

# UN Forklift

## N Series 2.5T-3.5T2WD Drive

### Rough Terrain Forklift

|                            |    |  |         |               |               |               |
|----------------------------|----|--|---------|---------------|---------------|---------------|
| General                    | 1  | Manufacturer                                       |         | UN            |               |               |
|                            | 2  | Model  |         | FD25T-C       | FD30T-C       | FD35T-C       |
|                            | 3  | Power Type   |         | Diesel        | Diesel        | Diesel        |
|                            | 4  | Rated Load Capacity                                | Q(kg)   | 2500          | 3000          | 3500          |
|                            | 5  | Load Centre  | C(mm)   | 500           | 500           | 500           |
| Characteristic & Dimension | 6  | Rated Lift Height                                  | H3(mm)  | 3000          | 3000          | 3000          |
|                            | 7  | Free Lift Height                                   | H2(mm)  | 160           | 165           | 165           |
|                            | 8  | Fork Size (LxWxT)                                  | mm      | 1220x122x40   | 1220x122x45   | 1220x122x45   |
|                            | 9  | Mast Tilt Angle (F/R, $\alpha^\circ/\beta^\circ$ ) | deg     | 10/12         | 10/12         | 10/12         |
|                            | 10 | Fork Overhang (Wheel Center to Fork Face)          | X1(mm)  | 585           | 600           | 600           |
|                            | 11 | Rear Overhang                                      | X2(mm)  | 520           | 520           | 520           |
|                            | 12 | Ground Clearance (Bottom of Mast)                  | H7(mm)  | 240           | 270           | 270           |
|                            | 13 | Length to Face of Fork (Without Fork)              | L1(mm)  | 2946          | 2956          | 2956          |
|                            | 14 | Overall Width                                      | B1(mm)  | 1557          | 1600.5        | 1600.5        |
|                            | 15 | Mast Lowered Height                                | H1(mm)  | 2215          | 2330          | 2330          |
|                            | 16 | Mast Extended Height (With Backrest)               | H4(mm)  | 4122          | 4305          | 4305          |
|                            | 17 | Side Shift   | X(mm)   | 290-1150      | 250-1160      | 250-1160      |
|                            | 18 | Overhead Guard Height                              | H5(mm)  | 2256.5        | 2276          | 2276          |
|                            | 19 | Turning Radius (Outside)                           | Wa(mm)  | 2900          | 2900          | 2900          |
|                            | 20 | Min.Aisle width for pallets                        | Ast(mm) | 4726          | 4741          | 4741          |
| Performance                | 21 | Travel Speed (No Load)                             | km/h    | 20/18         | 22/22         | 22/22         |
|                            | 22 | Lifting Speed (Full Load)                          | mm/sec  | 640/620       | 450           | 450           |
|                            | 23 | Lowering Speed (Full Load)                         | mm/sec  | 600           | 540           | 540           |
|                            | 24 | Max.Drawbar Pull (Full Load)                       | KN      | 17            | 17            | 17            |
|                            | 25 | Max.Gradeability (Full Load)                       | %       | 20            | 16            | 16            |
| Chassis                    | 26 | Tyre (Front x 4)                                   |         | 12-16.5-12PR  | 14-17.5-14PR  | 14-17.5-14PR  |
|                            | 27 | Tyre (Rear x 2)                                    |         | 27x10-12-12PR | 27x10-12-12PR | 27x10-12-12PR |
|                            | 28 | Front Tread  | B2(mm)  | 1250.5        | 1250.5        | 1250.5        |
|                            | 29 | Rear Tread   | B3(mm)  | 1205          | 1205          | 1205          |
|                            | 30 | Wheelbase  | Y(mm)   | 1880          | 1880          | 1880          |
| Weight                     | 31 | Total Weight                                       | kg      | 4670          | 4980          | 5180          |
|                            | 32 | Front Axle Weight Distribution (Full Load)         | kg      | 5990          | 7725          | 7725          |
|                            | 33 | Rear Axle Weight Distribution (Full Load)          | kg      | 975           | 955           | 955           |
|                            | 34 | Front Axle Weight Distribution (No Load)           | kg      | 1785          | 2070          | 2070          |
|                            | 35 | Rear Axle Weight Distribution (No Load)            | kg      | 2680          | 3110          | 3110          |