



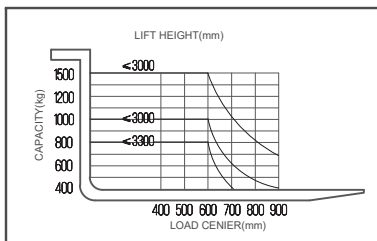
ELECTRIC STRADDLE LEG STACKER

ES15

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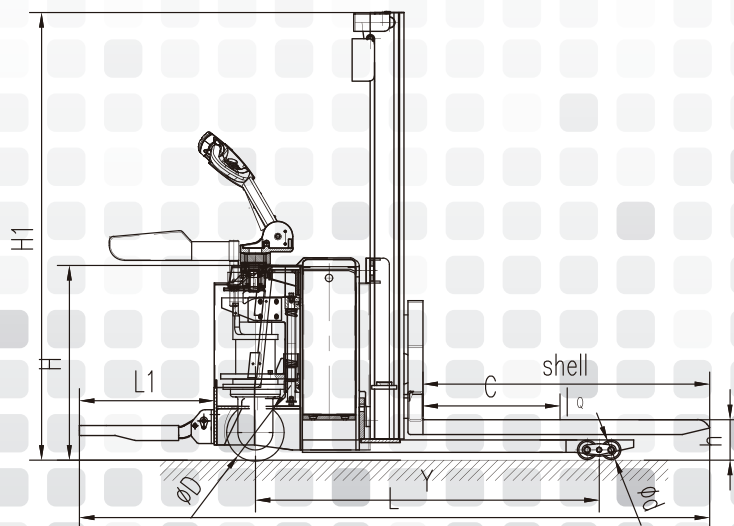
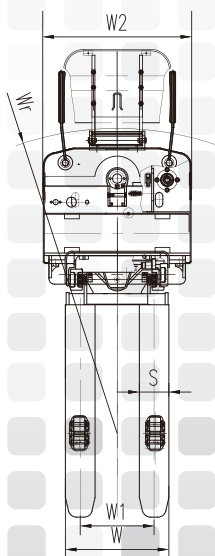


ES12/15/20

STAX
STAXX MATERIAL HANDLING EQUIPMENT CO., LTD

ELECTRIC STRADDLE LEG STACKER

MODEL			ES12D	ES15D	ES20D	ES15T	ES20T	ES12FD	ES15FD	ES20FD
CHARACTERISTICS										
1.1	Mast Type		Duplex			Triplex		Duplex mast & free lift		
1.2	Mast profile		H model			H model		H model		
1.3	Type of drive		Full Electric			Full Electric		Full Electric		
1.4	Operator type		Rider			Rider		Rider		
1.5	Capacity	Q kg	1200	1500	2000	1500	2000	1200	1500	3000
1.6	Load center	C mm	600	600	600	600	600	600	600	600
1.7	Wheel base	Y mm	1380	1380	1395	1395	1395	1380	1380	1395
1.8	Electric power steering(EPS)		optional							
WEIGHT										
2.1	Service weight without battery	kg	855	880	920	1045	1185	850/870/890	850/880/900	880/980/1030
2.2	Service weight with battery	kg	1065	1090	1180	1255	1395	1060/1080/1100	1060/1090/1100	1090/1190/1240
WHEEL										
3.1	wheel type		PU	PU	PU	PU	PU	PU	PU	PU
3.2	Size of front wheels	b2 mm	∅ 78	∅ 78	∅ 78	∅ 78	∅ 78	∅ 78	∅ 78	∅ 78
3.3	Size of rear wheels	b3 mm	∅ 124	∅ 124	∅ 124	∅ 124	∅ 124	∅ 124	∅ 124	∅ 124
3.4	Size of drive wheels	b4 mm	∅ 230	∅ 230	∅ 230	∅ 230	∅ 230	∅ 230	∅ 230	∅ 230
3.5	Wheels quantity	pcs	1/2/4							
CHASSIS										
4.1	Mast lower height	h1	2045			2075	2075	1795/2045/2195		
4.2	Mast extend height	h4 mm	3540			5096	5096	3035/3535/3835		
4.3	Overall length (with platform)	l1 mm	2540		2530	2590	2607	2460	2460	2460
4.4	Overall length (without platform)	mm	2000		1990	2050	2067	2060	2060	2060
4.5	Rear body width	b1/b2 mm	800	800	800	800/850 (h≥5000mm:850mm)		800	800	850
4.6	Rear body length	l2 mm	585	585	585	585	585	585	585	585
4.7	Overall width	B mm	800	800	940	940 (h≥5000mm:850mm)		800	800	990
4.8	Height of tiller arm in drive position min./max.	H5 mm	830	830	830	830	830	800	800	800
4.9	Rear body height	b8 mm	1030-1200							
SPECIFICATIONS										
5.1	Clearance	b7 mm	40	40	40	40	40	30	30	40
5.2	Fork length	Sl1 mm	1150	1150	1150	1150	1150	1150	1150	1150
5.3	Overall fork width	b5 mm	540/560/580/680							
5.4	Min.Turning radius(with platform)	Wa mm	2090	2090	2102	2102	2100	1637	1637	1637
5.5	Min.Turning radius (without platform)	Wa mm	1565	1565	1578	1578	1580	1637	1637	1637
5.6	Lowered height of fork	b6 mm	90	90	90	90	90	70	70	70
5.7	Fork width	E mm	170	170	185	170	185	170	170	185
5.8	Lifting height	h3 mm	3000	3000	3000	4500	4500	2500/3000/3300		
5.9	Freelift height	H mm				1550	1550	1320/1570/1720		
5.10	Aisle width (800*1200mm pallet): with platform	mm	2924	2924	2928	2966	2991	2530	2530	2530
5.11	Aisle width (800*1200mm pallet): without platform	mm	2399	2399	2404	2442	2471	2530	2530	2530
5.12	Aisle width (1000*1200mm pallet): with platform	mm	2994	2994	2996	3030	3053	2600	2600	2600
5.13	Aisle width (1000*1200mm pallet): without platform	mm	2469	2469	2472	2506	2533	2600	2600	2600
PERFORMANCE										
6.1	Travel speed	laden	km/h	5	5	5	5	5	5	5
		unladen	km/h	5.3	5.3	5.3	5.3	5.3	5.3	5.3
6.2	Lift speed	laden	mm/s	58	58	58	58	58	58	58
		unladen	mm/s	148	148	148	148	148	148	148
6.3	lower speed	laden	mm/s	145	145	145	145	145	145	145
		unladen	mm/s	80	80	80	80	80	80	80
6.4	Gradeability	laden	%	5	5	5	5	5	5	5
		unladen	%	7	7	7	7	7	7	7
DRIVING SYSTEM										
7.1	Brake type		electromagnetic							
7.1	Drive motor	kw	1.5(vertical motor+EPS)							
7.2	Lift motor	kw	3							
7.3	Battery voltage/capacity	V/Ah	24V 150/210/280/340Ah							
7.4	Battery weight	kg	210							
7.5	battery size	mm	790×210×576							
7.6	control system		1230-2402(CURTIS)							



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