

# STANDARD SPECIFICATIONS

|             |                    | Item                 | Summary                        | Unit                 |                 |                 |                 |                 |                 |                 |      |
|-------------|--------------------|----------------------|--------------------------------|----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------|
| Type        | 1.2                | Model                |                                |                      | FB10P           | FB15P           | FB18P           | FB20P           | FB25P           | FB30P           |      |
|             | 1.3                | Rated Capacity       |                                | Q kg                 | 1000            | 1500            | 1750            | 2000            | 2500            | 3000            |      |
|             | 1.4                | Load Center          |                                | C mm                 | 500             | 500             | 500             | 500             | 500             | 500             |      |
|             | 1.6                | Operator Type        | Stand-on / Seated              |                      | Seated          | Seated          | Seated          | Seated          | Seated          | Seated          |      |
| Dimensions  | 2.1                | Lift Height          |                                | H <sub>3</sub> +s mm | 3000            | 3000            | 3000            | 3000            | 3000            | 3000            |      |
|             | 2.2                | Free Lift            |                                | H <sub>2</sub> +s mm | 145             | 145             | 145             | 150             | 150             | 155             |      |
|             | 2.3                | Tilt Angle           | For-/Back-ward <F:Down/Up      | α/β deg.             | <Mast> 6 / 12   | <Mast> 6 / 12   | <Mast> 6 / 12   | <Mast> 6 / 12   | <Mast> 6 / 12   | <Mast> 6 / 12   |      |
|             | 2.4                | Fork                 | Carriage                       |                      | Class II        | Class II        | Class II        | Class II        | Class II        | Class III       |      |
|             | 2.5                |                      | Dimensions (L/W/T)             | ℓ/b/s mm             | 1070 / 100 / 35 | 1070 / 100 / 35 | 1070 / 100 / 35 | 1070 / 122 / 40 | 1070 / 122 / 40 | 1070 / 122 / 44 |      |
|             | 2.6                |                      | Spread (Max/Min)               | B <sub>5</sub> mm    | 900 / 200       | 900 / 200       | 900 / 200       | 1000 / 245      | 1000 / 245      | 1000 / 245      |      |
|             | 2.7                | Length               | OA. Length                     | L <sub>1</sub> mm    | 3070            | 3070            | 3110            | 3300            | 3385            | 3620            |      |
|             | 2.8                |                      | to Fork face                   | L <sub>2</sub> mm    | 2000            | 2000            | 2040            | 2230            | 2315            | 2550            |      |
|             | 2.9                | Width                | OA. Width                      | B mm                 | 1090            | 1090            | 1090            | 1175            | 1175            | 1180            |      |
|             | 2.10               | Height               | Mast lowered                   | H <sub>1</sub> mm    | 1980            | 1980            | 1980            | 1980            | 1980            | 2215            |      |
|             | 2.11               |                      | Mast extended                  | H <sub>4</sub> mm    | 4000            | 4000            | 4000            | 4000            | 4000            | 4000            |      |
|             | 2.12               |                      | Overhead Guard                 | H <sub>6</sub> mm    | 2110            | 2110            | 2110            | 2110            | 2110            | 2225            |      |
|             | 2.13               | Overhang             | Front overhang                 | x mm                 | 405             | 405             | 405             | 435             | 435             | 485             |      |
|             | 2.14               | Min. Turning Radius  |                                | Wa mm                | 1760            | 1760            | 1775            | 2020            | 2075            | 2315            |      |
|             | 2.15               | 90° Turning Aisle    | 1100 x 1100 Pallet             |                      | mm              | 1790            | 1790            | 1795            | 1925            | 1955            | 2045 |
|             | 2.16               | 90° Stacking Aisle   | 1100 x 1100 Pallet             | Ast                  | mm              | 3265            | 3265            | 3280            | 3555            | 3610            | 3900 |
| Performance | 3.1                | Travel Speed         | Laden / Unladen                | km/h                 | 13.0 / 15.0     | 13.0 / 15.0     | 12.5 / 15.0     | 13.0 / 15.0     | 12.5 / 14.5     | 12.5 / 14.5     |      |
|             | 3.3                | Lifting Speed        | Laden / Unladen                | mm/s                 | 350 / 540       | 320 / 540       | 310 / 540       | 280 / 470       | 260 / 470       | 240 / 410       |      |
|             | 3.4                | Lowering Speed       | Laden / Unladen                | mm/s                 | 500 / 500       | 500 / 500       | 500 / 500       | 500 / 500       | 500 / 500       | 500 / 500       |      |
|             | 3.5                | Max. Drawbar pull    | 3min. rating, 1.5km/h and over | N                    | 6160            | 7520            | 8320            | 8260            | 8350            | 7630            |      |
|             | 3.6                | Max. Gradeability    | 3min. rating, 1.5km/h and over | %                    | 17              | 17              | 17              | 14.5            | 12.5            | 10              |      |
|             | Mass               | 4.1                  | Service Weight                 | Incl. Battery (6.3)  | kg              | 2635            | 2850            | 3025            | 3570            | 4120            | 4625 |
| 4.2         |                    | Axle Loading         | Laden (Front/Rear)             | kg                   | 3035 / 600      | 3840 / 510      | 4175 / 600      | 4880 / 690      | 5690 / 930      | 6660 / 965      |      |
| 4.3         |                    |                      | Unladen (Front/Rear)           | kg                   | 1305 / 1330     | 1265 / 1585     | 1155 / 1870     | 1545 / 2025     | 1495 / 2625     | 1935 / 2690     |      |
| Chassis     | 5.1                | Tyres : Number       | Front/Rear (X=Drive)           |                      | 2X / 2          | 2X / 2          | 2X / 2          | 2X / 2          | 2X / 2          | 2X / 2          |      |
|             | 5.2                | Tyres                | Front                          | mm                   | 21X8-9-14PR     | 21X8-9-14PR     | 21X8-9-14PR     | 23X9-10-16PR    | 23X9-10-16PR    | 28X9-15-12PR    |      |
|             | 5.3                |                      | Rear                           | mm                   | 5.00-8-8PR      | 5.00-8-8PR      | 5.00-8-8PR      | 18X7-8-14PR     | 18X7-8-14PR     | 6.50-10-10PR    |      |
|             | 5.4                | Wheelbase            |                                | y mm                 | 1250            | 1250            | 1250            | 1400            | 1400            | 1600            |      |
|             | 5.5                | Tread                | Front                          | mm                   | 900             | 900             | 900             | 955             | 955             | 955             |      |
|             | 5.6                |                      | Rear                           | mm                   | 900             | 900             | 900             | 945             | 945             | 980             |      |
|             | 5.7                | Ground Clearance     | Min.                           | mm                   | 95              | 95              | 95              | 95              | 95              | 130             |      |
|             | 5.8                |                      | Middle of wheelbase            | F mm                 | 110             | 110             | 110             | 110             | 110             | 185             |      |
|             | 5.9                | Service Brake        | Mech./Hydr./Electr./Pneum.     |                      | Hydr.           | Hydr.           | Hydr.           | Hydr.           | Hydr.           | Hydr.           |      |
|             | 5.10               | Parking Brake        | Foot/Hand/Deadman              |                      | Hand            | Hand            | Hand            | Hand            | Hand            | Hand            |      |
| Motors      | 6.1                | Battery              | Type                           |                      | BS / JIS        | BS / JIS        | BS / JIS        | BS / JIS        | BS / JIS        | BS / JIS        |      |
|             | 6.2                |                      | Volts/Ampere hrs (5HR)         | V/Ah                 | 48 / 330        | 48 / 400        | 48 / 400        | 48 / 450        | 48 / 565        | 72 / 450        |      |
|             | 6.3                |                      | Mass (with case)               | kg                   | 560             | 640             | 640             | 710             | 815             | 1095            |      |
|             | 6.4                | Drive Motor          | 60min. rating                  | kw                   | 7.8             | 7.8             | 7.8             | 8.3             | 8.3             | 10.0            |      |
|             | 6.5                |                      | control                        |                      | FET             | FET             | FET             | FET             | FET             | FET             |      |
|             | 6.6                | Hydraulic Motor      | 5min. rating                   | kw                   | 8.2             | 8.2             | 9.6             | 9.6             | 9.6             | 12.7            |      |
|             | 6.7                |                      | control                        |                      | FET             | FET             | FET             | FET             | FET             | FET             |      |
|             | 6.8                | Power Steering Motor | 60min. rating                  | kw                   | 0.4             | 0.4             | 0.4             | 0.5             | 0.5             | 0.5             |      |
|             | 6.9                |                      | control                        |                      | FET             | FET             | FET             | FET             | FET             | FET             |      |
|             | 6.10               | Charger (option)     | Type (Built-in/Stationary)     |                      | Stationary      | Stationary      | Stationary      | Stationary      | Stationary      | Stationary      |      |
| 6.12        | Input              |                      | φ/V                            | 3 / 200              | 3 / 200         | 3 / 200         | 3 / 200         | 3 / 200         | 3 / 200         |                 |      |
| 6.13        | Capacity           |                      | kVA                            | 4.7                  | 6.5             | 6.5             | 6.5             | 8.1             | 12.0            |                 |      |
| 7.1         | Operating Pressure | for Attachments      | MPa                            | 13.7                 | 13.7            | 15.7            | 15.7            | 17.2            | 17.2            |                 |      |