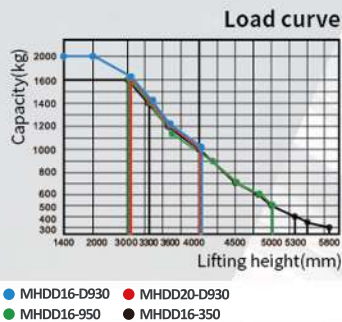


MHDD16-D930/950/350

MHDD20-D930

Electric stacker



Characteristics

Configuration and performance

Electronic power steering system, light and low noise

Two-way magnetic valve, three drop speed mode

AC driving motor, without carbon brush and free maintenance

Automatic lifting limit, proximity switch, long life

Drive unit floating bodies with patent design

Safety

Curve automatic deceleration, more safe

Goods high position, vehicle automatic reduction

Stepless speed control system, safe and quiet

Controller with multiple automatic protection

Emergency reversing device/ Emergency brake switch

The LFP model lithium batteries are fast charging and efficient



Type	Lift height (mm)	Mast type	(mm) Outside width between legs	(mm) Inside width between legs
MHDD26- D930	1400/2000/2500/3000/3300/3600/4000	/FUI/2- STAGE STD		
MHDD16- 950	3700/3900/4200/4500/4700/5000	/FULL FREE 3- STAGE STD	550/600/650/685	180/230/280/315
MHDD16- 350	5300/5500/5800	/FULL FREE 3- STAGE STD		
MHDD20- D930	1400/2000/2500/3000/3300/3600/4000	/2- STAGE STD	650/685	280/315

MHDD20series, lift height ≤ 2000 mm, load capacity is 2000kg.
MHDD20series, outside width between forks ≥ 650 mm.

MHDD16-D930/950/350

MHDD20-D930

Manufacturer's Data and Design Characteristics

Feature										
1.1	Model		MHDD16		MHDD16		MHDD16		MHDD20	
1.2	Configuration NO.		D930		950		350		D930	
1.3	Mast type		stage		Full free 3-stage				stage	
1.4	Operating type		Walkie/Stand On							
1.5	Load capacity	kg	1600						2000	
1.6	Load center	mm	600							
1.7	Wheel base	mm	1325		1375				1325	
Wheels										
2.1	Wheels type		PU							
2.2	Wheel quantity Driving wheel/Balance wheel/Bearing wheel		1/2/4							
2.3	Driving wheel size	mm	Φ248x75							
2.4	Balance wheel size	mm	Φ115x55							
2.5	Bearing wheel size	mm	Φ84x70							
Dimension										
3.1	Standard lift height	mm	1400/2000/2500/3000 /3300/3600/4000		3700/3900/4200 /4500/4700/5000		5300/5500/5800		1400/2000/2500/3000 /3300/3600/4000	
3.2	Max extend height	mm	1900/2500/3000/3500 /3800/4100/4500		4200/4400/4700 /5000/5200/5500		5800/6000/6300		1900/2500/3000/3500 /3800/4100/4500	
3.3	Mast lowered height	mm	1185/1535/1765/1980 /2135/2335/2500		1800/1900/1985 /2085/2135/2235		2520/2590/2690		1185/1535/1765/1980 /2135/2335/2500	
3.4	free lifting height	mm	-		1335/1448/1520 /1620/1670/1770		2074/2134/2234		-	
3.5	Lowered fork height	mm	90							
3.6	Fork size(length/width/thickness)	mm	1150(1220)/185/55							
3.7	Overall length	mm	2050/2470		2105/2525				2050/2470	
3.8	Overall width	mm	856		957				856	
3.9	Min.Turning radius	mm	1580/1990		1595/2010				1580/1990	
3.10	Min.Aisle width for pallets 800×1200	mm	2180/2580		2230/2625				2180/2580	
3.11	Min.Aisle width for pallets 1000×1200	mm	2210/2600		2260/2650				2210/2600	
3.12	Min.ground clearance	mm	30							
Performance										
4.1	Travel speed,laden/unladen	km/h	6/6							
4.2	Lift speed,laden/unladen	mm/s	130/180							
4.3	Lowering speed,laden/unladen	mm/s	100/200		100/160				100/200	
4.4	Gradeability,laden/unladen	%	6/8							
Electrical configuration										
5.1	Drive motor/ Lift motor/Steering motor	KW	AC1.5/DC3/DC0.15							
5.2	Brake		Electromagnetic/Regenerative							
Battery			Lead-acid battery	Lithium battery (Optional)	Lead-acid battery	Lithium battery (Optional)	Lead-acid battery	Lithium battery (Optional)	Lead-acid battery	Lithium battery (Optional)
6.1	Battery voltage/capacity	V/Ah	24/280	24/200	24/280	24/200	24/280	24/200	24/280	24/200
6.2	Controlller		ZAPI	ZAPI	ZAPI	ZAPI	ZAPI	ZAPI	ZAPI	ZAPI
6.3	Battery	kg	235	99	235	99	235	99	235	99
6.4	Service weight (with battery)	kg	1213	1109	1585	1388	1649	1468	1213	1077

MINERVA ELECTRON FORKLIFT

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