

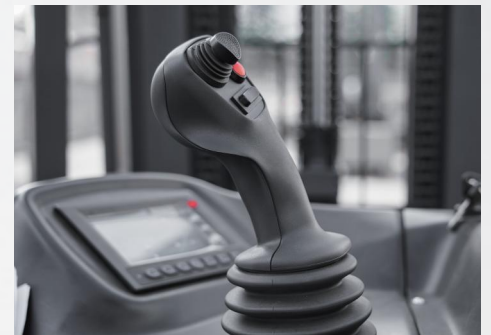
MN18

Stand-on Counterbalance Forklift

Load capacity: 1800 Kg(3968lbs)

The MN18 stand-on counterbalance forklift features an ultra-narrow body and a small turning radius, making it ideal for tight spaces and VNA applications. With integrated control handle and comfortable backrest armrest, it ensures reliability and operator comfort. The wide-view mast enhances visibility for safer, speeds improve operational efficiency, outperforming competitors.

- Sleek and Space-Saving Design
- VNA, Agile in Tight Spaces
- Optimal Visibility for Safe Operation



SPECIFICATION

1	Model		MN18
2	Power type		Lead acid
3	Operation		Stand on
4	Load capacity	Q(kg)	1800
5	Load center distance	C(mm)	500
6	Front overhang	x(mm)	287
7	Wheelbase	y(mm)	1260
8	Service weight Incl./exl.	kg	4270/3220
9	Axle load, laden front/rear	kg	5099/704
10	Axle load, unladen front/rear	kg	2662/1641
11	Tyre type, front/rear		Solid rubber tires
12	Tyre size, front	mm	406×152×266.7
13	Tyre size, rear	mm	254×127×165
14	Wheels.number front/rear(X=driven)+caste		2X/2
15	Track width, front	b10(mm)	915
16	Track width, rear	b11(mm)	180
17	Mast/Fork tilt angle front/rear	$\alpha/\beta(^{\circ})$	3/5
18	Mast retracted height	h1(mm)	
19	Free lift height	h2(mm)	
20	Lift height	h3(mm)	Refer to the mast parameter table
21	Mast extended height	h4(mm)	
22	Overhead guard height	h6(mm)	2261
23	Overall length	L1(mm)	2695
24	Length to fork face	L2(mm)	1775
25	Overall width	b1/b2(mm)	1067/1065
26	Fork dimensions	l/e/s(mm)	920/100/35
27	Installation level(ISO2328)		2A
28	Fork carriage width	b3(mm)	996
29	Fork outside spread	b5(mm)	930~218
30	Ground clearance (fully loaded, at the center of the mast)	m1(mm)	70
31	Ground clearance, center of wheelbase	m2(mm)	56
32	Aisle width with pallet 1000*1200mm	Ast(mm)	3108
33	Additional stacking aisle width	Ast(mm)	Refer to the aisle parameter table
34	Turning radius	Wa(mm)	1488
35	Travelling speed, laden/unladen	km/h	12/12
36	Lift speed, laden/unladen	mm/s	350/700
37	Lowering speed, laden/unladen	mm/s	550/550
38	Gradeability, laden/unladen	%	15/15
39	Service brake		Electromagnetic
40	Parking brake		Electromagnetic
41	Drive motor, rating S2=60	kw	AC4.5×2
42	Lift motor, rating S3=15%	kw	AC10.6
43	Lead-acid battery capacity, voltage/capacity (standard)	V/Ah	48/700
44	Maximum battery capacity for side-pull side-load models	Ah	700
45	Lead-acid battery weight (standard)	kg	1050
46	Lithium battery capacity, voltage/capacity (standard)	V/Ah	48/460
47	Lithium battery capacity, voltage/capacity (optional)	V/Ah	48/
48	Lithium battery weight (standard)	kg	240
49	Hydraulic system pressure	Mpa	25

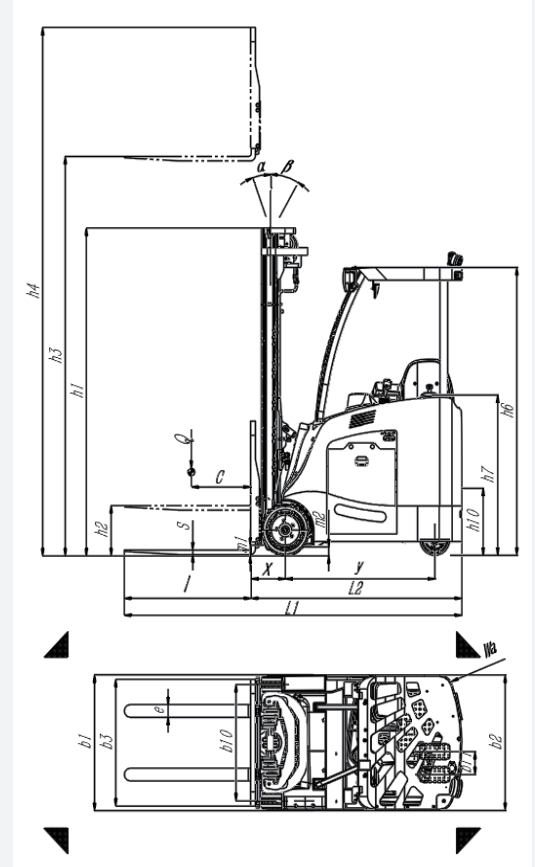
Note:1.The travel speed, lifting/lowering speed, and climbing ability parameters listed in the table above are based on the standard model with a triplex full free mast. 2.The data for the standard models in the series may vary depending on the configuration.

MAST SPECIFICATION

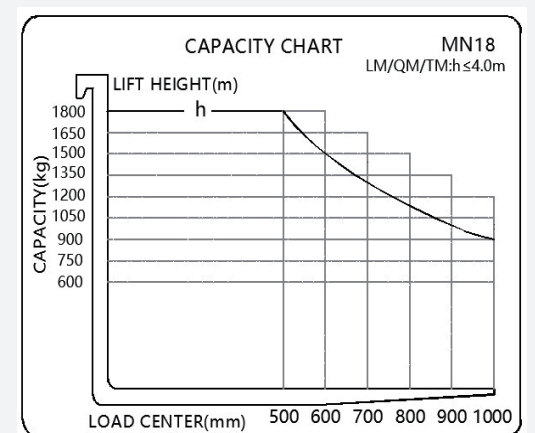
Mast Type	Mast Model	Lift height	Mast retracted height	Mast extended height	Free lift height (With standard load backrest)	Service weight (incl.battery)	Mast tilt angle
			mm				(°)
	Model MN				18	18	Full series
Triplex full free mast	62T	6200	2577	6721	1563	4270	3/5
	60T	6000	2535	6521	1521	4262	3/5
	55T	5500	2368	6021	1354	4229	3/5
	50T	5000	2202	5521	1188	4196	3/5
	48T	4800	2135	5321	1121	4183	3/5
	45T	4500	2035	5021	1021	4163	3/5
	43T	4300	1968	4821	954	4150	3/5
	40T	4000	1868	4521	854	4130	3/5
	33T	3300	1635	3821	621	4084	3/5

Note: 1.The vehicle's self-weight parameter includes the weight of 20L of hydraulic oil, approximately 16.2kg; the optional fork weight is approximately + or - 5.5kg/100mm.2.When equipped with attachments, The vehicle's self-weight in the parameters plus the weight of the attachments; when forks and load backrest are not included, the standard fork weight (approximately 66kg for MN18 standard forks) and the standard load backrest weight (approximately 22kg for MN18 standard load backrest) must be subtracted.

2D VIEW



CAPACITY CHART



BANYITONG SCIENCE & TECHNOLOGY DEVELOPING CO.,LTD
Tel: +86 551 6219 3112

E-mail: sales@mimachina.com

Website: www.mimaforklift.com

Add: Crossing of Daihe Road and Cailun Road, Hefei, China