

ROUGH TERRAIN

FD35RT

2WD
**3.5 TON ROUGH
TERRAIN DIESEL**


| 2WD | | | | | |
|--------------------------|---------------------------------------|--|---------------------------------------|----------------------------|---------|
| General | 1 | Model | | FD35T-C2WE3 | |
| | 2 | Power type | | | |
| | | Optional type | | | |
| | 3 | Rated capacity | Kg | 3500 | |
| 4 | Load centre | mm | 500 | | |
| Characteristic&Dimension | 5 | Lifting height | | mm 3000 | |
| | 6 | Free lift | | mm 165 | |
| | 7 | Fork size | L×W×T | mm 1070×125×45 | |
| | 8 | Fork regulating range | Min./Max. | mm 250-1160 | |
| | 9 | Mast tilt angle | F/R | Deg 10/12 | |
| | 10 | Front overhang | | mm 601 | |
| | 11 | Rear overhang | | mm 520 | |
| | 12 | Min.ground clearance(drive steer axle) | | mm 270 | |
| | 13 | Overall dimensions | Length to face of fork (without fork) | mm 2956 | |
| | 14 | | Overall width | mm 1600.5 | |
| | 15 | | Mast lowered height | mm 2330 | |
| | 16 | | Mast extended height (with backrest) | mm 4305 | |
| | 17 | | Overhead guard height | mm 2276 | |
| | 18 | Turning radius | | mm 2870 | |
| 19 | Min. right angle stacking aisle width | Pallet size a ₁₂ =1000,b ₁₂ =1200 | mm 4741 | | |
| | | Pallet size a ₁₂ =1200,b ₁₂ =800 | mm 4871 | | |
| Performance | 20 | Min. right angle stacking aisle width(pallet size a ₁₂ =1200,b ₁₂ =1200) | | mm 2870 | |
| | 22 | Speed | Travel(Laden/Unladen) | Km/h 22/22(WE3)/20/18(WV3) | |
| | | | Lifting(Laden) | mm/sec 450(WE3)/385(WV3) | |
| | | | Lowering(Laden) | mm/sec 450 | |
| 24 | Max. Drawbar pull(Laden) | | KN 17(WE3)/15(WV3) | | |
| Tyre | 25 | | Max. Gradeability(Laden) | | % 16 |
| | 26 | Tyre | Front | 14-17.5-14PR | |
| | | | Rear | 27×10-12-12PR | |
| | 28 | Tread | Front | mm 1250.5 | |
| | | | Rear | mm 1205 | |
| Weight | 30 | | Wheelbase | | mm 1880 |
| | 31 | | Self weight | | kg 5180 |
| | 32-35 | Laden | Front axle | kg 7725 | |
| | | | Rear axle | kg 955 | |
| | | Unladen | Front axle | kg 2070 | |
| | | | Rear axle | kg 3110 | |
| 36 | Battery | Voltage/Capacity | | V/Ah 12/90 | |


Engine: Yanmar 4TNE98

 Rated output **42.1kw/2300rpm** >

 Rated torque **196.3N.m/1700rpm** >


| | | |
|---------------------|--------------|--------------|
| Model | 4TNE98-BQFLC | |
| Manufacture | YANMAR | |
| Rated output/r.p.m. | Kw | 42.1/2300 |
| Rated torque/r.p.m. | N.m | 186-206/1700 |
| No. of cylinder | 4 | |
| Bore×Stroke | mm | 98 × 110 |
| Displacement | L | 3.318 |
| Fuel tank capacity | L | 55 |

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EQUIPMENT

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