



N Series IC Forklift 1500kg to 3500kg Load Capacity

- Reliability
- Advanced Safety
- Ergonomics and Comfort
- Superb Productivity



UN's 1500kg to 3500kg forklifts are designed to excel in the most challenging environments. With increased safety, enhanced cooling system, reduced noise and vibration levels and low maintenance, the UN forklifts reduce the total cost of ownership. With refined performance at an affordable price, UN forklifts provide reliable solutions with increased efficiency to drive productivity in your operations.

01

02



Reliability

10% **Steering System**
The hydraulic steering system improves energy efficiency.

25% **Lifting & Driving System**
The unique hydraulic technology increases lifting speed by 25% and improves driving speed.



Excellent hydraulic system delivers great performance

- Uses a load-sensing flow control valve for steering to reduce horsepower loss and heat buildup.
- The main hydraulic valve incorporates adjustable flow controls for tilt and auxiliary functions.
- Allows for easy addition of extra functions and simplifies service.
- Controlled lowering speed that is independent of load speed.

03

Rugged Engine and Optimal Performance



EPA Tier IV
EURO III A/B

Market leading, quality engines ensure superior performance, durability and excellent fuel efficiency.



Heavy Duty One-Piece Truck Frame

Heavy duty one-piece truck frame, with its welded and formed steel plate design, protects it from impact damage and extends the life span.



New Designed Radiator

New radiator is designed with thinner water conduits and extended wave length to increase ventilation and air flow.



Multi-functional Dashboard

The newly designed dashboard, has larger screens resulting in improved visibility.

Repositioning of hydraulic pipelines around the fuel tank and the enhanced cooling system keeps engine temperatures lower, even in the harshest working environments.



04



Advanced Safety



Strong Rollover Protection Structure

Exceeding CE or ANSI regulations, the ROPS offers optimal protection combined with excellent all-around visibility.



Excellent Visibility for Safe Operation

Optimised lift cylinder arrangement provides operator with wider visibility and the panoramic mirror expands the driver's view when reversing.



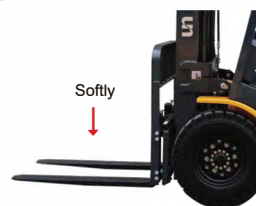
Parking Brake

Toggle type parking brake requires less effort from the operator to set.



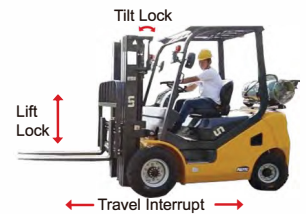
Fork Safety Features

When the forks are being lowered, a down-control valve maintains the controlled speed. The down-safety valve prevents forks from dropping down in case of sudden damage to the hydraulic line.



OPS Operator Presence Sensor (Optional)

This comprehensive safety system includes a seal-actuated, power interrupt with mast-lock, automatically preventing lift and tilt operations if the operator leaves the seat.





Optimised Ergonomics



The Latest Anti-Vibration and Shock Absorbing System

The anti-vibration rubber is installed between the guard and truck frame to reduce the source of vibration and noise while driving. This reduces operator's fatigue and increases safety.



Superior Comfort from Suspension Design

The suspension cab and seat design reduces travel vibration by 30%, so the operator feels less fatigue and greater comfort.



Steering Adjuster

To achieve a comfortable drive position, the angle of the steering column is easily adjusted and the steering wheel can be adjusted by a lever on the left-hand side.



Steering Wheel



Ergonomically Positioned Pedals

The accelerator, brake and inching pedals are positioned for operator's comfort to reduce fatigue.



Lowered Entrance Height

The lowered entrance height ensures easy and safe access for the operator. The wide open step offers convenience and safety when entering and exiting the truck.



Fuel Cap

Manufactured from durable materials and made for sealing and venting.



Comfortable Seat

Great comfort is experienced by the driver with a suspension seat and weight adjuster.



Switch and buzzer

Hazard lights switch and reverse buzzer



Engine Hood

Lockable engine hood.



Fast and Easy Maintenance



Wide Opening Engine Hood

Easily accessible engine compartment assures fast and efficient maintenance.



Easy Change of Air Cleaner

The air filter is readily accessible for cleaning or replacement.

Quick and Easy Engine Oil Check



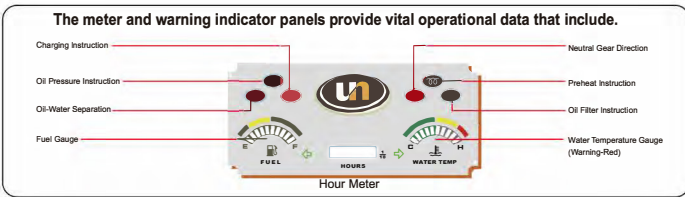
Easy Gas Tank Change

The LPG cylinder is easily installed and the swing down bracket allows the operator to remove the tank in a lower position with minimal effort.



Easy Maintenance Oil Check

The TMI oil level can be checked easily without any disassembly.



The meter and warning indicator panels provide vital operational data that include.

- Charging Instruction
- Oil Pressure Instruction
- Oil-Water Separation
- Fuel Gauge
- Neutral Gear Direction
- Preheat Instruction
- Oil Filter Instruction
- Water Temperature Gauge (Warning-Red)

Hour Meter

1.5-1.8 TON MAST SPECIFICATIONS & RATED CAPACITIES

| Mast Type | Mast Name | Max Fork Height (mm) | Load Capacity (kg) | | | | Overall Height (mm) | | | | Free Lift (mm) | | Til Angle (Single) | Til Angle (Double) | Total Weight (kg) | |
|------------------------|-----------|----------------------|--------------------|------|-----------|---------------|---------------------|---------------|---------------|------|----------------|-----------|--------------------|--------------------|-------------------|------|
| | | | Lowered | | Extended | | Without Backrest | | With Backrest | | 1.5t/1.8t | 1.5t/1.8t | | | 1.5t | 1.8t |
| | | | 1.5t | 1.8t | 1.5t/1.8t | With Backrest | Without Backrest | With Backrest | | | | | | | | |
| Wide View Mast | M330 | 3000 | 1900 | 1900 | 2025 | 2025 | 4055 | 100 | 100 | 6-12 | | 2900 | 2900 | | | |
| | M330 | 3300 | 1900 | 1800 | 2175 | 3875 | 4305 | 100 | 100 | 6-12 | | 2875 | 3005 | | | |
| | M350 | 3500 | 1900 | 1800 | 2275 | 4075 | 4505 | 100 | 100 | 6-12 | | 2885 | 3015 | | | |
| | M400 | 4000 | 1900 | 1700 | 2575 | 4575 | 5095 | 100 | 100 | 6-6 | *6-12 | 2955 | 3095 | | | |
| | M430 | 4300 | 1300 | 1600 | 2725 | 4875 | 5355 | 100 | 100 | 6-6 | *6-12 | 2940 | 3070 | | | |
| 3-Stage Full Free Mast | M440 | 4500 | 1200 | 1500 | 2825 | 5075 | 5555 | 100 | 100 | 6-6 | *6-12 | 2955 | 3085 | | | |
| | M470 | 4700 | 1100 | 1400 | 2925 | 5275 | 5755 | 100 | 100 | 6-6 | *6-12 | 2965 | 3095 | | | |
| | M500 | 5000 | 950 | 1050 | 3125 | 5575 | 6055 | 100 | 100 | 6-6 | *6-12 | 2955 | 3125 | | | |
| | M550 | 5500 | 800 | 900 | 3375 | 5875 | 6355 | 100 | 100 | 3-6 | *3-6 | 3000 | 3160 | | | |
| | M600 | 6000 | 650 | 750 | 3625 | 6175 | 6655 | 100 | 100 | 3-6 | *3-6 | 3045 | 3175 | | | |
| 3-Stage Full Free Mast | FM300 | 3000 | 1500 | 1800 | 2025 | 3570 | 4050 | 1460 | 890 | 6-12 | *6-12 | 2935 | 3005 | | | |
| | FM300 | 3300 | 1500 | 1800 | 2175 | 3620 | 4400 | 1610 | 1130 | 6-12 | *6-12 | 2950 | 3070 | | | |
| | FM350 | 3500 | 1500 | 1800 | 2275 | 4070 | 4950 | 1710 | 1230 | 6-12 | *6-12 | 2960 | 3090 | | | |
| | FM400 | 4000 | 1500 | 1800 | 2525 | 4570 | 5450 | 1810 | 1330 | 6-6 | *6-12 | 3000 | 3130 | | | |
| | FM430 | 4300 | 1200 | 1500 | 2625 | 4870 | 5750 | 1910 | 1430 | 6-6 | *6-12 | 3005 | 3155 | | | |
| 3-Stage Full Free Mast | TFM400 | 4000 | 1200 | 1500 | 2025 | 4870 | 5355 | 1400 | 1000 | 6-6 | *6-6 | 3045 | 3175 | | | |
| | TFM450 | 4500 | 1200 | 1500 | 2075 | 5070 | 5535 | 1500 | 1050 | 6-6 | *6-6 | 3060 | 3190 | | | |
| | TFM470 | 4700 | 1180 | 1400 | 2125 | 5270 | 5755 | 1585 | 1100 | 6-6 | *6-6 | 3075 | 3205 | | | |
| | TFM500 | 5000 | 900 | 1200 | 2225 | 5570 | 6035 | 1685 | 1200 | 6-6 | *6-6 | 3100 | 3230 | | | |
| | TFM550 | 5500 | 800 | 1000 | 2425 | 6070 | 6530 | 1800 | 1400 | 3-6 | *3-6 | 3140 | 3270 | | | |
| TFM600 | 6000 | 650 | 750 | 2625 | 6570 | 7035 | 1920 | 1600 | 3-6 | *3-6 | 3190 | 3320 | | | | |

Note: With separated side shifter, load capacity subtract 150kg; with integrated side shifter, load capacity subtract 50kg.

2.0-2.5 TON MAST SPECIFICATIONS & RATED CAPACITIES

| Mast Type | Mast Name | Max Fork Height (mm) | Load Capacity (kg) | | | | Overall Height (mm) | | | | Free Lift (mm) | | Til Angle (Single) | Til Angle (Double) | Total Weight (kg) | |
|------------------------|-----------|----------------------|--------------------|-------|-----------|---------------|---------------------|---------------|---------------|------|----------------|-----------|--------------------|--------------------|-------------------|------|
| | | | Lowered | | Extended | | Without Backrest | | With Backrest | | 2.0t/2.5t | 2.0t/2.5t | | | 2.0t | 2.5t |
| | | | 2.0t | 2.5t | 2.0t/2.5t | With Backrest | Without Backrest | With Backrest | | | | | | | | |
| Wide View Mast | M300 | 3000 | 2000 | 2000 | 2000 | 2055 | 3885 | 4070 | 100 | 100 | 6-12 | | 3285 | 3305 | | |
| | M330 | 3300 | 2000 | 2000 | 2500 | 2205 | 3880 | 4370 | 100 | 100 | 6-12 | | 3410 | 3527 | | |
| | M350 | 3500 | 2000 | 2000 | 2500 | 2305 | 4080 | 4870 | 100 | 100 | 6-12 | | 3425 | 3545 | | |
| | M400 | 4000 | 2000 | 2000 | 2400 | 2605 | 4580 | 5070 | 100 | 100 | 6-6 | *6-12 | 3465 | 3585 | | |
| | M430 | 4300 | 1800 | 2100 | 2150 | 2705 | 4880 | 5370 | 100 | 100 | 6-6 | *6-12 | 3520 | 3710 | | |
| 3-Stage Full Free Mast | M450 | 4500 | 1800 | *1900 | 2000 | *2400 | 2855 | 5080 | 5570 | 100 | 100 | 6-6 | *6-12 | 3535 | 3725 | |
| | M470 | 4700 | 1400 | *1500 | 1600 | *2000 | 2955 | 5285 | 5770 | 100 | 100 | 6-6 | *6-12 | 3555 | 3745 | |
| | M500 | 5000 | 1300 | *1700 | 1800 | *2100 | 3105 | 5580 | 6070 | 100 | 100 | 6-6 | *6-6 | 3585 | 3775 | |
| | M550 | 5500 | 1100 | *1500 | 1600 | *2100 | 3405 | 6080 | 6570 | 100 | 100 | 3-6 | *3-6 | 3625 | 3815 | |
| | M600 | 6000 | 950 | *1300 | 1300 | *1500 | 3555 | 6580 | 7070 | 100 | 100 | 3-6 | *3-6 | 3665 | 3855 | |
| 3-Stage Full Free Mast | FM300 | 3000 | 2000 | 2000 | 2500 | 2070 | 3805 | 4068 | 1470 | 1007 | 6-12 | | 3425 | 3545 | | |
| | FM350 | 3300 | 2000 | 2000 | 2500 | 2220 | 3955 | 4418 | 1620 | 1157 | 6-12 | | 3480 | 3670 | | |
| | FM400 | 4000 | 2000 | 2000 | 2500 | 2320 | 4105 | 4568 | 1720 | 1257 | 6-12 | | 3495 | 3685 | | |
| | FM450 | 4500 | 2000 | 2000 | 2500 | 2670 | 4605 | 5068 | 1820 | 1357 | 6-6 | *6-12 | 3535 | 3725 | | |
| | FM470 | 4700 | 1800 | *1900 | 2000 | *2500 | 1945 | 4807 | 5070 | 1300 | 885 | 6-6 | *6-6 | 3595 | 3795 | |
| 3-Stage Full Free Mast | TFM400 | 4000 | 1800 | *1900 | 2000 | *2400 | 2045 | 4907 | 5370 | 1400 | 985 | 6-6 | *6-6 | 3595 | 3795 | |
| | TFM450 | 4500 | 1700 | *1800 | 2000 | *2300 | 2095 | 5107 | 5570 | 1498 | 1035 | 6-6 | *6-6 | 3615 | 3805 | |
| | TFM470 | 4700 | 1600 | *1750 | 1800 | *2200 | 2145 | 5307 | 5770 | 1548 | 1085 | 6-6 | *6-6 | 3635 | 3825 | |
| | TFM500 | 5000 | 1400 | *1600 | 1500 | *2000 | 2245 | 5607 | 6070 | 1648 | 1185 | 6-6 | *6-6 | 3655 | 3855 | |
| | TFM550 | 5500 | 1100 | *1500 | 1200 | *1800 | 2445 | 6107 | 6500 | 1800 | 1385 | 3-6 | *3-6 | 3715 | 3905 | |
| 3-Stage Full Free Mast | TFM600 | 6000 | 800 | *1400 | 850 | *1600 | 2545 | 6607 | 7070 | 2000 | 1585 | 3-6 | *3-6 | 3765 | 3955 | |
| | TFM650 | 6500 | 500 | *1100 | 650 | *1300 | 2855 | 7107 | 7570 | 2200 | 1835 | 3-6 | *3-6 | 3815 | 4005 | |
| | TFM700 | 7000 | 100 | *700 | 150 | *800 | 3095 | 7607 | 8070 | 2300 | 2035 | 3-6 | *3-6 | 3865 | 4055 | |

Note: 1. With separated side shifter, load capacity subtract 200 kg; with integrated side shifter, load capacity subtract 50 kg. 2. * (Asterisk) is for double front wheels model.

3.0-3.5 TON MAST SPECIFICATIONS & RATED CAPACITIES

| Mast Type | Mast Name | Max Fork Height (mm) | Load Capacity (kg) | | | | Overall Height (mm) | | | | Free Lift (mm) | | Til Angle (Single) | Til Angle (Double) | Total Weight (kg) | |
|------------------------|-----------|----------------------|--------------------|-------|-----------|---------------|---------------------|---------------|---------------|------|----------------|-----------|--------------------|--------------------|-------------------|------|
| | | | Lowered | | Extended | | Without Backrest | | With Backrest | | 3.0t/3.5t | 3.0t/3.5t | | | 3.0t | 3.5t |
| | | | 3.0t | 3.5t | 3.0t/3.5t | With Backrest | Without Backrest | With Backrest | | | | | | | | |
| Wide View Mast | M300 | 3000 | 3000 | 3000 | 2070 | 3895 | 4070 | 100 | 100 | 6-12 | | 4460 | 4770 | | | |
| | M330 | 3300 | 3000 | 3500 | 2220 | 3895 | 4370 | 100 | 100 | 6-12 | | 4485 | 4800 | | | |
| | M350 | 3500 | 3000 | 3500 | 2320 | 4095 | 4870 | 100 | 100 | 6-12 | | 4500 | 4825 | | | |
| | M400 | 4000 | 2800 | 3200 | 2620 | 4595 | 5070 | 100 | 100 | 6-6 | *6-12 | 4540 | 4865 | | | |
| | M430 | 4300 | 2800 | 3100 | 2770 | 4895 | 5370 | 100 | 100 | 6-6 | *6-12 | 4585 | 4890 | | | |
| 3-Stage Full Free Mast | M450 | 4500 | 2600 | *2900 | 2900 | *3000 | 2870 | 5095 | 5570 | 100 | 100 | 6-6 | *6-12 | 4580 | 4905 | |
| | M470 | 4700 | 2600 | 2800 | 2800 | 2970 | 5295 | 5770 | 100 | 100 | 6-6 | *6-12 | 4585 | 4910 | | |
| | M500 | 5000 | 2200 | *2500 | 2400 | *2800 | 3170 | 5695 | 6070 | 100 | 100 | 6-6 | *6-6 | 4590 | 4915 | |
| | M550 | 5500 | 2000 | *2400 | 2200 | *2600 | 3430 | 6095 | 6370 | 100 | 100 | 3-6 | *3-6 | 4640 | 5005 | |
| | M600 | 6000 | 1800 | *2000 | 1600 | *2400 | 3670 | 6595 | 7070 | 100 | 100 | 3-6 | *3-6 | 4720 | 5045 | |
| 3-Stage Full Free Mast | FM300 | 3000 | 3000 | 3000 | 2070 | 3900 | 4068 | 1360 | 927 | 6-12 | | 4540 | 4800 | | | |
| | FM350 | 3300 | 3000 | 3500 | 2220 | 3940 | 4415 | 1532 | 1057 | 6-12 | | 4565 | 4880 | | | |
| | FM400 | 4000 | 3000 | 3500 | 2320 | 4050 | 4585 | 1632 | 1157 | 6-12 | | 4590 | 4905 | | | |
| | FM450 | 4500 | 3000 | 3200 | *3500 | 2670 | 4590 | 5065 | 1682 | 1207 | 6-6 | *6-12 | 4620 | 4945 | | |
| | FM470 | 4700 | 2800 | *2900 | 3000 | *3000 | 1980 | 4700 | 5175 | 1272 | 797 | 6-6 | *6-6 | 4670 | 4985 | |
| 3-Stage Full Free Mast | TFM400 | 4000 | 2800 | *2900 | 3000 | *3300 | 2080 | 5000 | 5475 | 1372 | 897 | 6-6 | *6-6 | 4700 | 5025 | |
| | TFM450 | 4500 | 2600 | *2800 | 2800 | *3200 | 2180 | 5200 | 5975 | 1422 | 947 | 6-6 | *6-6 | 4720 | 5045 | |
| | TFM470 | 4700 | 2400 | *2700 | 2500 | *3000 | 2180 | 5400 | 6075 | 1472 | 997 | 6-6 | *6-6 | 4740 | 5065 | |
| | TFM500 | 5000 | 2100 | *2400 | 2300 | *2800 | 2280 | 5700 | 6175 | 1572 | 1087 | 6-6 | *6-6 | 4760 | 5075 | |
| | TFM550 | 5500 | 1800 | *2200 | 1800 | *2500 | 2480 | 6200 | 6675 | 1772 | 1287 | 3-6 | *3-6 | 4800 | 5125 | |
| 3-Stage Full Free Mast | TFM600 | 6000 | 1200 | *2100 | 1300 | *2300 | 2680 | 6700 | 7175 | 1972 | 1487 | 3-6 | *3-6 | 4870 | 5195 | |
| | TFM650 | 6500 | 800 | *1700 | 1050 | *1900 | 2910 | 7200 | 7675 | 2200 | 1747 | 3-6 | *3-6 | 5020 | 5345 | |
| | TFM700 | 7000 | 650 | *1400 | 750 | *1600 | 3110 | 7700 | 8175 | 2300 | 1847 | 3-6 | *3-6 | 5070 | 5395 | |

Note: 1. With separated side shifter, load capacity subtract 200 kg; with integrated side shifter, load capacity subtract 50 kg. 2. * (Asterisk) is for double front wheels model.

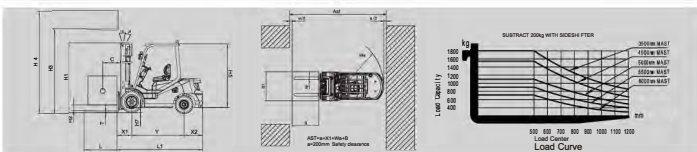


N Series Internal Combustion

Diesel Forklift 1.5-1.8T

MAIN SPECIFICATIONS

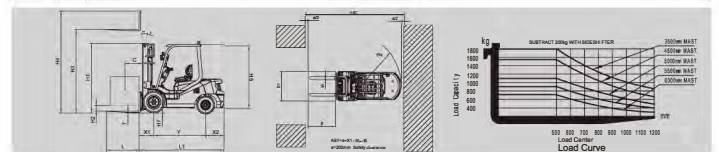
| General | 1 Model | FD15T-WGAS | FD18T-WGAS | FD15T-NJB1 | FD18T-NJB1 | FD15T-NJE3 | FD18T-NJE3 | | |
|----------------------------|---|----------------------------------|---------------------|-------------|-------------|-------------|-------------------------|-------------|--|
| | 2 Power Type | | Diesel | | | | | | |
| 3 Rated Load Capacity | Q(kg) | 1500 | 1800 | 1500 | 1800 | 1500 | 1800 | | |
| 4 Load centre | C(mm) | 500 | | | | | | | |
| Characteristic & Dimension | 5 Rated Lift Height | H3(mm) | 3000 | | | | | | |
| | 6 Free Lift Height | H2(mm) | 100 | | | | | | |
| | 7 Fork Size(L x W x T) | mm | 920x120x35 | 1070x120x40 | 920x120x35 | 1070x120x40 | 920x120x35 | 1070x120x40 | |
| | 8 Mast Tilt Angle(F/R, $\alpha^\circ / \beta^\circ$) | deg | 6' / 12' | | | | | | |
| | 9 Fork Overhang(Wheel Center to Fork Face) | x1(mm) | 409 | | | | | | |
| | 10 Rear Overhang | x2(mm) | 470 | | | | | | |
| | 11 Ground Clearance(Bottom of Mast) | H7(mm) | 110 | | | | | | |
| | 12 Length to Face of Fork(without Fork) | L1(mm) | 2285 | | | | | | |
| | 13 Overall Width | B1(mm) | 1082 | | | | | | |
| | 14 Mast Lowered Height | H1(mm) | 2025 | | | | | | |
| | 15 Mast Extended Height(with Backrest) | H4(mm) | 4055 | | | | | | |
| | 16 Overhead Guard Height | H5(mm) | 2160 | | | | | | |
| | 17 Turning Radius (Outside) | Wa(mm) | 2100 | | | | | | |
| | 18 Min Aisle width for pallets | mm | 3700 | | | | | | |
| | Performance | 19 Travel Speed (No Load) | km/h | 14.5 | | | | | |
| | | 20 Lifting Speed (Full Load) | mm/sec | 560 | | | | | |
| | | 21 Max. Gradeability (Full Load) | % | 20 | | | | | |
| | | 22 Wheelbase | Y(mm) | 1410 | | | | | |
| Weight | 23 Total Weight | kg | 2860 | 2990 | 2860 | 2990 | 2860 | 2990 | |
| | 24 Front Axle Weight Distribution (Full Load/No Load) | kg | 3815/1200 | 4120/1170 | 3815/1200 | 4120/1170 | 3815/1200 | 4120/1170 | |
| | 25 Rear Axle Weight Distribution (Full Load/No Load) | kg | 545/1660 | 720/1820 | 545/1660 | 720/1820 | 545/1660 | 720/1820 | |
| | 26 Battery | V/Ah | 12/90 | | | | | | |
| Power & Transmission | 27 Engine Model | | NC485BPG | | C240NKFC-01 | | 4TNE92(EU III & EPAIII) | | |
| | 28 Engine Manufacturer | | XINCHAI | | ISUZU | | YANMAR | | |
| | 29 Rated Output / r.p.m. | kw | 30/2600 | | 34.5/2500 | | 33/2450 | | |
| | 30 Transmission Type | | Powershift (Manual) | | | | | | |
| | 31 Transmission Stage (FWD/RVS) | | 1/1(2/2) | | | | | | |
| | 32 Operating pressure(For Attachments) | Mpa | 14.5 | | | | | | |



Gasoline & LPG Forklift 1.5-1.8T

MAIN SPECIFICATIONS

| General | 1 Model | FGL15T-NJK2 | FGL18T-NJK2 | | |
|----------------------------|---|----------------------------------|---------------------|-------------|--|
| | 2 Power Type | | Gasoline / LPG | | |
| 3 Rated Load Capacity | Q(kg) | 1500 | 1800 | | |
| 4 Load centre | C(mm) | 500 | | | |
| Characteristic & Dimension | 5 Rated Lift Height | H3(mm) | 3000 | | |
| | 6 Free Lift Height | H2(mm) | 100 | | |
| | 7 Fork Size(L x W x T) | mm | 920x120x35 | 1070x120x40 | |
| | 8 Mast Tilt Angle(F/R, $\alpha^\circ / \beta^\circ$) | deg | 6' / 12' | | |
| | 9 Fork Overhang(Wheel Center to Fork Face) | x1(mm) | 409 | | |
| | 10 Rear Overhang | x2(mm) | 470 | | |
| | 11 Ground Clearance(Bottom of Mast) | H7(mm) | 110 | | |
| | 12 Length to Face of Fork(without Fork) | L1(mm) | 2285 | | |
| | 13 Overall Width | B1(mm) | 1082 | | |
| | 14 Mast Lowered Height | H1(mm) | 2025 | | |
| | 15 Mast Extended Height(with Backrest) | H4(mm) | 4055 | | |
| | 16 Overhead Guard Height | H5(mm) | 2160 | | |
| | 17 Turning Radius (Outside) | Wa(mm) | 2100 | | |
| | 18 Min Aisle width for pallets | Astrm | 3700 | | |
| | Performance | 19 Travel Speed (No Load) | km/h | 14.5 | |
| | | 20 Lifting Speed (Full Load) | mm/sec | 560 | |
| | | 21 Max. Gradeability (Full Load) | % | 20 | |
| | | 22 Front Tread | B2(mm) | 890 | |
| Weight | 23 Rear Tread | B3(mm) | 920 | | |
| | 24 Wheelbase | Y(mm) | 1410 | | |
| | 25 Total Weight | kg | 2860 | 2990 | |
| | 26 Front Axle Weight Distribution (Full Load/No Load) | kg | 3815/1200 | 4120/1170 | |
| Transmission | 27 Rear Axle Weight Distribution (Full Load/No Load) | kg | 545/1660 | 720/1820 | |
| | 28 Battery | V/Ah | 12/60 | | |
| | 29 Engine Model | | K21 | | |
| | 30 Engine Manufacturer | | NISSAN | | |
| | 31 Rated Output / r.p.m. | kw | 31.5/2300 | | |
| | 32 Transmission Type | | Powershift (Manual) | | |
| | 33 Transmission Stage (FWD/RVS) | | 1/1(2/2) | | |
| | 34 Operating pressure(For Attachments) | Mpa | 14.5 | | |



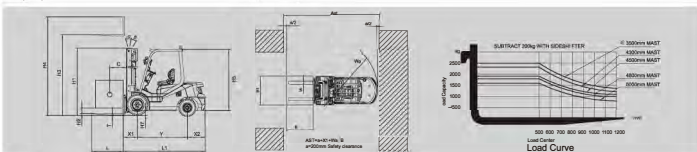


N Series Internal Combustion

Diesel Forklift 2.0-2.5T

MAIN SPECIFICATIONS

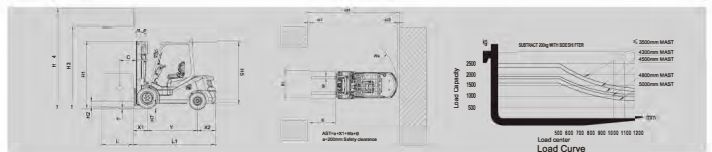
| | | FD20T-WJA3 | FD25T-WJA3 | FD20T-NJB1 | FD25T-NJB1 | FD20T-NJE3 | FD25T-NJE3 | | |
|----------------------------|---|----------------------------------|---------------------|------------|---------------------|------------|-------------------------|-----------|--|
| General | 1 Model | | | | | | | | |
| | 2 Power Type | Diesel | | | | | | | |
| | 3 Rated Load Capacity | Q(kg) | 2000 | 2500 | 2000 | 2500 | 2000 | 2500 | |
| Characteristic & Dimension | 4 Load centre | C(mm) | 500 | | | | | | |
| | 5 Rated Lift Height | H3(mm) | 3000 | | | | | | |
| | 6 Free Lift Height | H2(mm) | 100 | | | | | | |
| | 7 Fork Size(L x W x T) | mm | 1070x120x40 | | | | | | |
| | 8 Mast Tilt Angle(F/R, α' / β') | deg | 6° / 12° | | | | | | |
| | 9 Fork Overhang(Wheel Center to Fork Face) | x1(mm) | 479 | | | | | | |
| | 10 Rear Overhang | x2(mm) | 520 | | | | | | |
| | 11 Ground Clearance(Bottom of Mast) | H7(mm) | 130 | | | | | | |
| | 12 Length to Face of Fork(without Fork) | L1(mm) | 2660 | | | | | | |
| | 13 Overall Width | B1(mm) | 1150 | | | | | | |
| | 14 Mast Lowered Height | H1(mm) | 2055 | | | | | | |
| | 15 Mast Extended Height(with Backrest) | H4(mm) | 4070 | | | | | | |
| | 16 Overhead Guard Height | H5(mm) | 2215 | | | | | | |
| | 17 Turning Radius (Outside) | Wa(mm) | 2365 | | | | | | |
| | 18 Min Aisle width for pallets | Aa1(mm) | 4120 | | | | | | |
| | Performance | 19 Travel Speed (No Load) | km/h | 19 | | | | | |
| | | 20 Lifting Speed (Full Load) | mm/sec | 490 | | | | | |
| | | 21 Max. Gradeability (Full Load) | % | 20 | | | | | |
| 22 Wheelbase | | Y(mm) | 1650 | | | | | | |
| Weight | 23 Total Weight | kg | 3385 | 3605 | 3385 | 3605 | 3385 | 3605 | |
| | 24 Front Axle Weight Distribution (Full Load/No Load) | kg | 4846/1354 | 5494/1442 | 4846/1354 | 5494/1442 | 4846/1354 | 5494/1442 | |
| | 25 Rear Axle Weight Distribution (Full Load/No Load) | kg | 538/2031 | 610/2163 | 538/2031 | 610/2163 | 538/2031 | 610/2163 | |
| Power & Transmission | 26 Battery | V/Ah | 12/90 | | | | | | |
| | 27 Engine Model | | C490BPG-37(EU III) | | C240NKFC-01(EU III) | | 4TNE92(EU III & EPAIII) | | |
| | 28 Engine Manufacturer | | XINCHAI | | ISUZU | | YANMAR | | |
| | 29 Rated Output / r.p.m. | kw | 36.8/2650 | | 34.5/2500 | | 33/2450 | | |
| | 30 Transmission Type | | Powershift (Manual) | | | | | | |
| | 31 Transmission Stage (FWD/RVS) | | 1/1(2/2) | | | | | | |
| | 32 Operating pressure(For Attachments) | Mpa | 17.5 | | | | | | |



MAIN SPECIFICATIONS

Gasoline & LPG Forklift 2.0-2.5T

| | | FGL20T-NJK1 | FGL25T-NJK1 | FL20T-NJF1 | FL25T-NJF1 | | |
|----------------------------------|---|------------------------------|---------------------|------------|------------|-----------|--|
| General | 1 Model | | | | | | |
| | 2 Power Type | Gasoline / LPG | | | | | |
| | 3 Rated Load Capacity | Q(kg) | 2000 | 2500 | 2000 | 2500 | |
| Characteristic & Dimension | 4 Load centre | C(mm) | 500 | | | | |
| | 5 Rated Lift Height | H3(mm) | 3000 | | | | |
| | 6 Free Lift Height | H2(mm) | 100 | | | | |
| | 7 Fork Size(L x W x T) | mm | 1070x120x40 | | | | |
| | 8 Mast Tilt Angle(F/R, α' / β') | deg | 6° / 12° | | | | |
| | 9 Fork Overhang(Wheel Center to Fork Face) | x1(mm) | 479 | | | | |
| | 10 Rear Overhang | x2(mm) | 520 | | | | |
| | 11 Ground Clearance(Bottom of Mast) | H7(mm) | 130 | | | | |
| | 12 Length to Face of Fork(without Fork) | L1(mm) | 2660 | | | | |
| | 13 Overall Width | B1(mm) | 1150 | | | | |
| | 14 Mast Lowered Height | H1(mm) | 2055 | | | | |
| | 15 Mast Extended Height(with Backrest) | H4(mm) | 4070 | | | | |
| | 16 Overhead Guard Height | H5(mm) | 2215 | | | | |
| | 17 Turning Radius (Outside) | Wa(mm) | 2365 | | | | |
| | 18 Min Aisle width for pallets | Aa1(mm) | 4120 | | | | |
| | Performance | 19 Travel Speed (No Load) | km/h | 19 | | | |
| | | 20 Lifting Speed (Full Load) | mm/sec | 490 | | | |
| | | 21 Wheelbase | Y(mm) | 1650 | | | |
| 22 Max. Gradeability (Full Load) | | % | 20 | | | | |
| Weight | 23 Total Weight | kg | 3385 | 3605 | 3385 | 3605 | |
| | 24 Front Axle Weight Distribution (Full Load/No Load) | kg | 4846/1354 | 5494/1442 | 4846/1354 | 5494/1442 | |
| | 25 Rear Axle Weight Distribution (Full Load/No Load) | kg | 538/2031 | 610/2163 | 538/2031 | 610/2163 | |
| Power & Transmission | 26 Engine Model | | K25 | | GM3.0 | | |
| | 27 Engine Manufacturer | | NISSAN | | GM | | |
| | 28 Rated Output / r.p.m. | kw | 44.2/2500 | | 54/2200 | | |
| | 29 Battery | V/Ah | 12/90 | | | | |
| | 30 Transmission Type | | Powershift (Manual) | | | | |
| | 31 Transmission Stage (FWD/RVS) | | 1/1(2/2) | | | | |
| | 32 Operating pressure(For Attachments) | Mpa | 17.5 | | | | |



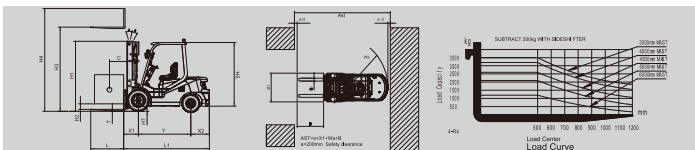


N Series Internal Combustion

Diesel Forklift 3.0-3.5T

MAIN SPECIFICATIONS

| | | FD30T- NJE1 | FD35T- NJE1 | FD30T- NJM1 | FD35T- NJM1 | | |
|----------------------------|---|---------------------------------|---------------------|-------------|-------------|-----------|-----|
| General | 1 Model | Diesel | | | | | |
| | 2 Power Type | Diesel | | | | | |
| | 3 Rated Load Capacity | Q(kg) | 3000 | 3500 | 3000 | 3500 | |
| | 4 Load centre | C(mm) | 500 | | | | |
| Characteristic & Dimension | 5 Rated Lift Height | H3(mm) | 3000 | | | | |
| | 6 Free Lift Height | H2(mm) | 100 | | | | |
| | 7 Fork Size(L x W x T) | mm | 1070x125x45 | | | | |
| | 8 Mast Tilt Angle(F/R, α' / β') | deg | 6 / 12 | | | | |
| | 9 Fork Overhang(Wheel Center to Fork Face) | x1(mm) | 484 | | | | |
| | 10 Rear Overhang | x2(mm) | 595 | 635 | 595 | 635 | |
| | 11 Ground Clearance(Bottom of Mast) | H7(mm) | 145 | | | | |
| | 12 Length to Face of Fork(without Fork) | L1(mm) | 2700 | 2775 | 2700 | 2775 | |
| | 13 Overall Width | B1(mm) | 1225 | | | | |
| | 14 Mast Lowered Height | H1(mm) | 2070 | | | | |
| | 15 Mast Extended Height(with Backrest) | H4(mm) | 4070 | | | | |
| | 16 Overhead Guard Height | H5(mm) | 2235 | | | | |
| | 17 Turning Radius (Outside) | Wa(mm) | 2425 | 2500 | 2425 | 2500 | |
| | 18 Min Aisle width for pallets | As1(mm) | 4180 | 4255 | 4180 | 4255 | |
| | Performance | 19 Travel Speed (No Load) | km/h | 19 | | | |
| | | 20 Lifting Speed (Full Load) | mm/sec | 410 | 380 | 410 | 380 |
| | | 21 Max.Gradeability (Full Load) | % | 20 | | | |
| | | 22 Wheelbase | Y(mm) | 1700 | | | |
| Weight | 23 Total Weight | kg | 4460 | 4775 | 4460 | 4775 | |
| | 24 Front Axle Weight Distribution (Full Load/No Load) | kg | 6714/1784 | 6997/1910 | 6714/1784 | 6997/1910 | |
| | 25 Rear Axle Weight Distribution (Full Load/No Load) | kg | 746/2676 | 777/2865 | 746/2676 | 777/2865 | |
| | 26 Battery | V/Ah | 12/90 | | | | |
| | 27 Engine Model | | 4TNE98 | | S4S | | |
| Power & Transmission | 28 Engine Manufacturer | | YANMAR | | Mitsubishi | | |
| | 29 Rated Output / r.p.m. | kw | 42.1/2300 | | 35.3/2250 | | |
| | 30 Transmission Type | | Powershift (Manual) | | | | |
| | 31 Operating Pressure(For Attachments) | Mpa | 17.5 | | | | |



MAIN SPECIFICATIONS

Gasoline & LPG Forklift 3.0-3.5T

| | | FGL30T-NJK1 | FGL35T-NJK1 | FL30T-NJF1 | FL35T-NJF1 | | |
|---|--|---------------------------------|---------------------|------------|------------|-----------|------|
| General | 2 Power Type | Gasoline / LPG | | | | | |
| | 3 Rated Load Capacity | Q(kg) | 3000 | 3500 | 3000 | 3500 | |
| | 4 Load centre | C(mm) | 500 | | | | |
| | 5 Rated Lift Height | H3(mm) | 3000 | | | | |
| Characteristic & Dimension | 6 Free Lift Height | H2(mm) | 100 | | | | |
| | 7 Fork Size(L x W x T) | mm | 1070x125x45 | | | | |
| | 8 Mast Tilt Angle(F/R, α' / β') | deg | 6 / 12 | | | | |
| | 9 Fork Overhang(Wheel Center to Fork Face) | x1(mm) | 484 | | | | |
| | 10 Rear Overhang | x2(mm) | 595 | 635 | 595 | 635 | |
| | 11 Ground Clearance(Bottom of Mast) | H7(mm) | 145 | | | | |
| | 12 Length to Face of Fork(without Fork) | L1(mm) | 2700 | 2775 | 2700 | 2775 | |
| | 13 Overall Width | B1(mm) | 1225 | | | | |
| | 14 Mast Lowered Height | H1(mm) | 2070 | | | | |
| | 15 Mast Extended Height(with Backrest) | H4(mm) | 4070 | | | | |
| | 16 Overhead Guard Height | H5(mm) | 2235 | | | | |
| | 17 Turning Radius (Outside) | Wa(mm) | 2425 | 2500 | 2425 | 2500 | |
| | 18 Min Aisle width for pallets | As1(mm) | 4180 | 4255 | 4180 | 4255 | |
| | Performance | 19 Travel Speed (No Load) | km/h | 19 | | | |
| | | 20 Lifting Speed (Full Load) | mm/sec | 410 | 380 | 410 | 380 |
| | | 21 Max.Gradeability (Full Load) | % | 20 | | | |
| | | 22 Wheelbase | Y(mm) | 1700 | | | |
| | Weight | 23 Total Weight | kg | 4460 | 4775 | 4460 | 4775 |
| 24 Front Axle Weight Distribution (Full Load/No Load) | | kg | 6714/1784 | 6997/1910 | 6714/1784 | 6997/1910 | |
| 25 Rear Axle Weight Distribution (Full Load/No Load) | | kg | 746/2676 | 777/2865 | 746/2676 | 777/2865 | |
| 26 Battery | | V/Ah | 12/90 | | | | |
| 27 Engine Model | | | K25 | | GM3.0 | | |
| Power & Transmission | 28 Engine Manufacturer | | NISSAN | | GM | | |
| | 29 Rated Output / r.p.m. | kw | 44.2/2500 | | 54/2200 | | |
| | 30 Transmission Type | | Powershift (Manual) | | | | |
| | 31 Transmission Stage (FWD/RVS) | | 1/1 | | | | |
| 32 Operating pressure(For Attachments) | Mpa | 17.5 | | | | | |

