

|                                            |          |                 |
|--------------------------------------------|----------|-----------------|
|                                            |          |                 |
| GENERAL                                    |          |                 |
| Manufacturer                               |          | UN              |
| Model                                      |          | FGL25T          |
| Power Type                                 |          | Petrol / LPG    |
| Rated Load Capacity                        | Q (kg)   | 2500            |
| Load Centre                                | C (mm)   | 500             |
| Rated Lift Height                          | H3 (mm)  | 3000            |
| CHARACTERISTICS & DIMENSIONS               |          |                 |
| Free Lift Height                           | H2 (mm)  | 120             |
| Fork Size (L x W x T)                      | mm       | 1070 x 122 x 40 |
| Mast Tilt Angle (F/R)                      | deg      | 6/12            |
| Fork Overhang (Wheel Centre to Fork Face)  | X1 (mm)  | 462             |
| Rear Overhang                              | X2 (mm)  | 550             |
| Ground Clearance (Bottom of Mast)          | H7 (mm)  | 110             |
| Length to Face of Fork (Without Fork)      | L1 (mm)  | 2662            |
| Overall Width                              | B1 (mm)  | 1180            |
| Mast Lowered Height                        | H1 (mm)  | 2045            |
| Mast Extended Height (With Backrest)       | H4 (mm)  | 4021            |
| Overhead Guard Height                      | H5 (mm)  | 2215            |
| Turning Radius (Outside)                   | Wa (mm)  | 2365            |
| Min. Aisle Width for Pallets               | Ast (mm) | 4120            |
| PERFORMANCE                                |          |                 |
| Travel Speed (No Load)                     | km/h     | 20              |
| Lifting Speed (Full Load)                  | mm/sec   | 523             |
| Lowering Speed (Full Load / No Load)       | mm/sec   | <=600/>=300     |
| Max. Drawbar Pull (Full Load / No Load)    | kN       | 19.6/19.1       |
| Max. Gradeability (Full Load)              | %        | 29              |
| CHASSIS                                    |          |                 |
| Tyre (Front x2)                            | mm       | 7.00-12-12PR    |
| Tyre (Rear x2)                             | mm       | 6.00-9-10PR     |
| Front Tread                                | B2 (mm)  | 970             |
| Rear Tread                                 | B3 (mm)  | 980             |
| Wheelbase                                  | Y (mm)   | 1650            |
| WEIGHT                                     |          |                 |
| Total Weight                               | kg       | 4017            |
| Front Axle Weight Distribution (Full Load) | kg       | 5794            |
| Rear Axle Weight Distribution (Full Load)  | kg       | 1223            |
| Front Axle Weight Distribution (No Load)   | kg       | 1868            |
| Rear Axle Weight Distribution (No Load)    | kg       | 2149            |
| POWER & TRANSMISSION                       |          |                 |
| Battery                                    | V/Ah     | 12/60           |
| Engine Model                               |          | GK25 (EU III)   |
| Engine Manufacturer                        |          | GCT             |
| Rated Output / rpm                         | kW       | 35.6/2100       |
| Rated Torque / rpm                         | N-m      | 176.5/1600      |
| No. of Cylinders                           |          | 4               |
| Bore x Stroke                              | mm       | 92 x 93         |
| Displacement                               | cc       | 2472            |
| Fuel Tank Capacity                         | L        | 60              |
| Transmission Type                          |          | HYDRAULIC       |
| Transmission Stage (FWD/RVS)               |          | 1/1             |
| Operating Pressure (For Attachments)       | MPa      | 18.5            |