NOBLELIFT
CANADA INC.

WE PROMISE | WE DELIVER

CE ISO9001 / ISO14001

CE Certificate

# DIESEL

## ROUGH TERRAIN FORKLIFT

## 2.5T & 3.5T

ELEVEX™
Material Handling Solutions

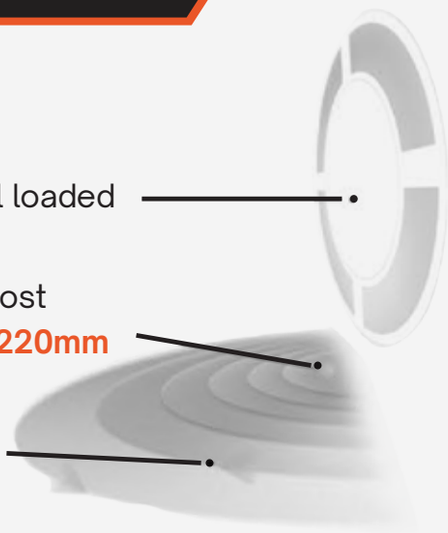
**MONTREAL (Head office)**
19151 A, Cruickshank Avenue
Baie-D'Urfé (Québec) H9X 3N9
Phone: 418 694-4223
Toll free: 1 866 421-4223
**info@elevex.ca**
**elevex.ca**

**QUEBEC**
1279, Paul-Émile Giroux St. Suite 200
Québec (Québec) G1C 0K9

**SAGUENAY**
2305, Alexis-Le-Trotteur St.
Jonquière (Québec) G7X 9H8

# FEATURES

## Excellent Performance



**Strong Gradeability** upto **45%** full loaded

**Ground Clearance** capable for most rough terrain working conditions **220mm**

**Smallet** turning radius **3080mm**

## Durability

Choose top class C&J type hot rolled steel from key electric parts with water-proof connectors, full led lights special clip to fasten and divide different sort of pipeline avoid contamination.

## Good Visibility

- Lower instrument pannel height
- Safeguard with wide view on top
- New chains and hoses layout behind mast  profile
- 50 ˚C incline crosswise bpard of load bracket
- Better cooling and air intake system
- Optimized radiating channel
- Ultra-large plate-fin type radiator
- Excellent heat exchange system
- Optimized exhause system layout, to decrease passive pressure
- High inte, two stage air filters, to improve air quality for engine

# CONFIGURATIONS

## Standard

- With 600mm load center
- With LS Mtron tier 4
- With 300mm duplex mast
- With 1070 fork lenght
- With TCM technology hydraulic transmission, power shift, 2F/1R
- With different lock, with safety system for engine starting
- With suspension seat, belt, led lights, buzzer, horn, rotating beacon
- With industrial pneumatic tyres

## Optional

- Duplex / Triplex mast 3m - 6.5m
- Cascade side shifter and fork-positioner
- Closed cabin/air conditioner and heater
- Operator presence system OPS system etc...

# FORKLIFT SPECIFICATION

| RT Series 2WD - 4WD | | | | | | | |
|---|---|---|---|---|---|---|---|
| **General** | | | | | | | |
| 1 | Type | | | **4WD** | | **2WD** | |
| 2 | Model | | | FD4RT 25 | FD4RT 35 | FD2RT 25 | FD2RT 35 |
| 3 | Power Type | | | Diesel | | | |
| 4 | Rated Capacity | | Kg | 2500 | 3500 | 2500 | 3500 |
| **Characteristic & Dimension** | | | | | | | |
| 5 | Load centre | | mm | 600 | | | |
| 6 | Free lift height | | mm | 165 | 170 | 165 | 170 |
| 7 | Fork size | LxWxT | mm | 1070x122x40 | 1070x125x45 | 1070x122x40 | 1070x125x45 |
| 8 | Fork regulating range | Min./Max. | mm | 250-1310 | 250x1500 | 250-1310 | 250x1500 |
| 9 | Mast tilt angle | F/R | Deg | 10°/12° | | | |
| 10 | Front overhang | | mm | 580 | 595 | 580 | 595 |
| 11 | Rare overhang | | mm | 605 | | | |
| 12 | Min. ground clearance (drive steer axel) | | mm | 220 | | | |
| 13 | Overall dimensions | Length to face of fork (without fork) | mm | 3070 | 3085 | 3070 | 3085 |
| 14 | | Overall width | mm | 1450 | 1600 | 1557 | 1600 |
| 15 | | Mast lower height | mm | 2230 | 2325 | 2230 | 2325 |
| 16 | | Mast extended height (with backrest) | mm | 4170 | 4300 | 4170 | 4300 |
| 17 | | Over head guard height | mm | 2260 | 2280 | 2260 | 2280 |
| 18 | Turning radius outside | | mm | 3080 | 3080 | 2859 | 2859 |
| 19 | Min. righ angle aisle width (add load lenght and clearance) | | mm | 2630 | 2690 | 2680 | 2690 |
| **Performance** | | | | | | | |
| 20 | Speed | Travel (laden/unladen) | Km/h | 19/20 | 18/19 | 19/20 | 21/22 |
| 21 | | Lifting (laden/unladen) | mm | 600/620 | 480/500 | 570/590 | 450/470 |
| 22 | | Lowering (laden/unladen) | mm | 440 | | | |
| 23 | Max. Drawbar pull (Laden) | | KN | 38 | 38 | 17 | 17 |
| 24 | Max. Gradeability (Laden) | | % | 50 | 45 | 20 | 16 |
| **Tyre** | | | | | | | |
| 25 | Tyre | Front | | 12-16.5-12PR | 14-17.5-14PR | 12-16.5-12PR | 14-17.5-14PR |
| 26 | | Rear | | 10.0/75-15.3 | 10.0/75-15.3 | 27x10-12-12PR | 27x10-12-12PR |
| 27 | Tread | Front | mm | 1125 | 1250 | 1250 | 1250 |
| 28 | | Rear | mm | 1198 | 1198 | 1205 | 1205 |
| 29 | Wheelbase | | mm | 1880 | 1880 | 1880 | 1880 |
| 30 | Self weight | | kg | 4850 | 5460 | 4500 | 5180 |

# FORKLIFT SPECIFICATION

| Weight | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 31 | Weight Distribution | Laden | Front Axel | kg | 6600 | 7750 | 6000 | 7700 |
| 32 | | | Rare Axel | kg | 750 | 1200 | 1000 | 980 |
| 33 | | Unladen | Front Axel | kg | 2180 | 2500 | 1810 | 2070 |
| 34 | | | Rare Axel | kg | 2670 | 2960 | 2690 | 3110 |
| **Power & Transmission** | | | | | | | | |
| 35 | Battery | Voltage/Capacity | | V/Ah | | 12/90 | 12/90 | 12/90 |
| 36 | Transmission | Manufacture | | | China | | | |
| 37 | | Stage | F/R | | 2/1 | | | |
| 38 | Operation pressure (for attachments) | | | Mpa | 20 | | | |

# MAST SPECIFICATION

| Mast | | Type | Lifting height on fork (mm) | Overall heightmast lowered (mm) | Free lift on Forks (mm) | | Front Overhang | Mast Tilting angle Front/Rear | Capacity at Max. height(kg) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | With Bracket | Without Bracket | | | Without side shift carriage | With side shift carriage |
| Wide View 2-stage mast | 3.00m | FD2RT/4RT25 | 3000 | 2230 | 165 | 165 | 580 | 10/12° | 2500 | 2500 |
| | | FD2RT/4RT35 | | 2325 | 170 | 170 | 595 | 10/12° | 3500 | 3300 |
| | 3.30m | FD2RT/4RT25 | 3300 | 2380 | 165 | 165 | 580 | 10/12° | 2500 | 2500 |
| | | FD2RT/4RT35 | | 2475 | 170 | 170 | 595 | 10/12° | 3500 | 3300 |
| | 3.50m | FD2RT/4RT25 | 3500 | 2485 | 165 | 165 | 580 | 10/12° | 2500 | 2500 |
| | | FD2RT/4RT35 | | 2575 | 170 | 170 | 595 | 10/12° | 3500 | 3200 |
| | 4.00m | FD2RT/4RT25 | 4000 | 2780 | 165 | 165 | 580 | 10/12° | 2500 | 2500 |
| | | FD2RT/4RT35 | | 2875 | 170 | 170 | 595 | 10/12° | 3400 | 3100 |
| | 4.5m | FD2RT/4RT25 | 4500 | 3030 | 165 | 165 | 580 | 10/12° | 2200 | 2100 |
| | | FD2RT/4RT35 | | 3125 | 170 | 170 | 595 | 10/12° | 3100 | 2900 |
| Full free 3-stage mast | 4.00m | FD2RT/4RT25 | 4000 | 2075 | 893 | 1338 | 585 | 10/12° | 2500 | 2400 |
| | | FD2RT/4RT35 | | 2200 | 895 | 1340 | 615 | 10/12° | 3400 | 3100 |
| | 4.35m | FD2RT/4RT25 | 4350 | 2200 | 1018 | 1463 | 585 | 10/12° | 2400 | 2200 |
| | | FD2RT/4RT35 | | 2325 | 1020 | 1466 | 615 | 10/12° | 3000 | 2900 |
| | 4.70m | FD2RT/4RT25 | 4700 | 2315 | 1133 | 1578 | 585 | 10/12° | 2100 | 1900 |
| | | FD2RT/4RT35 | | 2440 | 1135 | 1580 | 615 | 10/12° | 2800 | 2500 |
| | 5.00m | FD2RT/4RT25 | 5000 | 2450 | 1268 | 1716 | 585 | 6/6° | 1900 | 1600 |
| | | FD2RT/4RT35 | | 2575 | 1270 | 1715 | 615 | 6/6° | 2600 | 2300 |
| | 6m | FD2RT/4RT25 | 6000 | 2800 | 1618 | 2063 | 585 | 6/6° | 1200 | 800 |
| | | FD2RT/4RT35 | | 2925 | 1620 | 2065 | 615 | 6/6° | 1900 | 1600 |
| | 6.5m | FD2RT/4RT25 | 6500 | 3015 | 1833 | 2278 | 585 | 6/6° | 700 | 400 |
| | | FD2RT/4RT35 | | 3140 | 1835 | 2280 | 615 | 6/6° | 1300 | 1100 |

## LS Mtron

| | |
|---|---|
| Type: | L3 |
| Model: | L4CRTV4(EUV) |
| No. of cylinder: | 4 |
| BorexStroke: | 88mmx103mm |
| Displacement: | 2,505 cc |
| Rated output: | 42(56hp)/2300kw/rpm |
| Rated torque: | 208/1600N.m/rpm |