



ELECTRIC STRADDLE LEG STACKER

ESS 15

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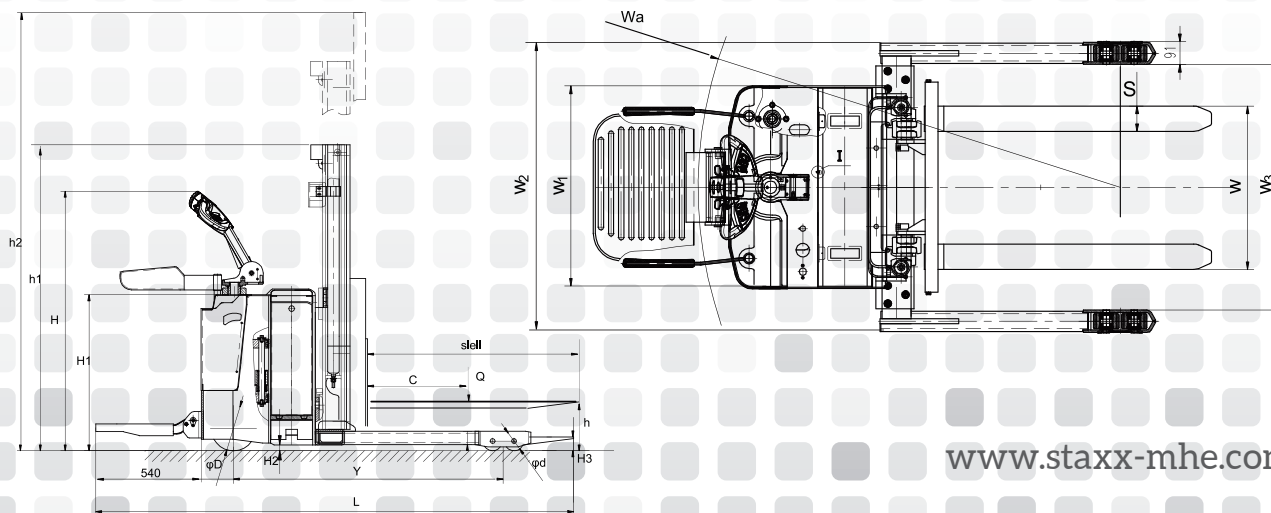


ESS12/15/20

STAXX
STAXX MATERIAL HANDLING EQUIPMENT CO., LTD

ELECTRIC STRADDLE LEG STACKER

MODEL CHARACTERISTICS				ESS12D	ESS15D	ESS20D	ESS15T	ESS20T
1.1	Mast Type			Duplex				
1.2	Mast profile			H model			H model	
1.3	Type of drive			Full Electric				
1.4	Operator type			Walkie/Rider			Walkie/Rider	
1.5	Capacity	Q	kg	1200	1500	2000	1500	2000
1.6	Load center	C	mm	600	600	600	600	600
1.7	Wheel base	Y	mm	1362	1362	1362	1432	1432
1.8	Electric power steering(EPS)			optional				
WEIGHT								
2.1	Service weight without battery		kg	635	735	735	915	960
2.2	Service weight with battery		kg	845	945	945	1125	1170
WHEEL								
3.1	wheel type			PU	PU	PU	PU	PU
3.2	Size of front wheels	Φd	mm	Φ96	Φ96	Φ96	Φ96	Φ96
3.3	Size of rear wheels		mm	Φ124	Φ124	Φ124	Φ124	Φ124
3.4	Size of drive wheels	ΦD	mm	Φ230	Φ230	Φ230	Φ230	Φ230
3.5	Wheels quantity		pcs	1/2/4				
CHASSIS								
4.1	Mast lower height	h1	mm	2070			2105	
4.2	Mast extend height	h2	mm	3845			5355	
4.3	Overall length (without platform)		mm	1920			1985	1985
4.4	Overall length (with platform)	L	mm	2460	2460	2460	2525	2525
4.5	Rear body width	W1	mm	800	800	800	800	850
4.6	Rear body length		mm	585	585	585	585	585
4.7	Overall width (Minimum OD)	W2	mm	1150				
4.8	Height of tiller arm in drive position min./max.	H	mm	1030-1330				
4.9	Rear body height	H1	mm	800	800	800	800	800
SPECIFICATIONS								
5.1	Clearance	H2	mm	30	30	30	40	30
5.2	Fork length	Sllell	mm	1070	1070	1070	1070	1070
5.3	Overall fork width	W	mm	200~800		240~800	200~800	
5.4	Min.Turning radius	Wa	mm	1652	1652	1652	1707	1707
5.5	Lowered height of fork	H3	mm	70	70	70	70	70
5.6	Fork width	S	mm	100	100	120	100	120
5.7	Fork thickness		mm	35	35	40	35	40
5.8	Support leg OD	W2	mm	1150/1290/1430 Adjustable		1150/1290/1430 Fixed	1150/1290/1430 Adjustable	1150/1290/1430 Fixed
5.9	Support leg ID	W3	mm	970/1110/1250 Adjustable		970/1110/1250 Fixed	970/1110/1250 Adjustable	970/1110/1250 Fixed
5.10	Lifting height	h	mm	70~3000	70~3000	70~3000	70~4500	70~4500
5.11	Freelift height		mm	—			1530	1530
5.12	Aisle width (800*1200mm pallet)	Ast	mm	2506	2506	2506	2539	2550
5.13	Aisle width (800*1200mm pallet)	Ast	mm	3046	3046	3046	3079	3090
5.14	Aisle width (1000*1200mm pallet)	Ast	mm	2573	2573	2573	2606	2620
5.15	Aisle width (1000*1200mm pallet)	Ast	mm	3113	3113	3113	3146	3160
PERFORMANCE								
6.1	Travel speed	laden	km/h	5	5	5	5	5
		unladen	km/h	5.3	5.3	5.3	5.3	5.3
6.2	Lift speed	laden	mm/s	58	85	58	58	58
		unladen	mm/s	148	128	148	148	148
6.3	lower speed	laden	mm/s	145	250	145	145	145
		unladen	mm/s	80	125	80	80	80
6.4	Gradeability	laden	%	5	5	5	5	5
		unladen	%	7	7	7	7	7
DRIVING SYSTEM								
7.1	Brake type			electromagnetic				
7.2	Drive motor		kw	1.5(vertical motor+EPS)				
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	2080	2400	750
2500	1820	3345	820
3000	2070	3845	845
3300	2220	4145	860
3500	2320	4345	870
4000	2570	4845	895

LIFTING HEIGHT (mm)	MAST LOWER HEIGHT (mm)	MAST EXTEND HEIGHT (mm)	SERVICE WEIGHT WITH BATTERY (Kg)
1600	2080	2400	850
2500	1820	3345	920
3000	2070	3845	945
3300	2220	4145	960
3500	2320	4345	970
4000	2570	4845	995

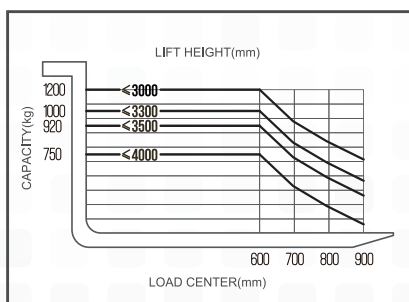
LIFTING HEIGHT (mm)	MAST LOWER HEIGHT (mm)	MAST EXTEND HEIGHT (mm)	SERVICE WEIGHT WITH BATTERY (Kg)
1600	2080	2400	875
2500	1820	3345	910
3000	2070	3845	945
3300	2220	4145	980
3500	2320	4345	990
4000	2570	4845	1025

LIFTING HEIGHT (mm)	MAST LOWER HEIGHT (mm)	MAST EXTEND HEIGHT (mm)	FREE LIFT (mm)	SERVICE WEIGHT WITH BATTERY (Kg)
3700	1835	4555	1264	1045
4000	1935	4855	1364	1075
4300	2035	5155	1464	1100
4500	2105	5355	1530	1125
4800	2205	5655	1630	1155
5000	2275	5855	1696	1180
5300	2375	6155	1796	1210
5500	2445	6355	1864	1235

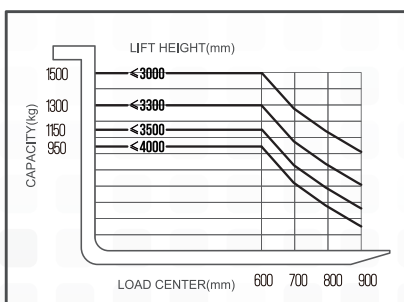
LIFTING HEIGHT (mm)	MAST LOWER HEIGHT (mm)	MAST EXTEND HEIGHT (mm)	FREE LIFT (mm)	SERVICE WEIGHT WITH BATTERY (Kg)
3700	1835	4555	1264	1090
4000	1935	4855	1364	1120
4300	2035	5155	1464	1145
4500	2105	5355	1530	1170
4800	2205	5655	1630	1200
5000	2275	5855	1696	1225
5300	2375	6155	1796	1255
5500	2445	6355	1864	1280
5800	2545	6655	1964	1310
6000	2615	6855	2030	1335
6200/6300	2715	7155	2130	1365

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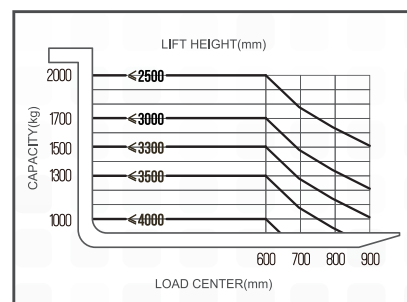
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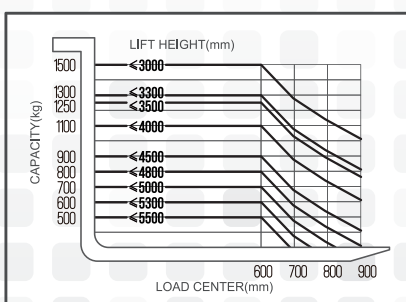
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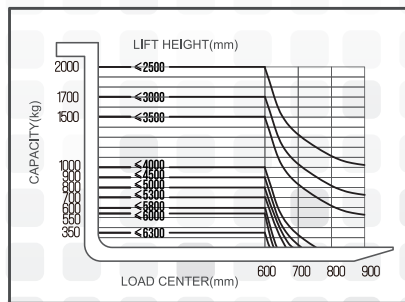
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