

T&U[®]

S100 SERIES

2.5 TON

**4 - WHEELS ELECTRIC
FORKLIFT TRUCK**

FE25SF 2500kg



STANDARD SPECIFICATIONS

| | | | | | |
|------------------|------------|--|--|----------------------------|--------------------------|
| CHARACTERISTICS | 1 | Manufacturer | | HYTSU GROUP | |
| | 2 | Model designation | | FE25SF | |
| | 3 | Power unit | V | 48 | |
| | 4 | Type of operation | | Drive seated | |
| | 5 | Load capacity | kg/lb. | 2500/5500 | |
| | 6 | Load center | mm/in. | 500/19.7 | |
| | 7 | Fork overhang (Axle center to fork face) | mm/in. | 450/17.7 | |
| | 8 | Wheelbase | mm/in. | 1500/59 | |
| WEIGHTS | 9 | Service weight (with battery) ¹⁾ | kg/lb. | 3820/8414 | |
| | 10 | Axle load with load, front/rear ¹⁾ | kg/lb. | 5450/870(12011/1915) | |
| | 11 | Axle load without load, front/rear ¹⁾ | kg/lb. | 2390/1430(5265/3150) | |
| WHEELS AND TYRES | 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 | |
| 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 | |
| PERFORMANCE | | 36 | Travel speed, with/without load ²⁾ | km/h | 14.5 |
| | | 37 | Lifting speed, with/without load ²⁾ | 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 ²⁾ | KN | 12.2/12.5 | |
| | 40 | Maximum gradeability, with load/without load ²⁾ | % | 20/20 | |
| | 41 | Acceleration, with/without load(first 10m) ²⁾ | 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) ²⁾ | 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 ² | 150 | |
| | 51 | Tow coupling, type | | S | |

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