

**NOBLELIFT**  
CANADA  INC.

WE PROMISE | WE DELIVER

 ISO9001 / ISO14001  
CE Certificate

# RT15DP RT15/20SP

STAND-ON SCISSORREACH  
TRUCK

# NEW ARRIVAL

**RT15DP**  
Double Reach

**RT15/20SP**  
Single Reach



 **ELEVEX™**  
Material Handling Solutions

# RT15DP/RT15/20SP *Stand-on Scissor Reach Truck*

## SUPERIOR EFFICIENCY

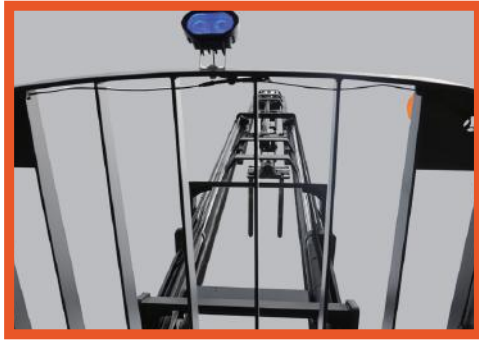
- Effortless 360° in situ steering in confined space is available thanks to small turning radius.
- Compact chassis allows easy access to narrow aisle applications.
- Small and short load wheels facilitate access to multiple mast height configurations between racks, making it easy to use in warehouse and racks of different sizes.
- Versatile battery capacities for various travel distances and running times.
- Optional driving modes for versatile scenarios.
- Enhance efficiency with swift lifting and travelling.

## SAFETY AND RELIABILITY

- Automatic deceleration when cornering prevents accidents.
- Adaptive safety-load sensing system adjusts lifting height based on load capacity.
- Dual foot pedals for high efficiency and safety.
- Automatic fork leveling functions, safe and efficient.
- Fully proportional hydraulic control for precision and durability.
- The cab's full wraparound design ensures driver safety.

## QUICK AND EASY MAINTENANCE

- The integrated battery is conveniently located in the middle of chassis, facilitating easy removal, inspection or replacement.
- The chassis door is easily accessible for viewing internal issues, inspections and replacements.
- All components are methodically arranged, ensuring effortless part identification during service checks.



## HIGH-PERFORMANCE SCISSOR STRUCTURE

- The scissor structure is highly robust and stable, enabling a smooth reaching of the forks while minimizing vibrations and rocking.
- The conversion between movements is seamlessly achieved through the equilibrium of shear force, delivering substantial torque. When raised to a height of 10.5 meters, it can effortlessly lift loads of up to 1.2 tons.
- The scissor mechanism seamlessly adjusts and neatly folds, significantly minimizing the truck's footprint and maximizing space utilization.

## ERGONOMIC DESIGN

- Enhanced mast structure design and optimized cylinder and chain arrangement for a better view.
- Spacious standing platform accommodating various personnel.
- Convenient standing platform height for easy boarding.
- Comfortable waist and elbow support to alleviate driver fatigue.
- Integrated shock absorption on the standing platform for a smoother ride.
- Newly improved roof guard for an expanded upward view.
- Ergonomically designed multifunctional integrated handle.
- Versatile functions including warning lights, illumination, and blue lights.

## EXCELLENT STABILITY

- One-touch leveling function ensures stable loading and unloading of good from the shelves.
- The end-of-scissor retraction includes cushioning for reduce impact and improved stability.



TYPE SHEET FOR INDUSTRIAL TRUCK ACC. TO VDI 2198

IDENTIFICATION

|     |               |  |       |             |              |              |
|-----|---------------|--|-------|-------------|--------------|--------------|
| 1.1 | Manufacturer  |  |       | NOBLELIFT   |              |              |
| 1.2 | Model         |  |       | RT15DP      | RT15SP       | RT20SP       |
| 1.3 | Power         |  |       | electric    | electric     | electric     |
| 1.4 | Operator type |  |       | Stand       | Stand        | Stand        |
| 1.5 | Load capacity |  | Q(kg) | 1500        | 1500         | 2000         |
| 1.6 | Load centre   |  | c(mm) | 600         | 600          | 600          |
| 1.8 | Load distance |  | x(mm) | 213/847     | 305/265      | 305/265      |
| 1.9 | Wheelbase     |  | y(mm) | See table 2 | See table 10 | See table 18 |

WEIGHT

|     |        |              |    |             |              |              |
|-----|--------|--------------|----|-------------|--------------|--------------|
| 2.1 | Weight | Less battery | kg | See table 4 | See table 12 | See table 20 |
|-----|--------|--------------|----|-------------|--------------|--------------|

TYRES

|     |                           |                                   |         |          |          |          |
|-----|---------------------------|-----------------------------------|---------|----------|----------|----------|
| 3.2 | Tyres                     | Power unit side, drive            | mm      | Ø343x140 | Ø343x140 | Ø343x140 |
| 3.3 | Tyres                     | Load side, standard wheel         | mm      | Ø127x74  | Ø127x74  | Ø127x74  |
| 3.4 | Castro wheel              | Size                              | mm      | Ø205x101 | Ø205x101 | Ø205x101 |
| 3.5 | Wheels, (x=driven wheels) | Number power unit side/ load side |         | 1x,4/1   | 1x,4/1   | 1x,4/1   |
| 3.6 | Track width               | Power unit side                   | b10(mm) | 800      | 800      | 800      |

DIMENSIONS

|      |                        |                                  |            |             |              |              |
|------|------------------------|----------------------------------|------------|-------------|--------------|--------------|
| 4.1  | Tilt: Fork carriage    | Forward/backward                 | angle(deg) | 3/4         | 3/4          | 3/4          |
| 4.2  | Mast                   | Collapsed height                 | h1(mm)     | See table 1 | See table 9  | See table 17 |
| 4.3  | Free lift              |                                  | h2(mm)     | See table 1 | See table 9  | See table 17 |
| 4.4  | Lift height            |                                  | h3(mm)     | See table 1 | See table 9  | See table 17 |
| 4.5  | Extended mast height   |                                  | h4(mm)     | See table 1 | See table 9  | See table 17 |
| 4.7  | Overhead guard height  | Overhead guard (cabin)           | h6(mm)     | See table 1 | See table 9  | See table 17 |
| 4.10 | Outrigger height       | std. wheel /Ø102/Ø127/Ø152       | h8(mm)     | 125         | 125          | 125          |
| 4.20 | Headlength             |                                  | 12(mm)     | See table 2 | See table 2  | See table 2  |
| 4.21 | Width overall          | Power unit side                  | b1(mm)     | 1080        | 1080         | 1080         |
| 4.22 | Fork dimensions        | Standard / optional lenghts      | TxWxL(mm)  | 40x100x1070 | 40x100x1070  | 40x120x1070  |
| 4.23 | Fork carriage          | DIN 15173 class/form A,B         |            | 2A          | 2A           | 2A           |
| 4.24 | Fork carriage width    | incl. load backrest              | b3(mm)     | 820         | 820          | 820          |
| 4.25 | Width across forks     | With sideshifter/w.o sideshifter | b5(mm)     | 200-760     | 200-760      | 240-760      |
| 4.26 | Inside straddle        | In 25mm increments               | b4(mm)     | 1050/1270   | 1050/1270    | 1050/1270    |
| 4.28 | Reach                  | With sideshifter/w.o sideshifter | l4(mm)     | 1060        | 590          | 590          |
| 4.32 | Ground clearance       | Centre wheelbase                 | m2(mm)     | 50          | 50           | 50           |
| 4.33 | Working aisle width    | 1000x1200 crosswise              | Ast(mm)    | See table 2 | See table 10 | See table 18 |
| 4.34 | Working aisle width    | 800x1200 lengthwise              | Ast(mm)    | See table 2 | See table 10 | See table 18 |
| 4.35 | Turning radius         |                                  | Wa(mm)     | See table 2 | See table 10 | See table 18 |
| 4.37 | Length over outriggers |                                  | l7(mm)     | See table 2 | See table 10 | See table 18 |
| 4.39 | Width outrigger        |                                  | b2(mm)     | 1295        | 1295         | 1295         |

PERFORMANCE DATA

|      |                       |             |      |           |           |           |
|------|-----------------------|-------------|------|-----------|-----------|-----------|
| 5.1  | Travel-speed standard |             | km/h | 9/9.5     | 9/9.5     | 9/9.5     |
| 5.2  | Lift speed            | w./w.o load | m/s  | 0.35/0.5  | 0.35/0.5  | 0.35/0.5  |
| 5.3  | Lower speed           | w./w.o load | m/s  | 0.50/0.50 | 0.50/0.50 | 0.50/0.50 |
| 5.4  | Reach speed           | w./w.o load | m/s  | 0.15/0.15 | 0.15/0.15 | 0.15/0.15 |
| 5.8  | Max Gradeability      | w.load      | %    | 5         | 5         | 5         |
| 5.10 | Breaks                | Service     |      | Electric  | Electric  | Electric  |
|      |                       | Parking     |      | Electric  | Electric  | Electric  |

MOTORS

|     |                          |                             |           |             |              |              |
|-----|--------------------------|-----------------------------|-----------|-------------|--------------|--------------|
| 6.1 | Traction Motor           | (60 min. rating)            | kW        | 5.5         | 5.5          | 5.5          |
| 6.2 | Lift motors              | (15% on time)               | kW        | 11          | 11           | 11           |
| 6.3 | Max. battery size        | DIN 43531/35/36 A, B, C, no | lxwxh(mm) | See table 2 | See table 10 | See table 18 |
| 6.4 | Battery capacity         | Nominal capacity 5h         | V/Ah      | See table 2 | See table 10 | See table 18 |
| 6.5 | Battery weight           | Minimum                     | kg        | See table 2 | See table 10 | See table 18 |
|     | Battery selection number | A,B,C,D,E                   |           | See table 2 | See table 10 | See table 18 |

|     |                    |  |  |    |    |    |
|-----|--------------------|--|--|----|----|----|
| 8.1 | Type of controller |  |  | AC | AC | AC |
|-----|--------------------|--|--|----|----|----|

TYPE SHEET FOR INDUSTRIAL TRUCK ACC. TO VDI 2198

IDENTIFICATION

|     |               |  |       |             |              |              |
|-----|---------------|--|-------|-------------|--------------|--------------|
| 1.1 | Manufacturer  |  |       | NOBLELIFT   |              |              |
| 1.2 | Model         |  |       | RT15DP      | RT15SP       | RT20SP       |
| 1.3 | Power         |  |       | electric    | electric     | electric     |
| 1.4 | Operator type |  |       | Stand       | Stand        | Stand        |
| 1.5 | Load capacity |  | Q(lb) | 3307        | 3307         | 4409         |
| 1.6 | Load centre   |  | c(in) | 23.6        | 23.6         | 23.6         |
| 1.8 | Load distance |  | x(in) | 8.4/33.3    | 12/10.4      | 12/10.4      |
| 1.9 | Wheelbase     |  | y(in) | See table 6 | See table 14 | See table 22 |

WEIGHT

|     |        |              |    |             |              |              |
|-----|--------|--------------|----|-------------|--------------|--------------|
| 2.1 | Weight | Less battery | lb | See table 8 | See table 16 | See table 24 |
|-----|--------|--------------|----|-------------|--------------|--------------|

TYRES

|     |                           |                                   |         |           |           |           |
|-----|---------------------------|-----------------------------------|---------|-----------|-----------|-----------|
| 3.2 | Tyres                     | Power unit side, drive            | in      | Ø13.5x5.5 | Ø13.5x5.5 | Ø13.5x5.5 |
| 3.3 | Tyres                     | Load side, standard wheel         | in      | Ø5x2.9    | Ø5x2.9    | Ø5x2.9    |
| 3.4 | Castro wheel              | Size                              | in      | Ø8x4      | Ø8x4      | Ø8x4      |
| 3.5 | Wheels, (x=driven wheels) | Number power unit side/ load side |         | 1x,4/1    | 1x,4/1    | 1x,4/1    |
| 3.6 | Track width               | Power unit side                   | b10(in) | 31.5      | 31.5      | 31.5      |

DIMENSIONS

|     |                       |                      |            |             |              |              |
|-----|-----------------------|----------------------|------------|-------------|--------------|--------------|
| 4.1 | Tilt: Fork carriage   | Forward/backward     | angle(deg) | 3/4         | 3/4          | 3/4          |
| 4.2 | Mast                  | Collapsed height     | h1(in)     | See table 5 | See table 13 | See table 21 |
| 4.3 | Free lift             |                      | h2(in)     | See table 5 | See table 13 | See table 21 |
| 4.4 | Lift height           |                      | h3(in)     | See table 5 | See table 13 | See table 21 |
| 4.5 | Extended mast height  |                      | h4(in)     | See table 5 | See table 13 | See table 21 |
| 4.7 | Overhead guide geight | Overhead guard cabin | h6(in)     | See table 5 | See table 13 | See table 21 |



## RT15DP *Double Reach*

## RT15DP SPEC (Table1)

|     | Type        |        | DP4500 | DP4920 | DP6500 | DP7500 | DP8500 | DP9500 | DP10500 |
|-----|-------------|--------|--------|--------|--------|--------|--------|--------|---------|
| 4.2 | Mast        | h1(mm) | 2260   | 2415   | 2940   | 3274   | 3606   | 3940   | 4274    |
| 4.3 | Free Lift   | h2(mm) | 1340   | 1495   | 2020   | 2354   | 2686   | 3020   | 3354    |
| 4.4 | Lift height | h3(mm) | 4500   | 4920   | 6500   | 7500   | 8500   | 9500   | 10500   |
| 4.5 | Mast        | h4(mm) | 5420   | 5840   | 7420   | 8420   | 9420   | 10420  | 11420   |
| 4.7 | Height      | h6(mm) | 2260   | 2415   | 2415   | 2415   | 2415   | 2415   | 2415    |

## RT15DP SPEC (Table2)

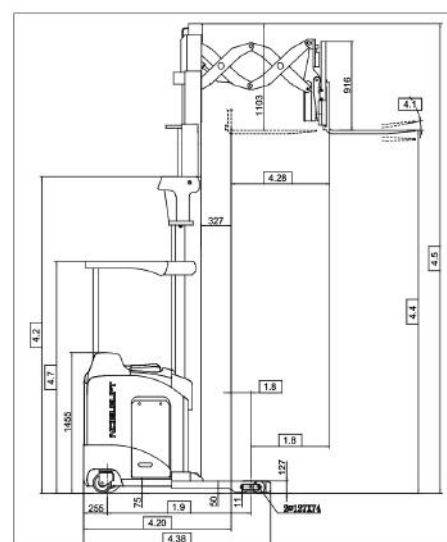
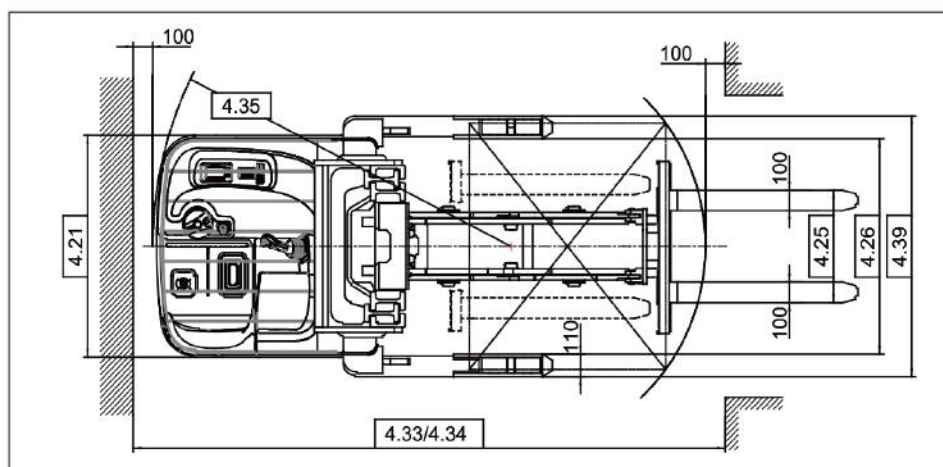
|      | Type                                     |          | B           | C           | D           | E           |
|------|------------------------------------------|----------|-------------|-------------|-------------|-------------|
| 1.9  | Wheel base                               | y(mm)    | 1550        | 1550        | 1600        | 1650        |
| 4.20 | Headlength                               | 12(mm)   | 1590        | 1590        | 1640        | 1690        |
| 4.33 | Working Aisle width (1000x1200) traverse | Ast(mm)  | 3015        | 3015        | 3065        | 3115        |
| 4.34 | Working Aisle width (800x1200) length    | Ast(kg)  | 3090        | 3090        | 3140        | 3190        |
| 4.35 | Turning Radius                           | Wa(mm)   | 1825        | 1825        | 1875        | 1925        |
| 4.37 | Length over Outriggers                   | L7(mm)   | 1985        | 1985        | 2035        | 2085        |
| 6.3  | Max. Battery size                        | lwxh(mm) | 360x980x785 | 410x980x785 | 457x980x785 | 500x980x785 |
| 6.4  | Battery Voltage                          | V/Ah     | 36V/600AH   | 36V/700AH   | 36V/800AH   | 36V/900AH   |
| 6.5  | Battery Weight                           | kg       | 780         | 900         | 1025        | 1140        |

### RT15DP BATTERY OPTIONS (Table3)

| RT15DP | Mast Model         |   |             | DP4500      | DP4920      | DP6500      | DP7500      | DP8500      | DP9500      | DP10500      |
|--------|--------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
|        | Battery Pack Model | B | Truck Model | RT15DP4500B | RT15DP4920B | RT15DP6500B | n/a         | n/a         | n/a         | n/a          |
|        |                    | C |             | RT15DP4500C | RT15DP4920C | RT15DP6500C | RT15DP7500C | n/a         | n/a         | n/a          |
|        |                    | D |             | RT15DP4500D | RT15DP4920D | RT15DP6500D | RT15DP7500D | RT15DP8500D | n/a         | n/a          |
|        |                    | E |             | RT15DP4500E | RT15DP4920E | RT15DP6500E | RT15DP7500E | RT15DP8500E | RT15DP9500E | RT15DP10500E |

RT15DP TRUCK WEIGHT (Table4)

| 2.1 | RT15DP | Mast Model         |   |                   | DP4500 | DP4920 | DP6500 | DP7500 | DP8500 | DP9500 | DP10500 |
|-----|--------|--------------------|---|-------------------|--------|--------|--------|--------|--------|--------|---------|
|     |        | Battery Pack Model | B | Truck Weight (kg) | 3994   | 4050   | 4240   | n/a    | n/a    | n/a    | n/a     |
|     |        |                    | C |                   | 4114   | 4170   | 4360   | 4480   | n/a    | n/a    | n/a     |
|     |        |                    | D |                   | 4249   | 4305   | 4495   | 4615   | 4735   | n/a    | n/a     |
|     |        |                    | E |                   | 4374   | 4430   | 4620   | 4740   | 4860   | 4980   | 5100    |



# RT15DP Double Reach

RT15DP SPEC (Table5)

|     | Type        |        | DP4500 | DP4920 | DP6500 | DP7500 | DP8500 | DP9500 | DP10500 |
|-----|-------------|--------|--------|--------|--------|--------|--------|--------|---------|
| 4.2 | Mast        | h1(in) | 89     | 95.1   | 115.7  | 128.9  | 142    | 155.1  | 168.3   |
| 4.3 | Free Lift   | h2(in) | 52.8   | 85.9   | 79.5   | 92.7   | 105.7  | 118.9  | 132     |
| 4.4 | Lift height | h3(in) | 177.2  | 193.7  | 255.9  | 295.3  | 334.6  | 374    | 413.4   |
| 4.5 | Mast        | h4(in) | 213.4  | 229.9  | 292.1  | 331.5  | 370.9  | 410.2  | 449.6   |
| 4.7 | Height      | h6(in) | 89     | 95.1   | 95.1   | 95.1   | 95.1   | 95.1   | 95.1    |

RT15DP BATTERY OPTIONS (Table6)

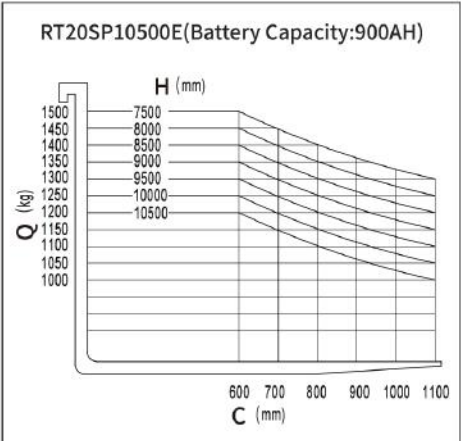
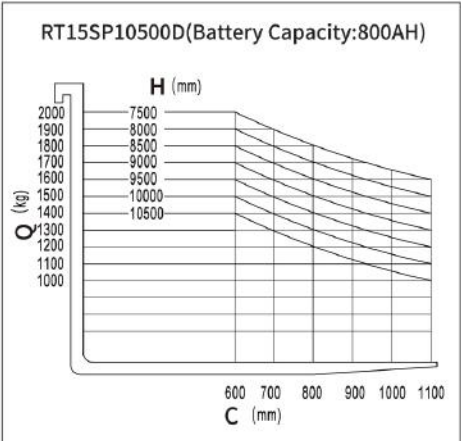
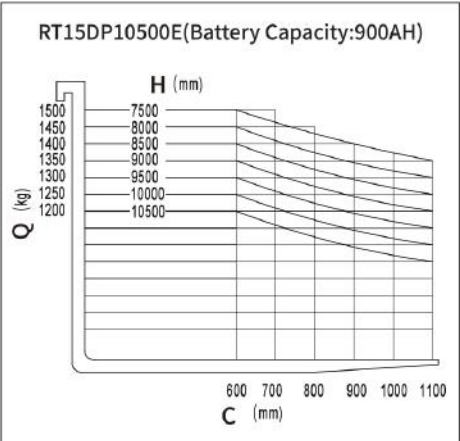
|      | Type                                     |           | B              | C              | D            | E              |
|------|------------------------------------------|-----------|----------------|----------------|--------------|----------------|
| 1.9  | Wheel base                               | y(in)     | 61             | 1550           | 1600         | 1650           |
| 4.20 | Headlength                               | 12(in)    | 62.6           | 1590           | 1640         | 1690           |
| 4.33 | Working Aisle width (1000x1200) traverse | Ast(in)   | 118.7          | 3015           | 3065         | 3115           |
| 4.34 | Working Aisle width (800x1200) length    | Ast(in)   | 121.7          | 3090           | 3140         | 3190           |
| 4.35 | Turning Radius                           | Wa(in)    | 71.9           | 1825           | 1875         | 1925           |
| 4.37 | Length over Outriggers                   | L7(in)    | 78.1           | 1985           | 2035         | 2085           |
| 6.3  | Max. Battery size                        | lxwxh(in) | 14.2x38.6x30.9 | 16.1x38.6x30.9 | 18x38.6x30.9 | 19.7x38.6x30.9 |
| 6.4  | Battery Voltage                          | V/Ah      | 36V/600AH      | 36V/700AH      | 36V/800AH    | 36V/900AH      |
| 6.5  | Battery Weight                           | lb        | 1720           | 1984           | 2260         | 2513           |

RT15DP SPEC (Table7)

| RT15DP | Mast Model         |   |             | DP4500      | DP4920      | DP6500      | DP7500      | DP8500      | DP9500      | DP10500      |
|--------|--------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
|        | Battery Pack Model | B | Truck Model | RT15DP4500B | RT15DP4920B | RT15DP6500B | n/a         | n/a         | n/a         | n/a          |
|        |                    | C |             | RT15DP4500C | RT15DP4920C | RT15DP6500C | RT15DP7500C | n/a         | n/a         | n/a          |
|        |                    | D |             | RT15DP4500D | RT15DP4920D | RT15DP6500D | RT15DP7500D | RT15DP8500D | n/a         | n/a          |
|        |                    | E |             | RT15DP4500E | RT15DP4920E | RT15DP6500E | RT15DP7500E | RT15DP8500E | RT15DP9500E | RT15DP10500E |

RT15DP TRUCK WEIGHT (Table8)

| 2.1 | RT15DP | Mast Model         |   |                   | DP4500 | DP4920 | DP6500 | DP7500 | DP8500 | DP9500 | DP10500 |
|-----|--------|--------------------|---|-------------------|--------|--------|--------|--------|--------|--------|---------|
|     |        | Battery Pack Model | B | Truck Weight (lb) | 8805   | 8929   | 9348   | n/a    | n/a    | n/a    | n/a     |
|     |        |                    | C |                   | 9070   | 9193   | 9612   | 9877   | n/a    | n/a    | n/a     |
|     |        |                    | D |                   | 9367   | 9491   | 9910   | 10174  | 10439  | n/a    | n/a     |
|     |        |                    | E |                   | 9643   | 9766   | 10185  | 10450  | 10714  | 10979  | 11244   |



# RT15SP Single Reach

RT15SP SPEC (Table9)

|     | Type                 |        | 15SP4500 | 15SP4920 | 15SP6500 | 15SP7500 | 15SP8500 | 15SP9500 | 15SP10500 |
|-----|----------------------|--------|----------|----------|----------|----------|----------|----------|-----------|
| 4.2 | Mast                 | h1(mm) | 2260     | 2415     | 2940     | 3274     | 3606     | 3940     | 4274      |
| 4.3 | Free Lift            | h2(mm) | 1340     | 1495     | 2020     | 2354     | 2686     | 3020     | 3354      |
| 4.4 | Lift height          | h3(mm) | 4500     | 4920     | 6500     | 7500     | 8500     | 9500     | 10500     |
| 4.5 | Lift height          | h4(mm) | 5420     | 5840     | 7420     | 8420     | 9420     | 10420    | 11420     |
| 4.7 | Extended Mast height | h6(mm) | 2260     | 2415     | 2415     | 2415     | 2415     | 2415     | 2415      |

RT15SP SPEC (Table10)

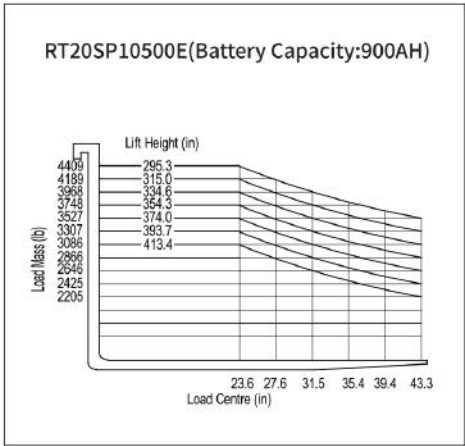
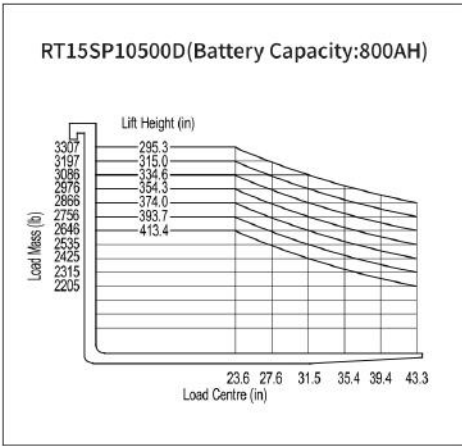
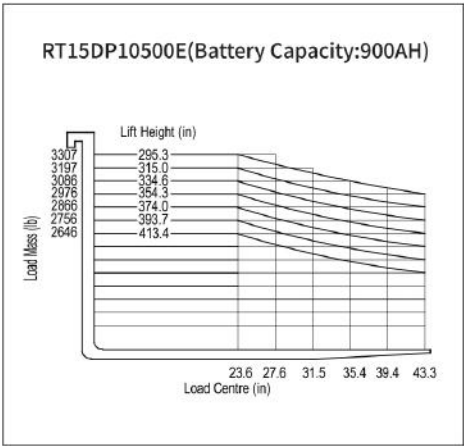
|      | Type                                     |          | B           | C           | D           | E           |
|------|------------------------------------------|----------|-------------|-------------|-------------|-------------|
| 1.9  | Wheel base                               | y(mm)    | 1550        | 1550        | 1600        | 1650        |
| 4.20 | Headlength                               | 12(mm)   | 1590        | 1590        | 1640        | 1690        |
| 4.33 | Working Aisle width (1000x1200) traverse | Ast(mm)  | 3015        | 3015        | 3065        | 3115        |
| 4.34 | Working Aisle width (800x1200) length    | Ast(kg)  | 3090        | 3090        | 3140        | 3190        |
| 4.35 | Turning Radius                           | Wa(mm)   | 1825        | 1825        | 1875        | 1925        |
| 4.37 | Length over Outriggers                   | L7(mm)   | 1985        | 1985        | 2035        | 2085        |
| 6.3  | Max. Battery size                        | lwxh(mm) | 360x980x785 | 410x980x785 | 457x980x785 | 500x980x785 |
| 6.4  | Battery Voltage                          | V/Ah     | 36V/600AH   | 36V/700AH   | 36V/800AH   | 36V/900AH   |
| 6.5  | Battery Weight                           | kg       | 780         | 900         | 1025        | 1140        |

RT15SP BATTERY OPTIONS (Table11)

| RT15SP | Mast Model         |   |             | 15SP4500    | 15SP4920    | 15SP6500    | 15SP7500    | 15SP8500    | 15SP9500    | 15SP10500    |
|--------|--------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
|        | Battery Pack Model | B | Truck Model | RT15SP4500B | RT15SP4920B | RT15SP6500B | RT15SP7500B | RT15SP8500B | n/a         | n/a          |
|        |                    | C |             | RT15SP4500C | RT15SP4920C | RT15SP6500C | RT15DP7500C | RT15SP8500C | RT15DP9500C | n/a          |
|        |                    | D |             | RT15SP4500D | RT15SP4920D | RT15SP6500D | RT15DP7500D | RT15DP8500D | RT15DP9500D | RT15DP10500D |
|        |                    | E |             | RT15SP4500E | RT15SP4920E | RT15SP6500E | RT15DP7500E | RT15DP8500E | RT15DP9500E | RT15DP10500E |

RT15DP TRUCK WEIGHT (Table12)

| 2.1 | RT15SP | Mast Model         |   |                   | 15SP4500 | 15SP4920 | 15SP6500 | 15SP7500 | 15SP8500 | 15SP9500 | 15SP10500 |
|-----|--------|--------------------|---|-------------------|----------|----------|----------|----------|----------|----------|-----------|
|     |        | Battery Pack Model | B | Truck Weight (kg) | 3550     | 3590     | 3750     | 3850     | 3950     | n/a      | n/a       |
|     |        |                    | C |                   | 3670     | 3710     | 3870     | 3970     | 4070     | 4180     | n/a       |
|     |        |                    | D |                   | 3800     | 3840     | 4000     | 4100     | 4200     | 4300     | 4400      |
|     |        |                    | E |                   | 3920     | 3960     | 4120     | 4220     | 4320     | 4420     | 9965      |



# RT15SP Single Reach

RT15SP SPEC (Table13)

|     | Type                 |        | SP4500 | SP4920 | SP6500 | SP7500 | SP8500 | SP9500 | SP10500 |
|-----|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|
| 4.2 | Mast                 | h1(in) | 89     | 95.1   | 115.7  | 128.9  | 142    | 155.1  | 168.3   |
| 4.3 | Free Lift            | h2(in) | 52.8   | 58.9   | 79.5   | 92.7   | 105.7  | 118.9  | 132     |
| 4.4 | Lift Height          | h3(in) | 177.2  | 193.7  | 255.9  | 295.3  | 334.6  | 374    | 413.4   |
| 4.5 | Lift Height          | h4(in) | 213.4  | 229.9  | 292.1  | 331.5  | 370.9  | 410.2  | 449.6   |
| 4.7 | Extended Mast height | h6(in) | 89     | 95.1   | 95.1   | 95.1   | 95.1   | 95.1   | 95.1    |

RT15SP BATTERY OPTIONS (Table14)

|      | Type                                     |           | B              | C              | D            | E              |
|------|------------------------------------------|-----------|----------------|----------------|--------------|----------------|
| 1.9  | Wheel base                               | y(in)     | 61             | 61             | 63           | 65             |
| 4.20 | Headlength                               | 12(in)    | 59.1           | 59.1           | 61           | 63             |
| 4.33 | Working Aisle width (1000x1200) traverse | Ast(in)   | 115.9          | 115.9          | 117.9        | 119.9          |
| 4.34 | Working Aisle width (800x1200) length    | Ast(in)   | 118.3          | 118.3          | 120.3        | 122.2          |
| 4.35 | Turning Radius                           | Wa(in)    | 71.9           | 71.9           | 73.8         | 75.8           |
| 4.37 | Length over Outriggers                   | L7(in)    | 78.1           | 78.1           | 80.1         | 82.1           |
| 6.3  | Max. Battery size                        | lxwxh(in) | 14.2x39.6x30.9 | 16.1x39.6x30.9 | 18x39.6x30.9 | 19.7x38.6x30.9 |
| 6.4  | Battery Voltage                          | V/Ah      | 36V/600AH      | 36V/700AH      | 36V/800AH    | 36V/900AH      |
| 6.5  | Battery Weight                           | lb        | 1720           | 1984           | 2260         | 2513           |

RT15SP BATTERY OPTIONS (Table15)

| RT15SP | Mast Model         |   |             | 15SP4500    | 15SP4920    | 15SP6500    | 15SP7500    | 15SP8500    | 15SP9500    | 15SP10500    |
|--------|--------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
|        | Battery Pack Model | B | Truck Model | RT15SP4500B | RT15SP4920B | RT15SP6500B | RT15SP7500B | RT15SP8500B | n/a         | n/a          |
|        |                    | C |             | RT15SP4500C | RT15SP4920C | RT15SP6500C | RT15DP7500C | RT15SP8500C | RT15DP9500C | n/a          |
|        |                    | D |             | RT15SP4500D | RT15SP4920D | RT15SP6500D | RT15DP7500D | RT15DP8500D | RT15DP9500D | RT15DP10500D |
|        |                    | E |             | RT15SP4500E | RT15SP4920E | RT15SP6500E | RT15DP7500E | RT15DP8500E | RT15DP9500E | RT15DP10500E |

RT15DP TRUCK WEIGHT (Table16)

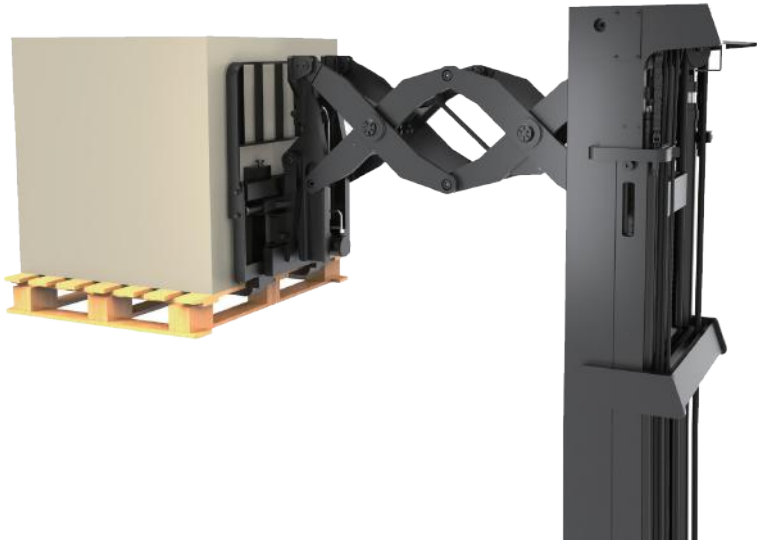
| 2.1 | RT15SP | Mast Model         |   |                   | 15SP4500 | 15SP4920 | 15SP6500 | 15SP7500 | 15SP8500 | 15SP9500 | 15SP10500 |
|-----|--------|--------------------|---|-------------------|----------|----------|----------|----------|----------|----------|-----------|
|     |        | Battery Pack Model | B | Truck Weight (lb) | 7826     | 7915     | 8267     | 8488     | 8708     | n/a      | n/a       |
|     |        |                    | C |                   | 8091     | 8179     | 8532     | 8752     | 8973     | 9215     | n/a       |
|     |        |                    | D |                   | 8378     | 8466     | 8818     | 9039     | 9259     | 9480     | 9700      |
|     |        |                    | E |                   | 8642     | 8730     | 9083     | 9304     | 9524     | 9744     | 9965      |

## RT15DP (DOUBLE REACH)

Fork reaching distance 1060mm

## RT15/20SP (SINGLE REACH)

Fork reaching distance 590mm



# RT20SP *Single Reach*

RT15SP SPEC (Table17)

|     | Type        |        | 20SP4500 | 20SP4920 | 20SP6500 | 20SP7500 | 20SP8500 | 20SP9500 | 20SP10500 |
|-----|-------------|--------|----------|----------|----------|----------|----------|----------|-----------|
| 4.2 | Mast        | h1(mm) | 2260     | 2415     | 2940     | 3274     | 3606     | 3940     | 4274      |
| 4.3 | Free Lift   | h2(mm) | 1340     | 1495     | 2020     | 2354     | 2686     | 3020     | 3354      |
| 4.4 | Lift height | h3(mm) | 4500     | 4920     | 6500     | 7500     | 8500     | 9500     | 10500     |
| 4.5 | Mast        | h4(mm) | 5420     | 5840     | 7420     | 8420     | 9420     | 10420    | 11420     |
| 4.7 | Height      | h6(mm) | 2260     | 2415     | 2415     | 2415     | 2415     | 2415     | 2415      |

RT20SP SPEC (Table18)

|      | Type                                     |          | B           | C           | D           | E           |
|------|------------------------------------------|----------|-------------|-------------|-------------|-------------|
| 1.9  | Wheel base                               | y(mm)    | 1550        | 1550        | 1600        | 1650        |
| 4.20 | Headlength                               | 12(mm)   | 1590        | 1590        | 1640        | 1690        |
| 4.33 | Working Aisle width (1000x1200) traverse | Ast(mm)  | 3015        | 3015        | 3065        | 3115        |
| 4.34 | Working Aisle width (800x1200) length    | Ast(kg)  | 3090        | 3090        | 3140        | 3190        |
| 4.35 | Turning Radius                           | Wa(mm)   | 1825        | 1825        | 1875        | 1925        |
| 4.37 | Length over Outriggers                   | L7(mm)   | 1985        | 1985        | 2035        | 2085        |
| 6.3  | Max. Battery size                        | lwxh(mm) | 360x980x785 | 410x980x785 | 457x980x785 | 500x980x785 |
| 6.4  | Battery Voltage                          | V/Ah     | 36V/600AH   | 36V/700AH   | 36V/800AH   | 36V/900AH   |
| 6.5  | Battery Weight                           | kg       | 780         | 900         | 1025        | 1140        |

RT20SP BATTERY OPTIONS (Table19)

| RT20SP | Mast Model         |   |             | 20SP4500    | 20SP4920    | 20SP6500    | 20SP7500    | 20SP8500    | 20SP9500    | 20SP10500    |
|--------|--------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
|        | Battery Pack Model | B | Truck Model | RT20SP4500B | RT20SP4920B | RT20SP6500B | RT20SP7500B | n/a         | n/a         | n/a          |
|        |                    | C |             | RT20SP4500C | RT20SP4920C | RT20SP6500C | RT20DP7500C | RT20SP8500C | n/a         | n/a          |
|        |                    | D |             | RT20SP4500D | RT20SP4920D | RT20SP6500D | RT20DP7500D | RT20DP8500D | RT20DP9500D | n/a          |
|        |                    | E |             | RT20SP4500E | RT20SP4920E | RT20SP6500E | RT20DP7500E | RT20DP8500E | RT20DP9500E | RT20DP10500E |

RT20DP TRUCK WEIGHT (Table20)

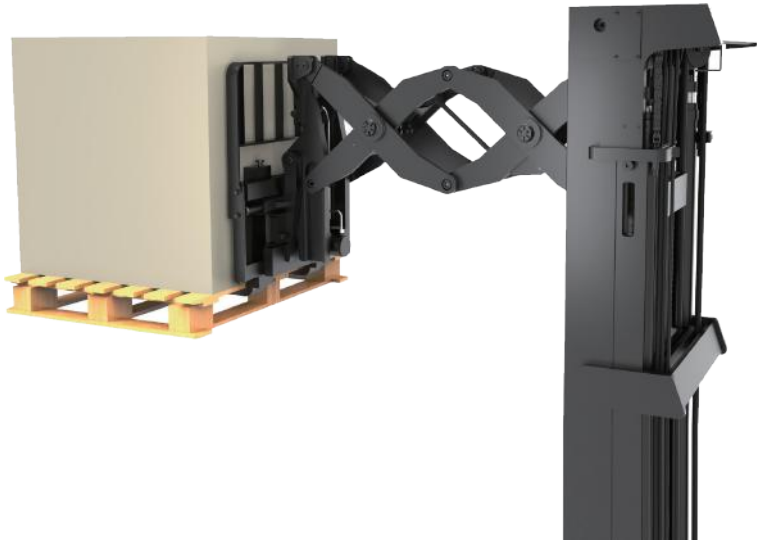
| 2.1 | RT20SP | Mast Model         |   |                   | 20SP4500 | 20SP4920 | 20SP6500 | 20SP7500 | 20SP8500 | 20SP9500 | 20SP10500 |
|-----|--------|--------------------|---|-------------------|----------|----------|----------|----------|----------|----------|-----------|
|     |        | Battery Pack Model | B | Truck Weight (kg) | 3894     | 3950     | 4140     | 4260     | n/a      | n/a      | n/a       |
|     |        |                    | C |                   | 4014     | 4070     | 4260     | 4380     | 4500     | n/a      | n/a       |
|     |        |                    | D |                   | 4149     | 4205     | 4395     | 4515     | 4635     | 4755     | n/a       |
|     |        |                    | E |                   | 4274     | 4330     | 4520     | 4640     | 4760     | 4880     | 5000      |

## RT15DP (DOUBLE REACH)

Fork reaching distance 41.7in

## RT15/20SP (SINGLE REACH)

Fork reaching distance 23.2in



# RT20SP Single Reach

RT20SP SPEC (Table21)

|     | Type                 |        | SP4500 | SP4920 | SP6500 | SP7500 | SP8500 | SP9500 | SP10500 |
|-----|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|
| 4.2 | Mast                 | h1(in) | 89     | 95.1   | 115.7  | 128.9  | 142    | 155.1  | 168.3   |
| 4.3 | Free Lift            | h2(in) | 52.8   | 58.9   | 79.5   | 92.7   | 105.7  | 118.9  | 132     |
| 4.4 | Lift Height          | h3(in) | 177.2  | 193.7  | 255.9  | 295.3  | 334.6  | 374    | 413.4   |
| 4.5 | Lift Height          | h4(in) | 213.4  | 229.9  | 292.1  | 331.5  | 370.9  | 410.2  | 449.6   |
| 4.7 | Extended Mast height | h6(in) | 89     | 95.1   | 95.1   | 95.1   | 95.1   | 95.1   | 95.1    |

RT15SP BATTERY OPTIONS (Table22)

|      | Type                                     |           | B              | C              | D            | E              |
|------|------------------------------------------|-----------|----------------|----------------|--------------|----------------|
| 1.9  | Wheel base                               | y(in)     | 61             | 61             | 63           | 65             |
| 4.20 | Headlength                               | 12(in)    | 59.1           | 59.1           | 61           | 63             |
| 4.33 | Working Aisle width (1000x1200) traverse | Ast(in)   | 115.9          | 115.9          | 117.9        | 119.9          |
| 4.34 | Working Aisle width (800x1200) length    | Ast(in)   | 118.3          | 118.3          | 120.3        | 122.2          |
| 4.35 | Turning Radius                           | Wa(in)    | 71.9           | 71.9           | 73.8         | 75.8           |
| 4.37 | Length over Outriggers                   | L7(in)    | 78.1           | 78.1           | 80.1         | 82.1           |
| 6.3  | Max. Battery size                        | lxwxh(in) | 14.2x39.6x30.9 | 16.1x39.6x30.9 | 18x39.6x30.9 | 19.7x38.6x30.9 |
| 6.4  | Battery Voltage                          | V/Ah      | 36V/600AH      | 36V/700AH      | 36V/800AH    | 36V/900AH      |
| 6.5  | Battery Weight                           | lb        | 1720           | 1984           | 2260         | 2513           |

RT20SP BATTERY OPTIONS (Table23)

| RT20SP | Mast Model         |   |             | 20SP4500    | 20SP4920    | 20SP6500    | 20SP7500    | 20SP8500    | 20SP9500    | 20SP10500    |
|--------|--------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
|        | Battery Pack Model | B | Truck Model | RT20SP4500B | RT20SP4920B | RT20SP6500B | RT20SP7500B | n/a         | n/a         | n/a          |
|        |                    | C |             | RT20SP4500C | RT20SP4920C | RT20SP6500C | RT20DP7500C | RT20SP8500C | n/a         | n/a          |
|        |                    | D |             | RT20SP4500D | RT20SP4920D | RT20SP6500D | RT20DP7500D | RT20DP8500D | RT20DP9500D | n/a          |
|        |                    | E |             | RT20SP4500E | RT20SP4920E | RT20SP6500E | RT20DP7500E | RT20DP8500E | RT20DP9500E | RT20DP10500E |

RT15DP TRUCK WEIGHT (Table24)

| 2.1 | RT20SP | Mast Model         |   |                   | 20SP4500 | 20SP4920 | 20SP6500 | 20SP7500 | 20SP8500 | 20SP9500 | 20SP10500 |
|-----|--------|--------------------|---|-------------------|----------|----------|----------|----------|----------|----------|-----------|
|     |        | Battery Pack Model | B | Truck Weight (lb) | 8585     | 8708     | 9127     | 9392     | n/a      | n/a      | n/a       |
|     |        |                    | C |                   | 8849     | 8973     | 9392     | 9656     | 9921     | n/a      | n/a       |
|     |        |                    | D |                   | 9147     | 9270     | 9689     | 9954     | 10218    | 10483    | n/a       |
|     |        |                    | E |                   | 9423     | 9546     | 9965     | 10229    | 10494    | 10759    | 11023     |



**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](mailto:info@elevex.ca)  
[elevex.ca](http://elevex.ca)

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

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

