

# NARROW AISLE SERIES



Parameters	
Product type	TM12 /15
Driving mode	Electric
Operating mode	Walking
Rated load Q (kg)	1200/1500
Load center C (mm)	600
Wheel base Y (mm)	1202
Weight	
Dead load (without battery)(kg)	
Load on axle (load side/drive side)(kg)	952/639
No load on axle (load side/drive side)(kg)	144/404
Wheel	
Tyre	PU
Driving wheel dimension (mm)	Φ210 × 70
Bogie wheel dimension (mm)	Φ80 × 70
Balance wheel dimension (mm)	Φ125 × 60
Wheel number (front/back) (x=driving wheel)	1x-1/4
Front gauge (mm)	481
Rear track (mm)	400

Basic dimension	
Total height (min fork height) h1 (mm)	2000
Free lifting height h2 (mm)	/
Lifting height h3 (mm)	3000
Handle ground clearance (max/min) h4 (mm)	1305/715
Total height L1 (mm)	1756.2
Distance from front end of the fork to front stacker L2 (mm)	606.2
Total width b1 (mm)	800
Fork dimension s/e/l (mm)	160/61/1150
Outer width of fork b3 (mm)	560
Min ground clearance m (mm)	27
Right angle stacking channel width, pallet 1000x1200 (1200 along the side of the fork) Ast (mm)	2244
Turning radius Wa (mm)	1400
Performance	
Traction speed full load/no load (km/h)	4/4.5
Lifting speed full load/no load (mm/s)	120/200
Descending speed full load/no load (mm/s)	80/90
Max gradeability full load/no load (%)	5/8
Braking mode	Electromagnetic
Motor	
Driving motor power (kw)	0.65/1.2
Lifting motor power (kw)	2.2
Storage battery voltage/capacity (V/Ah)	2 × 12/80
Storage battery weight (kg)	27 × 2
Other	
Control method	Field-effect tube control
Whole stacker noise dB (A)	< 70

Mast type	Lifting height	Total height with min fork height	Free lifting height	Total height with max fork height
	h3 (mm)	h1 (mm)	h2 (mm)	h4 (mm)
Dual mast	2500	1750	0	2957
Dual mast	2700	1850	0	3157
Dual mast	3000	2000	0	3457
Dual mast	3300	2150	0	3757
Dual mast	3500	2350	0	3957