




JX0

COMPACT VERTICAL ORDER PICKER

 200 kg  3615 mm  24 V Lead Acid/Li-ion



The JX0 series is purpose-built for e-commerce, retail, and general warehouse environments where frequent low- to mid-level order picking is required. Its compact 750 mm width and 1260 mm turning radius allow easy operation in narrow aisles and crowded storage areas. The model's automatic travel speed adjustment based on lifting height ensures both efficiency and safety. With options for lead-acid or Li-ion batteries, the JX0 adapts to various working schedules and energy requirements.

| SPECIFICATION                               | REF                            | UNIT | VALUE            |
|---|--------------------------------|------|------------------|
| Battery type                                |                                |      | Lead Acid/Li-ion |
| Battery nominal capacity                    |                                | Ah   | 120 135          |
| Battery voltage                             |                                | V    | 24               |
| Load capacity                               | Q                              | kg   | 200              |
| Load centre distance                        | c                              | mm   | -                |
| Service weight                              |                                | kg   | 800              |
| Retracted mast height                       | h <sub>1</sub>                 | mm   | 1375             |
| Lift height                                 | h <sub>3</sub>                 | mm   | 3615             |
| Height, mast extended                       | h <sub>4</sub>                 | mm   | 4090             |
| Overall length                              |                                | mm   | 1440             |
| Overall width                               | b <sub>1</sub> /b <sub>2</sub> | mm   | 750              |
| Length to face of forks                     | l <sub>2</sub>                 | mm   | -                |
| Fork dimensions                             | s/e/l                          | mm   | -                |
| Turning radius                              |                                | Wa   | 1260             |
| Operator type                               |                                |      | Standing         |
| Load distance, centre of drive axle to fork |                                | mm   | -                |

# Features

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## Safe and efficient order picking

The JX0 provides a stable and efficient alternative to ladders and traditional pickers. With a picking height of 4.5 m, it allows operators to reach high racks safely and comfortably, significantly improving picking productivity in tight storage environments.



## Intuitive driving and control system

Featuring a mini steering wheel on the left and speed/direction control on the right, the JX0 ensures smooth and precise handling. The integrated LCD display provides clear information about battery level, driving direction, and operating hours, enhancing user awareness and control.

## Compact and ergonomic design

With a width of 750 mm and turning radius of only 1260 mm, the JX0 is perfect for narrow aisles. Its spacious operator compartment, fingertip control buttons, and 180° steering capability allow easy, fatigue-free operation throughout extended shifts.



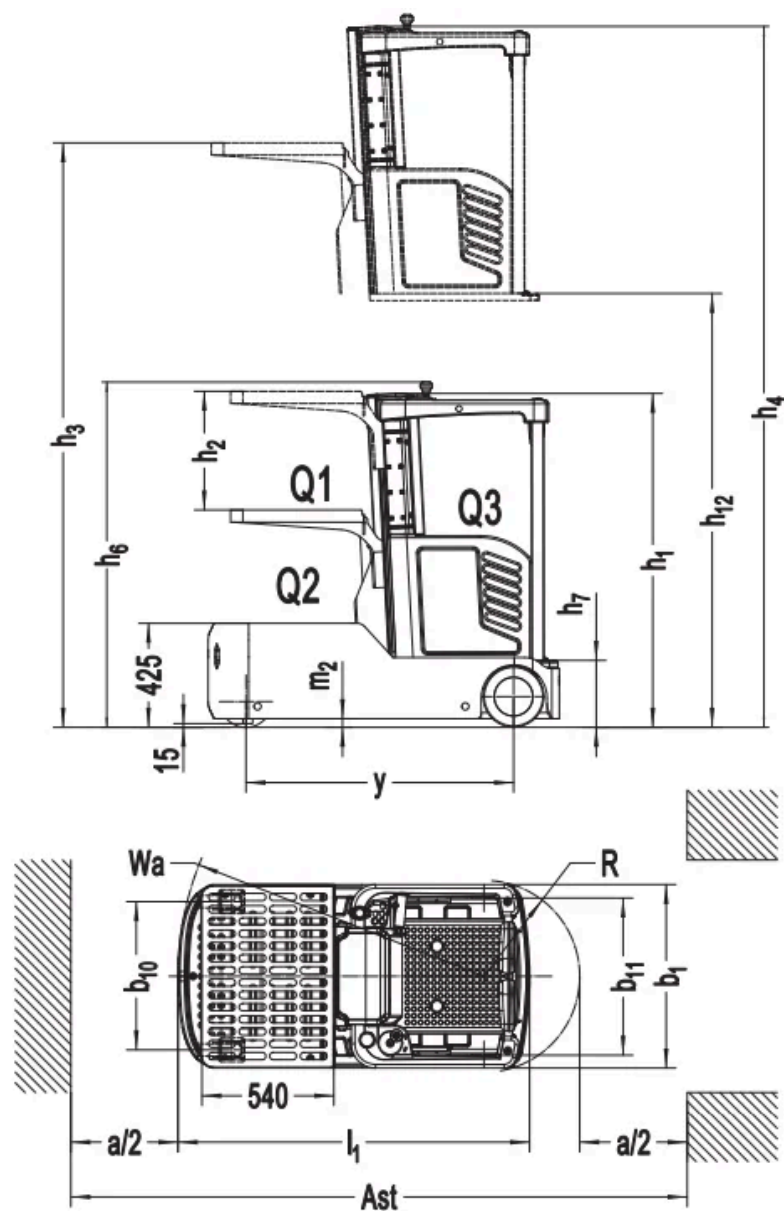
## Li-ion battery for maximum uptime

Equipped with a 24V/135Ah Li-ion battery and a single-phase 24V-30A integrated charger, the JX0 supports fast opportunity charging with minimal downtime. The maintenance-free Li-ion system ensures consistent performance, reduced operating costs, and environmental sustainability.

# VDI Chart

|        | SPECIFICATION                               | REF                            | UNIT | VALUE                    |
|--------|---|--------------------------------|------|--------------------------|
| 1.4    | Operator type                               |                                |      | Standing                 |
| 1.5    | Load capacity                               | Q                              | kg   | 200                      |
| 1.6    | Load centre distance                        | c                              | mm   | -                        |
| 1.8    | Load distance, centre of drive axle to fork |                                | mm   | -                        |
| 1.9    | Wheelbase                                   |                                | mm   | 1095                     |
| 2.1    | Service weight                              |                                | kg   | 800                      |
| 2.2    | Axle loading, laden front/rear              |                                | kg   | 673/467                  |
| 2.3    | Axle loading, unladen front/rear            |                                | kg   | 380/420                  |
| 3.1    | Tyre type                                   |                                |      | Polyurethane/Solidrubber |
| 3.2    | Tyre size, front                            |                                | mm   | φ210×70                  |
| 3.3    | Tyre size, rear                             |                                | mm   | φ250×100                 |
| 3.4    | Additional wheels (castor wheels)           |                                | mm   | φ74×48                   |
| 3.5    | Wheels, number front/rear (x=drive wheels)  |                                |      | 1×, 2/2                  |
| 3.6.1  | Tread width, front                          | b <sub>10</sub>                | mm   | 545                      |
| 3.7.1  | Tread width, rear                           | b <sub>11</sub>                | mm   | 640                      |
| 4.10   | Height of wheel arms                        |                                | mm   | -                        |
| 4.13   | Loading height, unladen                     |                                |      | -                        |
| 4.14   | Stand height, elevated                      |                                |      | 3000                     |
| 4.15   | Lowered height                              |                                |      | -                        |
| 4.16   | Length of loading surface                   |                                |      | -                        |
| 4.17   | Overhang                                    |                                |      | -                        |
| 4.19   | Overall length                              |                                | mm   | 1440                     |
| 4.2    | Retracted mast height                       | h <sub>1</sub>                 | mm   | 1375                     |
| 4.20   | Length to face of forks                     | l <sub>2</sub>                 | mm   | -                        |
| 4.21   | Overall width                               | b <sub>1</sub> /b <sub>2</sub> | mm   | 750                      |
| 4.22   | Fork dimensions                             | s/e/l                          | mm   | -                        |
| 4.3    | Free lift                                   |                                | mm   | 485                      |
| 4.31   | Ground clearance, laden, below mast         |                                | mm   | -                        |
| 4.32   | Ground clearance, centre of wheelbase       |                                | mm   | 35                       |
| 4.34.1 | Aisle width for pallets 1000×1200 crossways |                                | Ast  | -                        |
| 4.34.2 | Aisle width for pallets 800×1200 lengthways |                                | Ast  | -                        |
| 4.35   | Turning radius                              |                                | Wa   | 1260                     |

|       | SPECIFICATION                                       | REF            | UNIT  | VALUE  |
|-------|---|----------------|-------|--|
| 4.36  | Internal turning radius                             |                |       | -  |
| 4.4   | Lift height   | h <sub>3</sub> | mm    | 3615   |
| 4.5   | Height, mast extended                               | h <sub>4</sub> | mm    | 4090   |
| 4.6   | Initial lift  |                | mm    | -  |
| 4.7   | Height of overhead guard (cabin)                    |                | mm    | 1425   |
| 4.8   | Seat height/standing height                         |                | mm    | 3000   |
| 4.9   | Height of tiller handle in drive position min./max. |                |       | -  |
| 5.1   | Travel speed, laden/unladen                         |                | km/h  | 6/6.5  |
| 5.10  | Service brake                                       |                |       | Electromagnetic                                      |
| 5.11  | Parking brake                                       |                |       | -  |
| 5.2   | Lifting speed, laden/unladen                        |                | m/s   | 0.22/0.27  |
| 5.3   | Lowering speed, laden/unladen                       |                | m/s   | 0.31/0.25  |
| 5.6   | Max. drawbar pull, laden/unladen                    |                |       | -  |
| 5.8   | Max. gradeability, laden/unladen                    |                | %     | 5/8  |
| 6.1   | Drive motor rating S2 60 min                        |                | kW    | 0.65   |
| 6.2   | Lift motor rating at S3 15%                         |                | kW    | 2.2  |
| 6.4   | Battery nominal capacity                            |                | Ah    | 120 135  |
| 6.4   | Battery voltage                                     |                | V     | 24   |
| 6.4.1 | Battery type  |                |       | Lead Acid/Li-ion                                     |
| 6.5   | Battery weight                                      |                | kg    | 71   |
| 6.6   | Energy consumption according to DIN EN 16796        |                | kWh/h | 0.65   |
| 8.1   | Type of drive control                               |                |       | DC   |
| 10.5  | Steering design                                     |                |       | Mini steering (left) with fingertip controls (right) |
| 10.7  | Sound pressure level at the drivers ear             |                | dB(A) | 60   |
| 15.1  | Charger output current                              |                | A     | 15   |



Options

| ITEM                 | OPTIONS (optional items marked in yellow)  |
|----------------------|--|
| Load wheel type      | Single   |
| Electrostatic chain  | No   |
| Load wheel material  | Rubber   |
| Drive wheel material | PU   |
| Battery capacity     | 120Ah Lead acid battery   135Ah Li-ion battery   |
| Charger              | 24V-15A integrated charger for Lead acid battery   24V-30A integrated charger for Li-ion battery |

| ITEM                            | OPTIONS (optional items marked in yellow)       |
|---------------------------------|---|
| Battery display indicator (BDI) | With time                                       |
| Buzzer                          | Drop buzzer   Running buzzer   Reversing buzzer |
| Guide wheel                     | No   Yes and not customized                     |
| Castor wheels                   | Yes and not customized                          |
| Blue lamp                       | Front blue lamp                                 |
| Overhead guard                  | No  |
| Options                         | -   |
| Tyres type                      | Polyurethane/Solidrubber                        |