

ELECTRIC REACH STACKER

MRS 15

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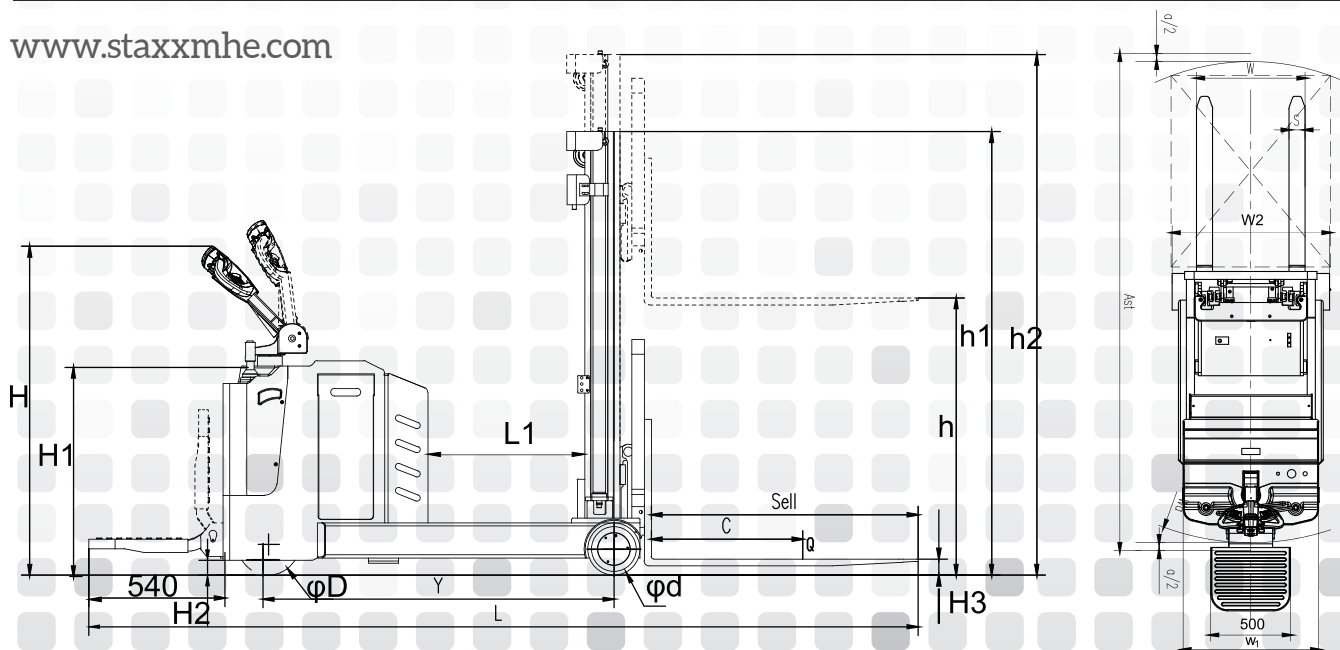
MRS12/15/20

ELECTRIC REACH STACKER

STAXX
STAXX MATERIAL HANDLING EQUIPMENT CO., LTD

MODEL			MPS12D	MPS15D	MPS20D	MPS15T	MPS20T	MPS12ED	MPS15ED	
CHARACTERISTICS										
1.1	Mast type			Duplex		Triplex	Triplex	Duplex mast & free lift		
1.2	Mast profile		C model/H model		H model	H model	H model	C model		
1.3	Type of drive			Full electric		Full electric	Full electric	Full Electric		
1.4	Operator type			Rider		Rider	Rider	Rider		
1.5	Capacity	Q kg	1200	1500	2000	1500	2000	1200	1500	
1.6	Load center	C mm	500	500	500	500	500	500	500	
1.7	Wheel base	Y mm	1300	1400	1550	1400	1550	1300	1400	
1.8	Reach distance	L1 mm	400	500	500	500	500	400	500	
1.9	Electric power steering(EPS)			standard equipped						
WEIGHT										
2.1	Service weight without battery	kg	1626	1726	1926	1895	2120	1526/1626/1690	1626/1726/1790	
2.2	Service weight with battery	kg	1836	1936	2146	2105	2330	1736/1836/1900	1836/1936/2000	
WHEEL										
3.1	Wheel type		PU	PU	PU	PU	PU	PU	PU	
3.2	Size of front wheels	Φd mm	¢210	¢210	¢210	¢210	¢210	¢210	¢210	
3.3	Size of drive wheels	ΦD mm	¢230	¢230	¢230	¢230	¢230	¢230	¢230	
3.4	Wheels quantity	pcs								1/2
CHASSIS										
4.1	Mast lower height	h1 mm		2040		2065	2065	1795/2040/2190		
4.2	Overall length (without platform)	mm	2700	2800	2960	2805	2805	2700	2800	
4.3	Overall length (with platform)	L mm	3240	3340	3500	3345	3345	3240	3340	
4.4	Rear body width	W1 mm	850	850	850	850	850	850	850	
4.5	Overall width	W2 mm	990	990	990	990	1023	990	990	
4.6	Height of tiller arm in drive position min./max.	H mm	1030-1330							
4.7	Rear body height	H1 mm	860	860	860	860	860	860	860	
4.8	Mast extend height	h2 mm	3815	3810	3810	5310	5310	3315/3815/4115	3310/3810/4110	
SPECIFICATIONS										
5.1	Lifting height	h mm	70-3000			70-4500		70-2500/3000/3300		
5.2	Clearance	H2 mm	60	60	60	60	60	60	60	
5.3	Fork length	slℓ mm	1070	1070	1070	1070	1070	1070	1070	
5.4	Overall fork width	W mm	200-680	200-680	240-680	200-680	200-680	200-680	200-680	
5.5	Fork width	S mm	100	100	120	100	120	100	100	
5.6	Fork thickness	mm	30	35	40	35	40	30	35	
5.7	Min. turning radius	Wα2 mm	1600	1680	1830	1680	1830	1600	1680	
5.8	Lowered height of fork	H3 mm	70	70	70	70	70	70	70	
5.9	Freelift height	mm	—	—	—	1530	1530	1260/1510/1660		
5.10	Fork tilting degree (forward/backward)	°	2/5	2/5	2/5	2/5	2/5	2/5	2/5	
5.11	Aisle width(800*1200mm pallet);horizontal/vertical (without platform)	Ast mm	2742	2842	3000	2823	3130	2742	2842	
5.12	Aisle width(800*1200mm pallet);horizontal/vertical (with platform)	Ast mm	3282	3382	3540	3363	3670	3282	3382	
5.13	Aisle width(1000*1200mm pallet);horizontal/vertical (without platform)	Ast mm	2789	2889	3040	2870	3175	2789	2889	
5.14	Aisle width(1000*1200mm pallet);horizontal/vertical (with platform)	Ast mm	3329	3429	3580	3410	3715	3329	3429	
SPECIFICATIONS										
6.1	Travel speed	laden	km/h	5	5	5	5	5	5	
		unladen	km/h	5.3	5.3	5.3	5.3	5.3	5.3	
6.2	Lift speed	laden	mm/s	100	100	100	100	100	100	
		unladen	mm/s	140	140	140	140	140	140	
6.3	Lower speed	laden	mm/s	170	170	170	170	170	170	
		unladen	mm/s	130	130	130	130	130	130	
6.4	Gradeability	laden	%	5	5	5	5	5	5	
		unladen	%	7	7	7	7	7	7	
PERFORMANCE										
7.1	Brake type		electromagnetic							
7.2	Drive motor	kw	2.2	2.2	2.5	2.2	2.5	2.2	2.2	
7.3	Lift motor	kw	3							
7.4	Battery voltage/capacity	V/Ah	24V 210/270/340Ah							
7.5	Battery weight	kg	210							
7.6	Battery size	mm	790×210×576							
7.7	Control system		F2-A (CURTIS)							

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LIFTING HEIGHT (mm)	MAST LOWER HEIGHT (mm)	MAST EXTEND HEIGHT (mm)	SERVICE WEIGHT WITH BATTERY (Kg)
1600	2120	2415	1586
2500	1790	3315	1736
3000	2040	3815	1836
3300	2190	4115	1900
3500	2290	4315	1936
4000	2545	4815	1960

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1600	2120	2410	1686
2500	1790	3310	1836
3000	2040	3810	1936
3300	2190	4110	2000
3500	2290	4310	2036
4000	2545	4810	2060

LIFTING HEIGHT (mm)	MAST LOWER HEIGHT (mm)	MAST EXTEND HEIGHT (mm)	SERVICE WEIGHT WITH BATTERY (Kg)
2500	1790	3455	2036
3000	2040	3955	2146
3300	2190	4255	2200
3500	2290	4455	2246
4000	2545	4810	2256

LIFTING HEIGHT (mm)	MAST LOWER HEIGHT (mm)	MAST EXTEND HEIGHT (mm)	FREE LIFT (mm)	SERVICE WEIGHT WITH BATTERY (Kg)
3700	1798	4510	1262	2065
4000	1898	4810	1362	2080
4300	1998	5110	1462	2095
4500	2065	5310	1530	2105
4800	2165	5610	1630	2120
5000	2230	5810	1696	2130

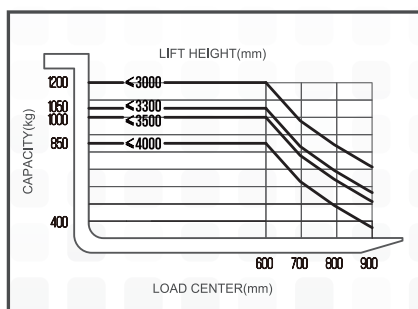
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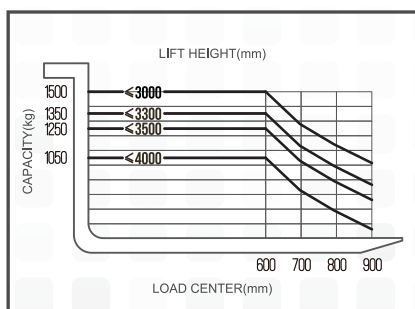
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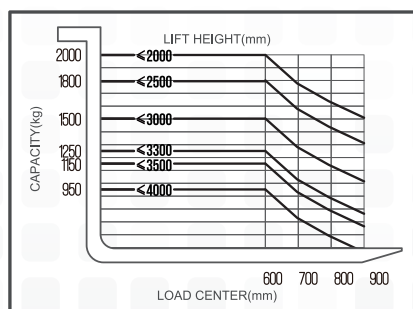
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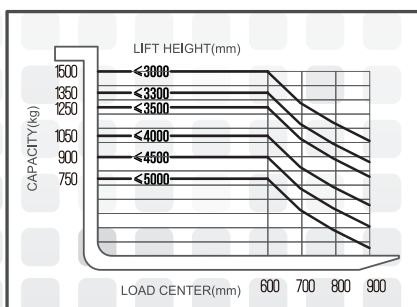
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