FORKLIFTS AUSTRALIA

UN FORKLIFT

# N SERIES

## 4.0T-5.0T MINI DIESEL FORKLIFTS

UN forklifts are designed to excel in the most challenging environments with increased safety, enhanced cooling systems, reduced noise and vibration all with low maintenance. With refined performance at an affordable price, UN Forklifts reduce the total cost of ownership and provide reliable and efficient solutions to drive productivity in your operations.

GLOBAL LEADER · FUEL EFFICIENT · CUSTOMISABLE · DURABLE

| MODEL | | 4.0T | 4.5T | 5.0T |
|---|---|---|---|---|
| **GENERAL SPECIFICATIONS** | | | | |
| Power Type | | Diesel | Diesel | Diesel |
| Load Capacity | T | 4.0T | 4.5T | 5.0T |
| Load Capacity | Q(kg) | 4000 | 4500 | 5000 |
| Load Centre | mm | 500 | 500 | 500 |
| **CHARACTERISTICS & DIMENSION** | | | | |
| Rated Lift Height | mm | 3000 | 3000 | 3000 |
| Free Lift Height | mm | 84 | 84 | 84 |
| Fork Size (LxWxT) | mm | 1070×150×50 | 1070×150×50 | 1070×150×50 |
| Mast Tilt Angle (F/R, a°/β°) | deg | 6°/12° | 6°/12° | 6°/12° |
| Fork Overhang (Wheel Center to Fork Face) | mm | 578 | 578 | 578 |
| Rear Overhang | mm | 550 | 570 | 614 |
| Ground Clearance (Bottom of mast) | mm | 175 | 175 | 175 |
| Length to Face of Fork (Without Fork) | mm | 3091 | 3091 | 3125 |
| Overall Width | mm | 1485 | 1485 | 1485 |
| Mast Lowered Height | mm | 2260 | 2260 | 2260 |
| Mast Extended Height (With Backrest) | mm | 4266 | 4266 | 4266 |
| Overhead Guard Height | mm | 2260 | 2260 | 2260 |
| Turning Radius (Outside) | mm | 2790 | 2790 | 2830 |
| Min.Aisle width for pallets | mm | 4640 | 4640 | 4680 |

ISUZU · MITSUBISHI · NISSAN

Market leading engines ensure superior performance, durability and excellent fuel efficiency. All diesel forklifts have Mitsubishi or Isuzu engines. The LPG and gasoline forklifts utilise Nissan engines.

| MODEL | | 4.0T | 4.5T | 5.0T |
|---|---|---|---|---|
| **PERFORMANCE** | | | | |
| Travel Speed (No Load) | km/h | • | • | 22 |
| Lifting Speed (No Load/Full Load) | mm/sec | 450 | 450 | 430 |
| Lowering Speed (No Load/Full Load) | mm/sec | 480 | 480 | 480 |
| Max.Drawbar Pull (Full Load) | KN | 21 | 21 | 21 |
| Max.Gradeability (Full Load) | % | 20% | 20% | 20% |
| **CHASSIS** | | | | |
| Tyre (Front x 2) | mm | 300-15-18PR | 300-15-18PR | 300-15-18PR |
| Tyre (Rear x 2) | mm | 7.00-12-12PR | 7.00-12-12PR | 7.00-12-12PR |
| Front Tread | mm | 1180 | 1180 | 1180 |
| Rear Tread | mm | 1190 | 1190 | 1190 |
| Wheelbase | mm | 2000 | 2000 | 2000 |
| **WEIGHT** | | | | |
| Total Weight | kg | 6600 | 6800 | 7100 |
| Front Axle Weight Distribution (Full Load) | kg | 9010 | 9750 | 10500 |
| Rear Axle Weight Distribution (Full Load) | kg | 1590 | 1550 | 1600 |
| Front Axle Weight Distribution (No Load) | kg | 2750 | 2710 | 2680 |
| Rear Axle Weight Distribution (No Load) | kg | 3850 | 4090 | 4420 |
| **POWER & TRANSMISSION** | | | | |
| Battery | V/Ah | 24/90 | 24/90 | 24/90 |
| Engine Model | | S6S(EUIII) | S6S(EUIII) | S6S(EUIII) |
| Engine Manufacturer | | Mitsubishi | Mitsubishi | Mitsubishi |
| Rated Output / r.p.m. | kw | 52 /2300 | 52 /2300 | 52 /2300 |
| Rated Torque / r.p.m. | N-m | 248 /1700 | 248 /1700 | 248 /1700 |
| No.of Cylinder | | 6 | 6 | 6 |
| Bore x Stroke | mm | 94 × 120 | 94 × 120 | 94 × 120 |
| Displacement | L | 4.966 | 4.966 | 4.966 |
| Fuel Tank Capacity | L | 90 | 90 | 90 |
| Transmission Type | | Powershift | Powershift | Powershift |
| Transmission Stage (FWD/RVS) | | 2/1 | 2/1 | 2/1 |
| Operating Pressure (For Attachments) | Mpa | 19 | 19 | 19 |

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|---|---|---|---|
| EXTRAS INCLUDED | | | |
| Side-Shift | • | • | • | • |
| Fork postioner | • | • | • | • |
| Solid Non-Marking Tyres | • | • | • | • |

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