

# HYTSU®

# T&U®

## S100 SERIES

### 2.5 TON



### 4 - WHEELS ELECTRIC FORKLIFT TRUCK

FE25SF 2500kg



**AC LIFTING  
+  
AC DRIVING**



## STANDARD SPECIFICATIONS

		HYTSU GROUP		
CHARACTERISTICS	1	Manufacturer		
	2	Model designation	FE25SF	
	3	Power unit	V	
	4	Type of operation	48	
	5	Load capacity	Drive seated	
	6	Load capacity	2500/5500	
	7	Load center	500/19.7	
	8	Fork overhang (Axle center to fork face)	450/17.7	
WEIGHTS	9	Wheelbase	1500/59	
	9	Service weight (with battery) <sup>1)</sup>	kg/lb. 3820/8414	
	10	Axle load with load, front/rear <sup>1)</sup>	kg/lb. 5450/870(12011/1915)	
WHEELS AND TYRES	11	Axle load without load, front/rear <sup>1)</sup>	kg/lb. 2390/1430(5265/3150)	
	12	Tyre size, front	18X7-8-14PR(18X7-8)	
	13	Tyre size, rear	21X8-9-16PR (21X8-9)	
	14	Wheels, number front/rear (x=driven)	2/2	
	15	Tread width, front	mm/in. 970/38	
	16	Tread width, rear	mm/in. 970/38	
	DIMENSIONS	17	Mast/fork carriage tilt, forward/backward	deg 6°/12°
		18	Height of mast, fork lowered	mm/in. 2135 / 84
19		Operation type options	Economic / Standard / High	
20		Maximum fork height	mm/in. 3300 / 130	
21		Height of mast, extended	mm/in. 4360/171.6	
22		Height of overhead guard	mm/in. 2100 / 82.7	
23		Height of seat	mm/in. 1050/41	
24		Tow coupling height	mm/in. 430/16.9	
25		Overall length	mm/in. 2750/108	
26		Length to fork face	mm/in. 1830/72	
27		Overall width	mm/in. 1070/42	
28		Fork dimensions (L x W x T)	mm/in. 1070X122X40 (42X4.8X1.57)	
29		Fork carriage type/class	2A	
30		Width of fork carriage	mm/in. 1040 / 41	
31		Ground clearance, mast	mm/in. 110/4.3	
32		Ground clearance, center of wheelbase	mm/in. 100/4	
PERFORMANCE		33	Aisle width with pallets 1000Lx1200W across forks(clearance=200mm)	mm/in. 3700/145.6
	34	Aisle width with pallets 800Wx1200L along forks(clearance=200mm)	mm/in. 3900/153.5	
	35	Outside turning radius	mm/in. 2050 / 80.7	
	36	Travel speed, with/without load <sup>2)</sup>	km/h 14.5	
	37	Lifting speed, with/without load <sup>2)</sup>	mm(in.)/s 400/460 (15.7/18)	
	38	Lowering speed, with/without load	mm(in.)/s 440/400 (17.3/15.5)	
	39	Maximum drawbar pull, with/without load <sup>2)</sup>	KN 12.2/12.5	
	40	Maximum gradeability, with load/without load <sup>2)</sup>	% 20/20	
	41	Acceleration, with/without load(first 10m) <sup>2)</sup>	sec. 4.6/4.2	
	42	Brake system	Service brake	Foot—Hydraulic wet disk
			Parking brake	Lever-Hydraulic wet disk
43	Steering system	Hydraulic power steering		
DRIVE	44	Drive motor, 60 minute rating	KW 6.5X2	
	45	Lift motor, 2 minute rating	KW 15	
	46	Battery (DIN43531A)	DIN43531A	
	47	Battery voltage/rated capacity (5h) <sup>2)</sup>	V/Ah 48/580	
48	Battery weight (±5%)	kg/lb. 950/ 2093		
OTHER	49	Type of drive control	SME/AC	
	50	Working pressure for attachments	kg/cm <sup>2</sup> 150	
	51	Tow coupling, type	S	

\* Note: 1) Max. battery weight    2) Standard mode    3) Standard battery capacity