ETS20T WAREHOUSE EQUIPMENT

2T ELECTRIC WALKIE STACKER (5M)

characteristics	1.1	Model		ETS12D	ETS15D	ETS20D	ETS15T	ETS20T
	1.2	Mast Type		Duplex			Triplex	
	1.3	Mast profile		H model			H model	
	1.4	Type of drive		Full Electric			Full Electric	
	1.5	Operator type		Walkie/Rider			Walkie/Rider	
	1.6	Capacity	kg	1200	1500	2000	1500	2000
	1.7	Load center	mm	600	600	600	600	600
	1.8	Wheel base	mm	1362	1362	1362	1432	1432
	1.9	Electric power steering(EPS)		optional				
weight	2.1	Service weight without battery	kg	750	960	1105	1220	1410
	2.2	Service weight with battery	kg	960	1170	1315	1430	1620
wheel	3.1	wheel type		PU	PU	PU	PU	PU
	3.2	Size of front wheels	mm	⌀96	⌀96	⌀96	⌀96	⌀96
	3.3	Size of rear wheels	mm	⌀124	⌀124	⌀124	⌀124	⌀124
	3.4	Size of drive wheels	mm	⌀230	⌀230	⌀230	⌀230	⌀230
	3.5	Wheels quantity	pcs	1/2/4				
chassis	4.1	Mast lower height	mm	2070		2080	2105	2115
	4.2	Mast extend height	mm	3845			5355	
	4.4	Overall length (without platform)	mm	1924			1960	1985
	4.5	Rear body width	mm	800	800	800	800	850
	4.6	Rear body length	mm	585	585	585	585	585
	4.7	Overall width	mm	1150	1150	1150	1150	1150
	4.8	Height of tiller arm in drive position min./max.	mm	1030-1200				
	4.9	Rear body height	mm	800	800	800	800	800
specifications	5.1	Clearance	mm	30	30	30	40	30
	5.2	Fork length	mm	1070	1070	1070	1070	1070
	5.3	Overall fork width	mm	200-800		240-800	200-800	240-800
	5.4	Min.Turning radius	mm	1550	1550	1652	1612	1707
	5.5	Lowered height of fork	mm	70	70	70	70	70
	5.6	Fork width	mm	100	100	120	100	120
	5.7	Fork thickness	mm	35	35	40	35	40
	5.8	OD	mm	1150/1290/1430				
	5.81	ID	mm	1000/1140/1280				
	5.9	Lifting height	mm	3000	3000	3000	4500	4500
	5.10	Freelift height	mm				1530	1530
	5.11	Aisle width (800*1200mm pallet): horizontal/vertical	mm	2358	2358	2506	2444	2550
	5.12	Aisle width (1000*1200mm pallet): horizontal/vertical	mm	2428	2428	2573	2511	2620
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	58	58	58	58
			unladen	mm/s	148	148	148	148	148
	6.3	lower speed	laden	mm/s	145	145	145	145	145
			unladen	mm/s	80	80	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				
	7.1	Drive motor		kw	1.5(vertical motor+EPS)				
		Lift motor			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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Load Chart: ETS15T	
Lift Height (mm)	**Actual Capacity (kg)**
0	1500
3000	1500
4500	1100
5000	800

Load Chart: ETS20T	
Lift Height (mm)	**Actual Capacity (kg)**
2000	2000
3000	1500
4500	1100
5000	800
6200	200

OPTIONAL FEATURES

ETS12D (with Duplex)

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	980
3300	2220	4145	1060
3500	2320	4345	1120
4000	2570	4845	1145

ETS15D (with Duplex)

lifting height (mm)	Mast lower height (mm)	Mast extend height (mm)	Service weight with battery (kg)
1600	2080	2400	900
2500	1820	3345	1070
3000	2070	3845	1170
3300	2220	4145	1220
3500	2320	4345	1260
4000	2570	4845	1300

ETS20D (with Duplex)

lifting height (mm)	Mast lower height (mm)	Mast extend height (mm)	Service weight with battery (kg)
1600	2090	2400	1160
2500	1830	3345	1290
3000	2080	3845	1315
3300	2230	4145	1330
3500	2330	4345	1340

ETS15T (with Triplex)

lifting height (mm)	Mast lower height (mm)	Mast extend height (mm)	Free lift (mm)	Service weight with battery (kg)
3700	1835	4555	1264	1350
4000	1935	4855	1364	1365
4300	2035	5155	1464	1380
4500	2105	5355	1530	1430
4800	2205	5655	1630	1445
5000	2275	5855	1696	1455
5300	2375	6155	1796	1470
5500	2445	6355	1864	1480

ETS20T (withTriplex)

lifting height (mm)	Mast lower height (mm)	Mast extend height (mm)	Free lift (mm)	Service weight with battery (kg)
3700	1835	4555	1264	1570
4000	1935	4855	1364	1590
4300	2035	5155	1464	1610
4500	2115	5355	1530	1620
4800	2215	5655	1630	1640
5000	2285	5855	1696	1650
5300	2385	6155	1796	1670
5500	2455	6355	1864	1680
5800	2555	6655	1964	1700
6000	2615	6855	2030	1710
6300	2725	7155	2130	1730



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