

VNA
MODEL

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3-Way Electric Pallet Stacker



CAPACITY

1,200 - 1,600 KG

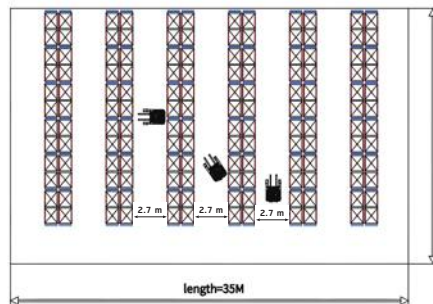
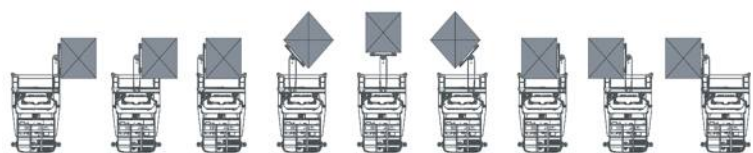


LIFTING HEIGHT

3,000 - 6,000 mm.

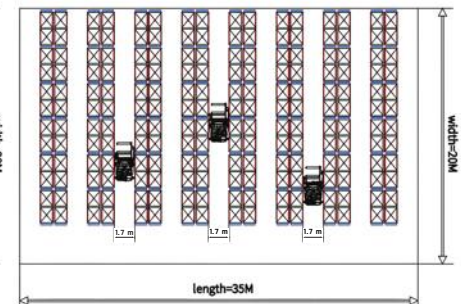


- > Forks can rotate 180°
- > Stacking in ultra-narrow roadways and high shelf design
- > Horizontal handling



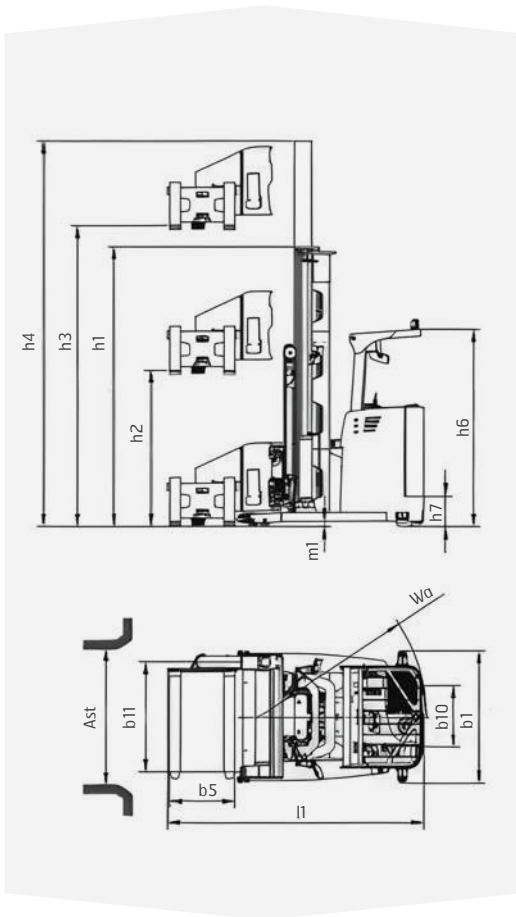
BEFORE

REGULAR MODELS



AFTER

VNA SERIES



SPECIFICATIONS

MODEL				MC12	MC12SQ	MC16	MC16SQ
Characterization		Power Type		Battery	Battery	Battery	Battery
		Driving mode		Stand-on	Stand-on	Stand-on	Stand-on
		Rated Load	Q(kg)	1200	1200	1600	1600
		Load Center Distance	C(mm)	550	550	600	600
		Front Overhang	x(mm)	658	658	666	666
		Wheelbase	y(mm)	1640	1640	1700	1700
Weight		verall truck weight (including battery)	kg	4860	5160	5330	5660
		Bridge load at full load, drive side/load side	kg				
		Bridge load at no load, drive/load side	kg				
Tire		Tire Type, Drive Side / Load Bearing Side		PU	PU	PU	PU
		Load tire	mm	φ140×100	φ140×100	φ140×127	φ140×127
		Driver tire	mm	φ380×165	φ380×165	φ380×165	φ380×165
		Stabilizer wheel size	mm	φ204×76	φ204×76	φ204×76	φ204×76
		Number of wheels, front/rear (x=drive wheel)		4 /1X+2	4 /1X+2	4 /1X+2	4 /1X+2
		Drive wheelbase b10	mm	726	726	726	726
	b11	Load wheelbase	mm	1210	1210	1280	1280
	h1	Mast closed height	mm	2435	2635	2565	2765
	h2	Free lifting height	mm	0	1690	0	1750
	h3	Lifting heighth	mm	3000	4500	3000	4500
		Maximum height of the mast when lifting					
	h4	(including shelf)	mm	3935	5440	4065	5570
	h6	Height of roof rack	mm	2260/2300	2260/2300	2260/2300	2260/2300
	h7	Platform height	mm	355	355	355	355
		Overall length	l1(mm)	2940	2940	3020	3020
		Overall width	b1(mm)	1475[1]	1475[1]	1575[1]	1575[1]
		Fork size	l/e/s(mm)	1100/125/50	1100/125/50	1200/125/50	1200/125/50
		Installation class		II-A	II-A	II-A	II-A
		Fork Outside Distance	b5(mm)	265~765	265~765	265~765	265~765
		Minimum Ground Clearance	m1(mm)	60	60	60	60
		Minimum stacking aisle width	Ast(mm)	1500[2]	1500[2]	1600[2]	1600[2]
		Turning radius	Wa(mm)	1910	1910	1980	1980
		Minimum main aisle width	Wa(mm)	≥(3350+350)[3]	≥(3350+350)[3]	≥(3450+350)[3]	≥(3450+350)[3]
Performance		Travel speed, full/no load k	m/h	7.5/8	7.5/8	7.5/8	7.5/8
		Lifting speed, full/no load	mm/s	260/300	260/300	260/300	260/300
		Lowering speed, full/no load	mm/s	360/390	360/390	360/390	360/390
Driving		Drive motor power (S2-60min)	kw	5.5 AC	5.5 AC	5.5 AC	5.5 AC
		Lifting motor power(S3-15%)	kw	15 AC	15 AC	15 AC	15 AC
		Battery voltage/rated capacity	V/Ah	48/390[4]	48/390[4]	48/480[4]	48/480[4]
		Battery weight (min)	kg	618	618	726	726
		Steering system		Electric Steering	Electric Steering	Electric Steering	Electric Steering
Others		Battery replacement		Side-pull Side-pull	Side-pull	Side-pull	
		Standard model data, subject to change depending on configuration					

*The Specification is subject to change without prior notice.