

# REACH TRUCK

1.6-2.0T

## SIT-IN REACH TRUCK

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                                |         | 1.6         | 1.8         | 2.0         | 2.5         | 1.6<br>FBR16-N1QC5         | 1.8<br>FBR18-N1QC5         | 2.0<br>FBR20-N1QC5         |
|--------------------------------------|---------|-------------|-------------|-------------|-------------|----------------------------|----------------------------|----------------------------|
| GENERAL SPECIFICATIONS               |         |             |             |             |             |                            |                            |                            |
| Load Capacity                        | T       | 1.6         | 1.8         | 2.0         | 2.5         | 1.6                        | 1.8                        | 2.0                        |
| Load Capacity                        | Q(kg)   | 1600        | 1800        | 2000        | 2500        | 1600                       | 1800                       | 2000                       |
| Load Centre                          | mm      | 600         | 600         | 600         | 600         | 600                        | 600                        | 600                        |
| CHARACTERISTICS & DIMENSION          |         |             |             |             |             |                            |                            |                            |
| Rated Lift Height                    | H3(mm)  | 5500        | 5500        | 3000        | 4700        | 8500(Lost load after 6000) | 8500(Lost load after 6000) | 8500(Lost load after 6000) |
| Free Lift Height                     | H2(mm)  | 1545        | 1545        | 1545        | 1245        | 2610                       | 2610                       | 2610                       |
| Fork Size (LxWxT)                    | mm      | 1070x120x35 | 1070x120x40 | 1070x120x40 | 1070x120x40 | 1070x120x40                | 1070x120x40                | 1070x120x40                |
| Mast Tilt Angle (F/R, α°/β°)         | deg     | 2°/4°       | 2°/4°       | 2°/4°       | 2°/4°       | 2°/4°                      | 2°/4°                      | 2°/4°                      |
| Overall Length                       | L1(mm)  | 1876        | 1906        | 1926        | 2026        | 1926                       | 2026                       | 2026                       |
| Main Body Length                     | L2(mm)  | 1243        | 1280        | 1300        | 1400        | 1400                       | 1400                       | 1400                       |
| Width                                | B1(mm)  | 1270        | 1270        | 1270        | 1270        | 1270                       | 1270                       | 1270                       |
| Mast Lowered Height                  | H1(mm)  | 2529        | 2529        | 2529        | 2229        | 3581                       | 3581                       | 3581                       |
| Mast Extended Height (With Backrest) | H4(mm)  | 6478        | 6478        | 6478        | 5678        | 9645                       | 9645                       | 9645                       |
| Overhead Guard Height                | H5(mm)  | 2195        | 2195        | 2195        | 2195        | 2195                       | 2195                       | 2195                       |
| Turning Radius                       | Wa(mm)  | 1700        | 1735        | 1750        | 1850        | 1750                       | 1850                       | 1850                       |
| Ground Clearance                     | H6 (mm) | 76          | 76          | 76          | 76          | 76                         | 76                         | 76                         |
| Reach Distance                       | X(mm)   | 660         | 660         | 660         | 660         | 550                        | 650                        | 650                        |

**ISUZU**



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                                             |         | 1.6                       | 1.8      | 2.0      | 2.5      | 1.6<br>FBR16-N1QC5 | 1.8<br>FBR18-N1QC5 | 2.0<br>FBR20-N1QC5 |
|---------------------------------------------------|---------|---------------------------|----------|----------|----------|--------------------|--------------------|--------------------|
| Wheelbase                                         | Y(mm)   | 1450                      | 1485     | 1500     | 1600     | 1500               | 1600               | 1600               |
| Working Aisle Width With Pallet (1200 Lengthways) | Ast(mm) | 270                       | 2740     | 2760     | 2865     | 2835               | 2865               | 2865               |
| Working Aisle Width With Pallet (800 Lengthways)  | Ast(mm) | 2745                      | 2775     | 2795     | 2900     | 2890               | 2900               | 2900               |
| TYRE                                              |         |                           |          |          |          |                    |                    |                    |
| Front Tyrex x 2                                   | mm      | Φ310x100                  | Φ310x100 | Φ310x100 | Φ310x100 | Φ310x100           | Φ310x100           | Φ310x100           |
| Rear Tyrex x1                                     | mm      | Φ343x140                  | Φ343x140 | Φ343x140 | Φ343x140 | Φ343x140           | Φ343x140           | Φ343x140           |
| PERFORMANCE                                       |         |                           |          |          |          |                    |                    |                    |
| Travel Speed (Full Load)                          | km/h    | 9.5                       | 9        | 9        | 9        | 9                  | 9                  | 9                  |
| Travel Speed (No Load)                            | km/h    | 10                        | 9.5      | 9.5      | 9.5      | 9.5                | 9.5                | 9.5                |
| Lifting Speed (Full Load)                         | mm/sec  | 320                       | 310      | 300      | 290      | 340                | 330                | 320                |
| Lifting Speed (No Load)                           | mm/s    | 320                       | 310      | 300      | 290      | 340                | 330                | 320                |
| WEIGHT                                            |         |                           |          |          |          |                    |                    |                    |
| Total Weight (Include Battery Box)                | kg      | 3105                      | 3150     | 3295     | 3745     | 4115               | 4150               | 4185               |
| DRIVE                                             |         |                           |          |          |          |                    |                    |                    |
| Diver Motor                                       | Kw      | 6.4                       | 6.4      | 6.4      | 6.4      | 6.4                | 6.4                | 6.4                |
| Pump Motor                                        | Kw      | 12.5                      | 12.5     | 12.5     | 12.5     | 12.5               | 12.5               | 12.5               |
| Battery (Standard)                                | V/Ah    | 48/420                    | 48/500   | 48/560   | 48/700   | 48/560             | 48/700             | 48/700             |
| Steering System                                   |         | Electronic Power Steering |          |          |          |                    |                    |                    |
| Service Brake                                     |         | Electromagnetic Brake     |          |          |          |                    |                    |                    |
| Controller Type                                   |         | AC                        |          |          |          |                    |                    |                    |
| Controller Manufacturer                           |         | Curtis                    |          |          |          |                    |                    |                    |
| EXTRAS INCLUDED                                   |         |                           |          |          |          |                    |                    |                    |
| Side-Shift                                        | -       | -                         | -        | -        | -        | -                  | -                  | -                  |
| Fork postioner                                    | -       | -                         | -        | -        | -        | -                  | -                  | -                  |
| Solid Non-Marking Tyres                           | -       | -                         | -        | -        | -        | -                  | -                  | -                  |