



## **Electric pedestrian stacker** **EJC 230**

**Lift height: 2500-6000 mm / Load capacity: 1200-3000 kg**

# EJC 230

| EJC 230         | Lift (h3) | Retracted mast height (h1) | Free lift (h2) | Extended mast height (h4) |
|-----------------|-----------|----------------------------|----------------|---------------------------|
| Duplex mast ZT  | 2800 mm   | 2080 mm                    | 100 mm         | 3466 mm                   |
|                 | 3500 mm   | 2430 mm                    | 100 mm         | 4166 mm                   |
| Duplex mast ZZ  | 2800 mm   | 2060 mm                    | 1410 mm        | 3466 mm                   |
|                 | 3500 mm   | 2410 mm                    | 1760 mm        | 4166 mm                   |
| Triplex mast DZ | 4620 mm   | 2200 mm                    | 1540 mm        | 5300 mm                   |

# VDI table

Stand-on: 10/2020

|                          |        |                                                     |                 |        |                 |
|--------------------------|--------|-----------------------------------------------------|-----------------|--------|-----------------|
| Characteristic           | 1.1    | Manufacturer (abbreviated description)              |                 |        | Jungheinrich    |
|                          | 1.2    | Manufacturer's type designation                     |                 |        | <b>EJC 230</b>  |
|                          | 1.3    | Drive                                               |                 |        | Electric        |
|                          | 1.4    | Operation                                           |                 |        | Pedestrian      |
|                          | 1.5    | Load capacity/load                                  | Q               | kg     | 3000            |
|                          | 1.6    | Load centre distance                                | c               | mm     | 600             |
|                          | 1.8    | Load distance, centre of drive axle to fork         | x               | mm     | 700             |
|                          | 1.9    | Wheelbase                                           | y               | mm     | 1570            |
| Weights                  | 2.1.1  | Service weight (incl. battery)                      |                 | kg     | 1716            |
|                          | 2.2    | Axle load laden front/rear                          |                 | kg     | 1291 / 3550     |
|                          | 2.3    | Axle load unladen front/rear                        |                 | kg     | 1150 / 660      |
| Wheels/suspension system | 3.1    | Tyres                                               |                 |        | PU              |
|                          | 3.2    | Tyre size, front                                    |                 |        | Ø 230 x 70      |
|                          | 3.3    | Tyre size, rear                                     |                 |        | Ø 85 x 110      |
|                          | 3.4    | Additional wheels                                   |                 |        | Ø 140 x 54      |
|                          | 3.5    | Wheels, number front/back (x=driven)                |                 |        | 1x + 1/4        |
|                          | 3.6    | Tread width, front                                  | b <sub>10</sub> | mm     | 507             |
|                          | 3.7    | Tread width, rear                                   | b <sub>11</sub> | mm     | 370             |
| Basic dimensions         | 4.2    | Retracted mast height (h1)                          | h <sub>1</sub>  | mm     | 2080            |
|                          | 4.3    | Free lift (h2)                                      | h <sub>2</sub>  | mm     | 100             |
|                          | 4.4    | Lift (h3)                                           | h <sub>3</sub>  | mm     | 2800            |
|                          | 4.5    | Extended mast height (h4)                           | h <sub>4</sub>  | mm     | 3466            |
|                          | 4.9    | Height of tiller handle in drive position min./max. |                 | mm     | 850 / 1298      |
|                          | 4.15   | Height, lowered                                     | h <sub>13</sub> | mm     | 95              |
|                          | 4.19   | Overall length                                      | l <sub>1</sub>  | mm     | 2180            |
|                          | 4.20   | Length including fork shank                         | l <sub>2</sub>  | mm     | 1030            |
|                          | 4.21.1 | Overall width                                       | b <sub>1</sub>  | mm     | 800             |
|                          | 4.22   | Fork dimensions                                     | s/e/l           | mm     | 85 / 210 / 1150 |
|                          | 4.25   | Width across forks                                  | b <sub>5</sub>  | mm     | 580             |
|                          | 4.32   | Ground clearance centre of wheelbase                | m <sub>2</sub>  | mm     | 20              |
|                          | 4.34   | Aisle width (pallet 1000x1200 sideways)             | Ast             | mm     | 2480            |
|                          | 4.34.1 | Aisle width (pallet 800x1200 length)                | Ast             | mm     | 2490            |
|                          | 4.35   | Turning radius                                      | W <sub>a</sub>  | mm     | 1780            |
| Performance data         | 5.1    | Travel speed laden/unladen                          |                 | km/h   | 5.5 / 5.5       |
|                          | 5.2    | Lift speed laden/unladen                            |                 | m/s    | 0.07 / 0.15     |
|                          | 5.3    | Lowering speed laden/unladen                        |                 | m/s    | 0.25 / 0.25     |
|                          | 5.8    | Max. gradeability laden/unladen                     |                 | %      | 2 / 14          |
|                          | 5.10   | Service brake                                       |                 |        | generative      |
| E-motor/Electronics      | 6.1    | Drive motor, performance S2 60 min                  |                 | kW     | 1.6             |
|                          | 6.2    | Lift motor, performance with S3                     |                 | kW     | 3               |
|                          | 6.3    | Battery according to DIN 43531/35/36                |                 |        | DIN 43535 B     |
|                          | 6.4    | Battery voltage/nominal capacity                    |                 | V / Ah | 24 / 375        |
|                          | 6.5    | Battery weight                                      |                 | kg     | 288             |
|                          | 6.6    | Energy consumption according to VDI cycle           |                 | kWh/h  | 0               |
|                          | 6.6.1  | Energy consumption according to EN cycle            |                 | kWh/h  | 0.92            |
|                          | 6.6.2  | CO2 equivalent as per EN 16796                      |                 | kg/h   | 0.5             |

|                                                                                                                                                                                                   |      |                                            |        |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------|--------|----|
| Other                                                                                                                                                                                             | 8.1  | Type of drive control                      |        | AC |
|                                                                                                                                                                                                   | 10.7 | Sound level as per EN12053, operator's ear | dB (A) | 70 |
| - This data sheet according to VDI guideline 2198 only states the technical values of the standard truck. Different tyres, other masts, additional equipment etc. may result in different values. |      |                                            |        |    |

- 1.2: Values for standard mast type 290 ZT; 280 ZT and with battery as per line 6.5 (except for EJC 230) - 1.8: with DZ mast: x - 42 mm; l1 + 42 mm; l2 + 42 mm (except for EJC 230) - 1.9: for EJC 212/214/216 with L battery compartment (375 Ah) + 80 mm - 4.19: for EJC 212/214/216 with L battery compartment (375 Ah) + 80 mm - 4.19: for EJC 220 with DZ mast: x - 42 mm; l1 + 42 mm; l2 + 42 mm - 4.20: for EJC 212/214/216 with L battery compartment (375 Ah) + 80 mm - 4.20: for EJC 220 with DZ mast: x - 42 mm; l1 + 42 mm; l2 + 42 mm - 4.33: for EJC 212/214/216 with L battery compartment (375 Ah) + 80 mm - 4.33: Diagonal as per VDI: + 214 mm (except for EJC 230) - 4.34: for EJC 212/214/216 with L battery compartment (375 Ah) + 80 mm - 4.34: Diagonal as per VDI: + 138 mm (except for EJC 230) - 4.35: for EJC 212/214/216 with L battery compartment (375 Ah) + 80 mm - 4.35: Tiller in upright position (crawl speed) (except for EJC 230) - 6.1: 1.6 kW with option of electric steering (only EJC 212)

The German production facilities in  
Norderstedt, Moosburg and Landsberg  
are certified.

ISO 9001  
ISO 14001

Jungheinrich fork lift trucks meet  
European safety requirements.



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