

HYTSU®

FORKLIFT TRUCK

Electric Forklift Truck (1.6-2 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

		HYTSU GROUP		
CHARACTERISTICS		FE16SF	FE18SF	FE20SF
Manufacturer				
Model designation				
Power unit	V	48	48	48
Type of operation	-	Drive seated	Drive seated	Drive seated
Load capacity	kg/lb.	1600/3520	1800/3900	2000/4400
Load center	mm/in.	500/19.7	500/19.7	500/19.7
Fork overhang (Axle center to fork face)	mm/in.	368/14.5	368/14.5	368/14.5
Wheelbase	mm/in.	1360/53.5	1360/53.5	1360/53.5
WEIGHTS				
Service weight (with battery) ¹⁾	kg/lb.	3230/7106	3320/7304	3476/7647
Axle load with load, front/rear ¹⁾	kg/lb.	4312/518 (9486/1140)	4552/568 (10014/1249)	4820/656 (10604/1443)
Axle load without load, front/rear ¹⁾	kg/lb.	1540/1690 (3388/3718)	1594/1726 (3507/3797)	1573/1903 (3460/4186)
WHEELS AND TYRES				
Tyre size, front	-	18X7-8	18X7-8	200/50-10
Tyre size, rear	-	16X6-8	16X6-8	16X6-8
Wheels, number front/rear (x=driven)	-	2/2	2/2	2/2
Tread width, front	mm/in.	920/36	920/36	940/37
Tread width, rear	mm/in.	920/36	920/36	920/36
DIMENSIONS				
Mast/fork carriage tilt, forward/backward	deg	6°/12°	6°/12°	6°/12°
Height of mast, fork lowered	mm/in.	2135 / 84	2135 / 84	2135 / 84
Operation type options	-	Economic / Standard / High		
Maximum fork height	mm/in.	3300 / 130	3300 / 130	3300 / 130
Height of mast, extended	mm/in.	4360/172	4360/172	4360/172
Height of overhead guard	mm/in.	2000/ 78.7	2000/ 78.7	2000/ 78.7
Height of seat	mm/in.	895/35	895/35	895/35
Tow coupling height	mm/in.	465/18	465/18	465/18
Overall length	mm/in.	2963/116.7	2970/117	3125/123
Length to fork face	mm/in.	2043/80.4	2050/80.5	2055/81
Overall width	mm/in.	1070/42	1070/42	1120/44
Fork dimensions (L x W x T)	mm/in.	920X100X35 (36X4X1.4)	920X100X38 (36X4X1.5)	1070X122X40 (42X4.8X1.6)
Fork carriage type/class	-	2A	2A	2A
Width of fork carriage	mm/in.	1070 / 42	1070 / 42	1070 / 42
Ground clearance, mast	mm/in.	100/4	100/4	100/4
Ground clearance, center of wheelbase	mm/in.	90/3.5	90/3.5	90/3.5
Aisle width with pallets 1000Lx1200W across forks(clearance=200mm)	mm/in.	3634/143	3639/143.2	3644/143.4
Aisle width with pallets 800Wx1200L along forks(clearance=200mm)	mm/in.	3758/148	3763/148.2	3768/148.4
Outside turning radius	mm/in.	1940 / 76.3	1945/76.4	1950/76.4
PERFORMANCE				
Travel speed, with/without load ²⁾	km/h	13.5/14.5	13.5/14.5	13.5/14.5
Lifting speed, with/without load ²⁾	mm(in.)/s	410/460 (16/18)	400/460 (15.5/18)	380/460 (15/18)
Lowering speed, with/without load	mm(in.)/s	440/400 (17.3/15.5)	450/410 (17.7/16)	450/410 (17.7/16)
Maximum drawbar pull, with/without load ²⁾	KN	9/11.5	6/11.5	6/11.5
Maximum gradeability, with load/without load ²⁾	%	15/20	15/20	15/20
Acceleration, with/without load(first 10m) ²⁾	sec.	5.2/4.8	5.2/4.8	5.2/4.8
Brake system	Service brake	-	Foot-Hydraulic wet disk	
	Parking brake	-	Lever-Hydraulic wet disk	
Steering system	-	Hydraulic power steering		
DRIVE				
Drive motor, 60 minute rating	KW	6.5X2	6.5X2	6.5X2
Lift motor, 2 minute rating	KW	12	12	12
Battery voltage/rated capacity (5h) ³⁾	V/Ah	48/460	48/460	48/460
Battery weight (±5%)	kg/lb.	800 / 1760	800 / 1760	800 / 1760
OTHER				
Type of drive control	-	SME	SME	SME
Working pressure for attachments	kg/cm ²	140	150	160
Tow coupling, type	-	S	S	S
Transmission case	-	PMP	PMP	PMP

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



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