

HYTSU[®]

FORKLIFT TRUCK

Electric Forklift Truck (2-2.5 ton)

--- 4 - Wheels AC Powered

Energy saving

- ◎ With SME controller, pmp transmission and AC powered motor.

Safe

- ◎ Parking brake lever with safety lock.
- ◎ Strong high- capacity battery provides power.

Comfortable

- ◎ Equipped with an electronic hydraulic braking system and flexible operation mode, makes control easy, safe and comfortable driving.



Standard specifications

CHARACTERISTICS	Manufacturer		HYTSU GROUP	
	Model designation		FE20SF (II)	FE25SF
	Power type	-	Battery	Battery
	Power unit	V	48	48
	Type of operation	-	Drive seated	Drive seated
	Load capacity	kg/lb.	2000 / 4400	2500 / 5500
	Load center	mm/in.	500 / 19.7	500 / 19.7
	Fork overhang (Axle center to fork face)	mm/in.	450 / 17.7	450 / 17.7
	Wheelbase	mm/in.	1500 / 59	1500 / 59
WEIGHTS	Service weight (with battery) ¹⁾	kg/lb.	3820 / 8414	3820 / 8414
	Axle load with load, front/rear ¹⁾	kg/lb.	5450 / 870 (12011 / 1915)	5450 / 870 (12011 / 1915)
	Axle load without load, front/rear ¹⁾	kg/lb.	2390 / 1430 (5265 / 3150)	2390 / 1430 (5265 / 3150)
WHEELS AND TYRES	Tyre size, front	-	21X8-9-16PR (21X8-9)	21X8-9-16PR (21X8-9)
	Tyre size, rear	-	18X7-8-14PR(18X7-8)	18X7-8-14PR(18X7-8)
	Wheels, number front/rear (x=driven)	-	2 / 2	2 / 2
	Tread width, front	mm/in.	970 / 38	970 / 38
	Tread width, rear	mm/in.	970 / 38	970 / 38
DIMENSIONS	Mast/fork carriage tilt, forward/backward	deg	6 / 12	6 / 12
	Height of mast, fork lowered	mm/in.	2135 / 84	2135 / 84
	Operation type options	-	Economic / Standard / High	Economic / Standard / High
	Maximum fork height	mm/in.	3300 / 130	3300 / 130
	Height of mast, extended	mm/in.	4360 / 171.6	4360 / 171.6
	Height of overhead guard	mm/in.	2100 / 82.7	2100 / 82.7
	Height of seat	mm/in.	1050 / 41	1050 / 41
	Tow coupling height	mm/in.	430 / 16.9	430 / 16.9
	Overall length	mm/in.	2750 / 108	2750 / 108
	Length to fork face	mm/in.	1830 / 72	1830 / 72
	Overall width	mm/in.	1070 / 42	1070 / 42
	Fork dimensions (L x W x T)	mm/in.	1070X122X40 / 42X4.8X1.57	1070X122X40 / 42X4.8X1.57
	Fork carriage type/class	-	2A	2A
	Width of fork carriage	mm/in.	1040 / 41	1040 / 41
	Ground clearance, mast	mm/in.	110 / 4.3	110 / 4.3
	Ground clearance, center of wheelbase	mm/in.	100/4	100/4
	Aisle width with pallets 1000Lx1200W across forks(clearance=200mm)	mm/in.	3700 / 145.6	3700 / 145.6
	Aisle width with pallets 800Wx1200L along forks(clearance=200mm)	mm/in.	3900 / 153.5	3900 / 153.5
PERFORMANCE	Travel speed, with/without load ²⁾	km/h	14.5	14.5
	Lifting speed, with/without load ²⁾	mm(in.)/s	400/460 (15.7/18)	400/460 (15.7/18)
	Lowering speed, with/without load	mm(in.)/s	440/400 (17.3/15.5)	440/400 (17.3/15.5)
	Maximum drawbar pull, with/without load ²⁾	KN	12.2 / 12.5	12.2 / 12.5
	Maximum gradeability, with load/without load ²⁾	%	20 / 20	20 / 20
	Acceleration, with/without load(first 10m) ²⁾	sec.	4.6 / 4.2	4.6 / 4.2
	Brake system	Service brake	-	Foot—Hydraulic wet disk
		Parking brake	-	Lever-Hydraulic wet disk
	Steering system	-	Hydraulic power steering	Hydraulic power steering
DRIVE	Drive motor, 60 minute rating	KW	6.5X2	6.5X2
	Lift motor, 2 minute rating	KW	15	15
	Battery (DIN43531A)	-	DIN43531A	DIN43531A
	Battery voltage/rated capacity (5h) ²⁾	V/Ah	48/460	48/580
	Battery weight (±5%)	kg/lb.	950 / 2093	950 / 2093
OTHER	Type of drive control	-	SME / AC	SME / AC
	Working pressure for attachments	kg/cm ²	150	150
	Tow coupling, type	-	S	S
	Transmission case	-	PMP	PMP

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



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