humanized touch position for easy operation. (integrated pin-code access, hour meter, power display, fault code display, turtle speed function)



Built-in charger
The built-in charger gives higher autonomy during the application.



Emergency power off switch
The emergency power-off switch ensures the safety of driving.



Foldable platform
It has good shock absorption effect, comfortable operation and not easy to fatigue. The arm guard can be rotated for safer operation.



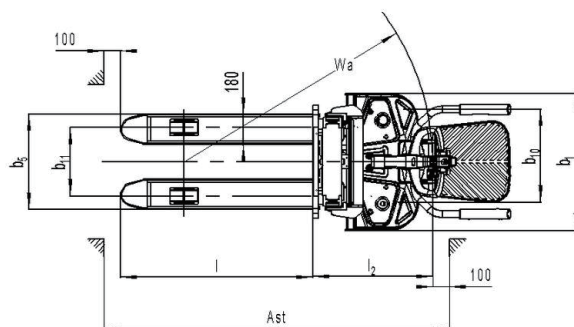
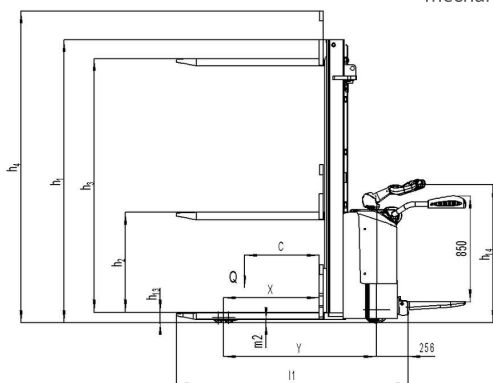
Stability caster
The stability caster can be adjusted conveniently without lifting the truck.



Easily disassembled
The solid chassis with 8mm protective apron can effectively protect the body and internal parts from external mechanical impact.



Function application
The whole vehicle system adopts analog circuit control, which eliminates redundant and fancy functions and strengthens the necessary safety functions. Besides, it mainly focuses on the main action functions. The fault point is lowered, the circuit is simplified and the maintenance is simple.



FPS15C					
Designation	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h13(mm)
one stage mast	1600	1978	1510	1515	1660
	2000	2378	1910	1915	2000
Two stage mast	2900	1930	78	2815	2900
	3200	2080	78	3115	3200
	3600	2280	78	3515	3600

Type sheet for industrial truck acc. to VDI 2198

Distinguishing mark					
1.2	Manufacturer's type designation				FPS15C
					3600
1.3	Drive				Battery
1.4	Operator type				Pedestrian
1.5	Load capacity / rated load		Q (t)		1.5
1.6	Load center distance		c (mm)		600
1.8	Load distance, centre of drive axle to fork		x (mm)		770
1.9	Wheelbase		y (mm)		1232
Weight					
2.1	Service weight		kg		865
2.2	Axle loading, laden front/rear		kg		830/1535
2.3	Axle loading, unladen front/ rear		kg		663/202
Tyres, Chassis					
3.1	Tires				Polyurethane (PU)
3.2	Tire size, front	Øxw (mm)			Ø 210×70
3.3	Tire size, rear	Øxw (mm)			Ø 230×100
3.4	Additional wheels(dimensions)	Øxw (mm)			Ø 230×100
3.5	Wheels, number front/ rear(x=driven wheels)				1x+1/4
3.6	Tread, front	b10 (mm)			557
3.7	Tread, rear	b11 (mm)			410/525
Dimensions					
4.2	Lowered mast height		h1 (mm)		2280
4.3	Free Lift height		h2 (mm)		78
4.4	lift		h3 (mm)		3515
4.5	Extended maximal height		h4 (mm)		4005
4.9	Height of tiller in drive position min./max.		h14 (mm)		1100/1360
4.15	Height, lowered		h13 (mm)		85
4.19	Overall length		l1 (mm)		1867
4.20	Length to face of forks		l2 (mm)		717
4.21	Overall width		b1 (mm)		820
4.22	Fork dimensions		s/e/l (mm)		60/180/1150
4.25	Width across forks		b5 (mm)		570/685
4.32	Ground clearance, centre of wheelbase min./max.		m2 (mm)		25
4.33	Aisle width for pallets 1000x1200 crossways		Ast (mm)		2330
4.34	Aisle width for pallets 800x1200 lengthwise		Ast (mm)		2275
4.35	Turning radius		Wa (mm)		1487
Performance data					
5.1	Travel speed, laden/ unladen		km/h		4.0/4.2
5.2	Lift speed, laden/ unladen		m/s		0.068/0.162
5.3	Lowering speed, laden/ unladen		m/s		0.142/0.136
5.8	Max. gradeability, laden/ unladen		%		5/10
5.10	Service brake				Electromagnetic
Electric- motor					
6.1	Drive motor rating S2 60min		kW		0.75
6.2	Lift motor rating at S3 7.5%		kW		2.2
6.3	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no				No
6.4	Battery voltage, nominal capacity K5		V / Ah		2x12/106
6.5	Battery weight		kg		2x34
6.6	Energy consumption acc. to VDI cycle		kWh/h		0.70
Additional data					
8.1	Type of drive control				DC- Speed Control
8.4	Sound level at driver's ear acc. to EN 12053		dB(A)		<70