

NL SERIES 3.0T FORKLIFT

3.0T LITHIUM FORKLIFT



N SERIES

1.5T - 3.5T

LI-ION ELECTRIC 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.



| MODEL | | 1.5T | 2.0T | 2.5T | 3.0T | 3.5T |
|---|--------|------------|-------------|-------------|-------------|-------------|
| GENERAL SPECIFICATIONS | | | | | | |
| Load Capacity | T | 1.5T | 2.0T | 2.5T | 3.0T | 3.5T |
| Load Capacity | Q(kg) | 1500 | 2000 | 2500 | 3000 | 3500 |
| Load Centre | mm | 500 | 500 | 500 | 500 | 500 |
| CHARACTERISTICS & DIMENSION | | | | | | |
| Rated Lift Height | H3(mm) | 3000 | 3000 | 3000 | 3000 | 3000 |
| Free Lift Height | H2(mm) | 100 | 100 | 100 | 100 | 100 |
| Fork Size (LxWxT) | mm | 920x120x35 | 1070x120x40 | 1070x120x40 | 1070x125x45 | 1070x125x50 |
| Mast Tilt Angle (F/R, α°/β°) | deg | 6°/12° | 6°/12° | 6°/12° | 6°/12° | 6°/12° |
| Length to Face of Fork | L1(mm) | 2150 | 2380 | 2380 | 2475 | 2535 |
| Overall Width | B1(mm) | 1090 | 1150 | 1150 | 1225 | 1225 |
| Mast Lowered Height | H1(mm) | 2025 | 2055 | 2055 | 2070 | 2070 |
| Mast Extended Height (With Backrest) | H4(mm) | 4055 | 4070 | 4070 | 4070 | 4070 |
| Overhead Guard Height | H5(mm) | 2125 | 2125 | 2125 | 2125 | 2125 |
| Turning Radius | Wa(mm) | 1995 | 2080 | 2080 | 2215 | 2280 |
| Fork Overhang (Wheel Center to Fork Face) | X(mm) | 409 | 478 | 478 | 485 | 485 |
| Front Tread | B2(mm) | 890 | 970 | 970 | 1000 | 1000 |
| Rear Tread | B3(mm) | 920 | 950 | 950 | 980 | 980 |
| Ground Clearance | | 110 | 120 | 120 | 130 | 130 |

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|---|---------|--------------|--------------|--------------|--------------|--------------|
| Wheelbase | Y(mm) | 1380 | 1500 | 1500 | 1600 | 1600 |
| Fork Spread (Min/Max) | mm | 140/970 | 250/1040 | 250/1040 | 250/1100 | 250/1100 |
| Working Aisle Width With Pallet (1000x1200,1200 Lengthways) | Ast(mm) | 3605 | 3830 | 3830 | 3970 | 4035 |
| Working Aisle Width With Pallet (800x1200,800 Lengthways) | Ast(mm) | 3805 | 3960 | 3960 | 4100 | 4165 |
| TYRE | | | | | | |
| Tyre (Front x 2) | mm | 6.50-10-10PR | 7.00-12-12PR | 7.00-12-12PR | 26x9-15-12PR | 26x9-15-12PR |
| Tyre (Rear x 2) | mm | 5.00-8-8PR | 16x7-8-14PR | 16x7-8-14PR | 16x7-8-14PR | 16x7-8-14PR |
| PERFORMANCE | | | | | | |
| Travel Speed (Full Load) | km/h | 12 | 12 | 12 | 12 | 12 |
| Travel Speed (No Load) | km/h | 13 | 13 | 13 | 13 | 13 |
| Lifting Speed (Full Load) | mm/sec | 280 | 300 | 300 | 280 | 280 |
| Lowering Speed (Full Load) | mm/sec | 380 | 420 | 420 | 440 | 440 |
| Max.Gradeability (Full Load) | % | 16 | 18 | 18 | 16 | 12 |
| Max.Gradeability (No Load) | % | 18 | 20 | 20 | 18 | 13 |
| WEIGHT | | | | | | |
| Total Weight (Include Battery Box) | kg | 3060 | 4160 | 4420 | 5160 | 5420 |
| POWER & TRANSMISSION | | | | | | |
| Diver Motor | kw | 7.5 | 11 | 11 | 12 | 12 |
| Pump Motor | kw | 10 | 12 | 12 | 13.5 | 13.5 |
| Battery(standard) | V/Ah | 51.2/300 | 51.2/405 | 51.2/405 | 83.2/405 | 83.2/405 |
| Controller Type | | AC | AC | AC | AC | AC |
| Controller Manufacturer | | ZAPI | ZAPI | ZAPI | ZAPI | ZAPI |
| Operating Pressure | Mpa | 14.5 | 17.5 | 17.5 | 17.5 | 17.5 |
| EXTRAS INCLUDED | | | | | | |
| Side-Shift | | • | • | • | • | • |
| Fork postioner | | • | • | • | • | • |
| Solid Non-Marking Tyres | | • | • | • | • | • |

