



### ELECTRIC PNEUMATIC TIRE FORKLIFT

2,700-4,000 LB CAPACITY INTELLIGENCE AND AGILITY FOR YOUR OPERATION



# CAPABILITY + CONFIDENCE = PRODUCTIVITY

PROVIDING YOUR OPERATOR THE TOOLS AND FEATURES TO RAISE THE BAR



**On Demand Maneuverability:** Without sacrificing stability or residual capacity, the compact frame of the FB14N2T-FB20N2 model family allows for operation in tight locations. The 360 (degree) steering on 3-wheel units allows the operator to move in the opposite direction in one smooth motion and the dual drive 4-wheel steering and 100 (degree) steer arc provides smooth, agile maneuvering, including instant side turns without push-back.

#### **Intelligent Hydraulics:**

The load sensing hydraulic system automatically adjusts to the weight being handled by the truck, to maintain precise control to move the load with confidence. Additionally, the high spec masts and low friction sideshift help to minimize mast sway, twisting and noise.

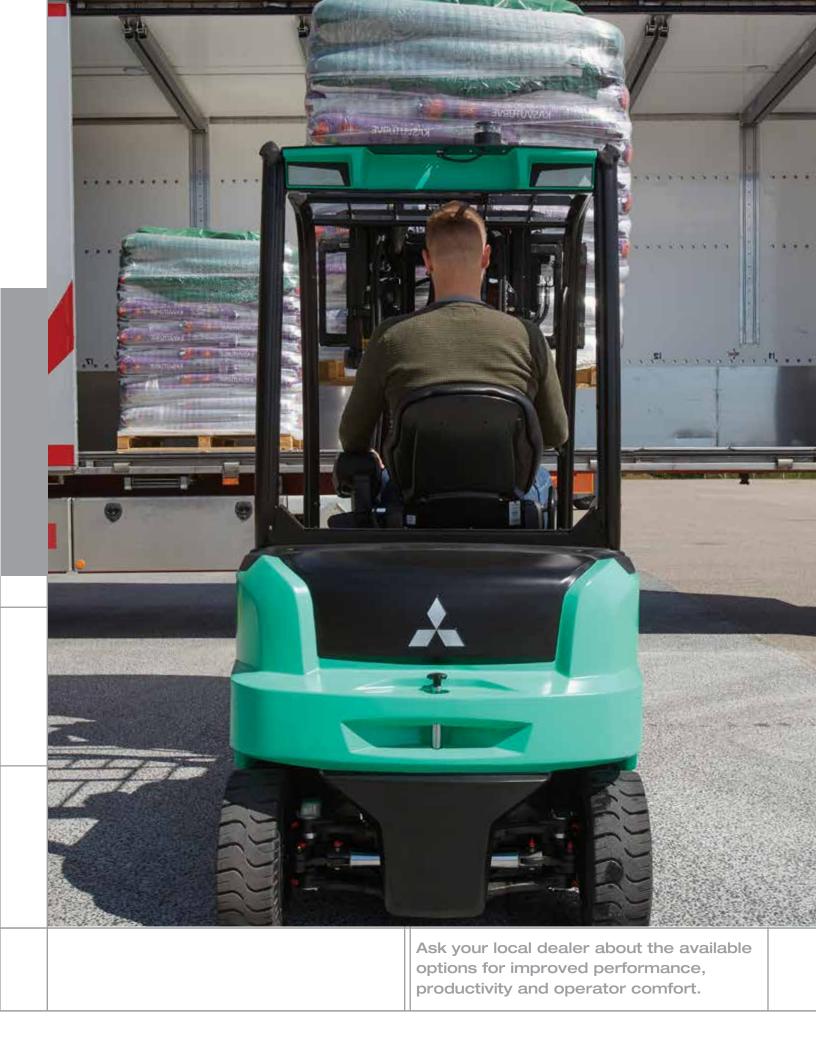
**Traveling with Ease:** The Responsive Drive System (RDS) adapts the performance of the truck rapidly during operation for smooth starts and stops and advanced Curve Control provides additional stability while cornering during travel. Additionally the truck can be set to ECO or PRO modes in order to meet the experience and performance levels of the the operator.

- Designed for optimal performance levels
- Intuitive controls for confident operation
- Maneuverability to operate efficiently in various environments

All come together to create a forklift that can elevate your operations.



\*Actual product may vary based on model, configuration selections and market.



## RELIABILITY THAT YOU CAN TRUST.

The FB14N2T-FB20N2 was designed with durability in its DNA. Knowing that a forklift is only good to you if it is running, these trucks are equipped with a number of standard features and available options to drive increased uptime.

#### **Easy To Service**

A number of standard features have been built into the design of these forklifts for added access to major components and increased uptime:

- 1,000 hour service intervals
- Standard lift/crane battery extraction for quick battery removal
- Maintenance free electromagnetic brakes reduce risk
   of brake dust and contamination





**From Carriage To Counterweight:** The FB14N2T-FB20N2 model family is designed with features to keep your trucks running, limiting downtime and lowering overall total cost of ownership.



Many details of the large operator compartment were designed knowing that this is the office space for forklift operators.

- The clear, informative full-color display allows for constant communication with the operator about the status of the truck during operation.
- Standard full suspension vinyl seat, that can be adjusted in multiple ways to suit different operators' sizes. The seat can also be upgraded installing the electronic fingertip control helping to improve the drive and hydraulic experience.
- The flat, decluttered floor of the operator compartment and the spacious footwell and ergonomically designed, lowprofile battery cover allows for ample room for a comfortable operation.



## FLEXIBILITY TO KEEP YOU MOVING.







| Features                           | Standard | Optional |
|------------------------------------|----------|----------|
| Intelligent curve control          | •        |          |
| Passive sway control               | •        |          |
| ECO/PRO performance modes          | •        |          |
| Multifunctional full-color display | •        |          |
| Hydraulic manual control           | •        |          |
| Full-suspension vinyl seat         | •        |          |
| Seat Switch Timeout (SST)          | •        |          |
| Backup handle with horn button     | •        |          |
| LED working lights                 | •        |          |
| (2 front, 1 rear)                  |          |          |
| Fingertip control                  |          | •        |
| Multiple cabin options             |          | •        |
| PIN access                         |          | •        |
| Drive-In rack                      |          | •        |
| Battery sideway extraction         |          | •        |

The FB14N2T-FB20N2 family models can be conveniently customized to better perform in different environments obtaining the maximum benefit in each work shift.

#### **Keeping You In Control**

- The optional Fingertip Controls are conveniently attached to the armrest, providing an intuitive control. In addition to the standard Lift/lower, tilt and sideshift, multiple functions can be added.
- The PIN code option provides personal access after starting up the truck using the start switch. 10 different codes can be assigned through the software.
- The sideway battery extraction option can help to reduce downtime keeping productivity as a priority. A battery tray, sideway exchange tool and a T-Bar stand are available to improve this operation.
- Multiple cabin options are available to adapt these models to a variety of applications, including but not limited to, cold storage and freezer applications.

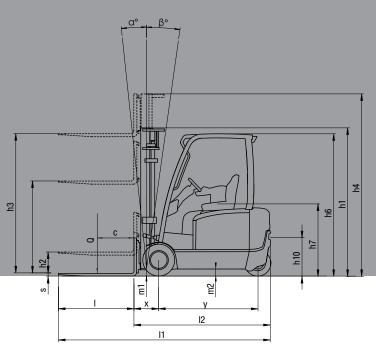
|          | CHARACTERISTICS   |       |                     |               | FB14N2T   |               | FB16CN2T           |               | FB18CN2T           |  |
|----------|---|-------|---------------------|---------------|---|---------------|--------------------|---------------|--------------------|--|
| 1        | Power source: (battery, diesel, LP gas, petrol)                                   |       | Electric            |               | Electric  |               | Electric           |               |                    |  |
| 2        | Operator type: pedestrian, (operator)-standing, -seated                           |       |                     |               | ated  |               | ated               | Seated        |                    |  |
| 3        | Load capacity Q   | lb    | kg                  | 2,700         | 1,250   | 3,000         | 1,425              | 3,500         | 1,600              |  |
| 4        | Load center distance c  | -     | mm                  | 24            | 600   | 24            | 600                | 24            | 600                |  |
| 5        | Load distance, axle to fork face x  | in    | mm                  | 13.5          | 343   | 13.5          | 343                | 13.5          | 343                |  |
| 6        | Wheelbase y   | in    | mm                  | 52            | 1,320   | 52            | 1,320              | 52            | 1,320              |  |
|          | WEIGHT  |       |                     |               |   |               |                    |               |                    |  |
| 7        | Truck weight, without load / incl. battery (simplex mast, lowest lift height)     | lb    | kg                  | 6,150         | 2,790   | 6,539         | 2,966              | 6,957         | 3,156              |  |
| 8        | Axle loading with maximum load, front / rear (simplex mast, lowest lift height)   | lb    | kg                  | 8,130 / 1,106 | 3,688 / 502   | 8,851 / 1,214 | 4,015/551          | 9,592 / 1,333 | 4,351 / 605        |  |
| 9        | Axle loading without load, front / rear (simplex mast, lowest lift height)        | lb    | kg                  | 3,073 / 3,077 | 1,394 / 1,396                                       | 3,071 / 3,467 | 1,393 / 1,573      | 3,088 / 3,867 | 1,401 / 1,754      |  |
|          | WHEELS, DRIVE TRAIN   |       |                     |               |   |               |                    |               |                    |  |
| 10       | Tires: V=solid, L=pneumatic, SE=solid pneumatic - front / rear                    |       |                     | SE            |   |               | E                  |               | E                  |  |
| 11       | Tire dimensions, front  |       |                     |               | 18 × 7-8  |               | 18 × 7-8           |               | < 7-8              |  |
| 12       | Tire dimensions, rear   |       |                     | 140 / 55-9    |   | 140 / 55-9    |                    | 140 / 55-9    |                    |  |
| 13       | Number of wheels, front / rear (x=driven)   | т. —  |                     | 1             | 2</td <td></td> <td>:/2</td> <td></td> <td>:/2</td> |               | :/2                |               | :/2                |  |
| 14<br>15 | Truck width (center of tires), front b <sub>10</sub>                              | in    | mm                  | 36.6          | 930   | 36.6          | 930                | 36.6          | 930<br>174         |  |
| 15       | Truck width (center of tires), rear b <sub>11</sub><br>DIMENSIONS                 | in    | тт                  | 6.8           | 174   | 6.8           | 174                | 6.8           | 174                |  |
| 16       | Mast tilt, forwards / backwards $\alpha/\beta$                                    | da    | arooo               | 5.            | 7.5   | 5             | 7.5                | E /           | 7.5                |  |
| 17       | Height with mast lowered (see tables) h,  | in    | grees<br>mm         | 83.6          | 2,125   | 83.6          | 21,25              | 83.6          | 2,125              |  |
| 18       | Free lift (see tables) h <sub>1</sub>   | in    | mm                  | 3.1           | 80  | 3.1           | 80                 | 3.1           | 80                 |  |
| 19       | Lift height (see tables) $h_2$  | in    | mm                  | 129.5         | 3,290   | 129.5         | 3,290              | 129.5         | 3,290              |  |
| 20       | Overall height with mast raised h <sub>3</sub>                                    | in    | mm                  | 129.5         | 4,335   | 129.5         | 4,335              | 129.5         | 4,335              |  |
| 21       | Height to top of overhead guard h <sub>e</sub>                                    | in    | mm                  | 80.7          | 2,050   | 80.7          | 2,050              | 80.7          | 2,050              |  |
| 22       | Seat height h <sub>2</sub>  | in    | mm                  | 40.7          | 1,035   | 40.7          | 1,035              | 40.7          | 1,035              |  |
| 23       | Tow coupling height h.  | in    | mm                  | 21.2          | 540   | 21.2          | 540                | 21.2          | 540                |  |
| 24       | Overall length  | in    | mm                  | 117.9         | 2,996   | 117.9         | 2,996              | 117.9         | 2,996              |  |
| 25       | Length to fork face (includes fork thickness)                                     | in    | mm                  | 72.6          | 1,846   | 72.6          | 1,846              | 72.6          | 1,846              |  |
| 26       | Overall width b./b.   | in    | mm                  | 42.9          | 1,090   | 42.9          | 1,090              | 42.9          | 1,090              |  |
| 27       | Fork dimensions (thickness, width, length) s / e / l                              | in    | mm                  |               | 35× 100 × 1,150                                     | -             | 35 × 100 × 1,150   |               | 35 × 100 × 1,150   |  |
| 28       | Fork carriage to DIN 15 173 A/B/no  |       | -1                  |               | 2A  |               | A                  |               | A                  |  |
| 29       | Fork carriage width b,  | in    | mm                  | 36.2          | 920   | 36.2          | 920                | 36.2          | 920                |  |
| 30       | Ground clearance under mast, with load m,   | in    | mm                  | 3.7           | 95  | 3.7           | 95                 | 3.7           | 95                 |  |
| 31       | Ground clearance at center of wheelbase, with load (forks lowered) m <sub>2</sub> | in    | mm                  | 3.7           | 95  | 3.7           | 95                 | 3.7           | 95                 |  |
| 32       | Working aisle width with 1000 × 1200 mm pallets, crosswise Ast                    | in    | mm                  | 124.9         | 3,173   | 124.9         | 3,173              | 124.9         | 3,173              |  |
| 33       | Working aisle width with 800 $\times$ 1200 mm pallets, lengthwise Ast             | in    | mm                  | 129.7         | 3,296   | 129.7         | 3,296              | 129.7         | 3,296              |  |
| 34       | Turning circle radius Wa  | in    | mm                  | 59.1          | 1,502   | 59.1          | 1,502              | 59.1          | 1,502              |  |
| 35       | Minimum distance between centers of rotation b <sub>13</sub>                      | in    | mm                  | 0             | 0   | 0             | 0                  | 0             | 0                  |  |
|          | PERFORMANCE   |       |                     |               | 10.110  |               | 10 (10             |               | 10.110             |  |
| 36       | Travel speed, with / without load   | mph   | km/h                | 9.9 / 9.9     | 16/16   | 9.9 / 9.9     | 16/16              | 9.9 / 9.9     | 16/16              |  |
| 37       | Lifting speed, with / without load  | f/s   | m/s                 | 1.8 / 2.0     | 0.55/0.62   | 1.7 / 2.0     | 0.52/0.62          | 1.5 / 2.0     | 0.46/0.62          |  |
| 38       | Lowering speed, with / without load   | f/s   | <i>m/s</i>          | 1.8 / 1.8     | 0.56/0.56   | 1.8 / 1.8     | 0.56/0.56          | 1.8 / 1.8     | 0.56/0.56          |  |
| 39       | Rated drawbar pull, with / without load   |       | N                   | 4,900 / 5,200 |   | 4,900 / 5,200 |                    | 4,800 / 5,100 |                    |  |
| 40<br>41 | Maximum drawbar pull, with / without load (5 min short duty)                      |       | N                   | 1             | / 15,300  |               | / 15,200           |               | / 15,200           |  |
| 41       | Gradeability, with / without load<br>Maximum gradeability, with / without load    | · · · | degree)<br>degree)  | 9/14          | 16 / 26<br>27 / 35                                  | 8/14          | 15 / 25<br>27 / 35 | 7/12          | 13 / 23<br>26 / 35 |  |
| 42       | Acceleration time (10 metres) with / without load                                 | 70 (  | <b>degree)</b><br>s | 15/19         | / 3.8   | 15 / 19       | / 3.8              | 14/19         | / 3.8              |  |
| 44       | Service brakes (mechanical / hydraulic / electric / pneumatic)                    |       | 3                   |               | 7 3.0<br>ctric                                      |               | 7 3.0<br>ctric     |               | r s.o              |  |
|          | ELECTRIC MOTORS   |       |                     | ele           |   | elet          |                    | elet          |                    |  |
| 45       | Drive motor capacity (60 min. short duty)   |       | kW                  | 2,            | < 5.5   | 2 -           | 5.5                | 2 -           | 5.5                |  |
| 46       | Lift motor output at 15% duty factor  | -     | kW                  | 1             | 10  |               | 0                  |               | 0                  |  |
| 47       | Battery to DIN 43 531 / 35 / 36 A/B/C/no  | •     |                     |               | 531 A/no  |               | 531 A/no           |               | 5<br>531 A/no      |  |
| 48       | Battery voltage/capacity at 6-hour discharge                                      | Ah    | V                   | 1             | -625  |               | -625               |               | -625               |  |
| 49       | Battery weight  | lb    | kg                  | 1,497         | 679   | 1,497         | 679                | 1,497         | 679                |  |
| 50       | ,   |       | Wh/h                | • , ·         |   | 3.9           |                    |               | .2                 |  |
|          | MISCELLANEOUS   |       |                     |               |   |               |                    |               |                    |  |
| 51       | Type of drive control   |       |                     |               | AC  | A             | C                  | A             | C                  |  |
| 52       | Maximum operating pressure for attachments  |       | bar                 | 2             | 10  | 2             | 10                 | 2             | 10                 |  |
| 53       | Oil flow for attachments  | 1     | /min                | :             | 30  | 3             | 80                 | 3             | 80                 |  |
| 54       | Towing coupling design / DIN type, ref.   |       |                     | DIN1          | 5170-H  | DIN15         | і170-Н             | DIN15         | i170-Н             |  |
|          |   |       |                     |               |   |               |                    |               |                    |  |

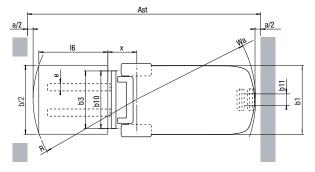
#### SAFETY STANDARDS

These trucks meet American National Standards Institute/Industrial Truck Standards Development Foundation, ANSI/ITSDF B56.1. UL-Classified by Underwriters Laboratories, Inc., as to fire and electric shock hazard only; Type E, EE (optional), Industrial Trucks. Users should be aware of, and adhere to, applicable codes and regulations regarding operator training, use, operation and maintenance of powered industrial trucks, including:

ANSI/ITSDF B56.1.
NFPA 505, fire safety standard for powered industrial trucks -type designations, areas of use, maintenance and operation.
Occupational Safety and Health Administration (OSHA) regulations that may apply.
Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

|                            | ED1                       | TCIA                       | ED10                    | TONOT               | EBOO                      | NOT              |  |  |
|----------------------------|---------------------------|----------------------------|-------------------------|---------------------|---------------------------|------------------|--|--|
| 1                          |                           | 5N2T                       |                         | BN2T                | FB20N2T                   |                  |  |  |
| 2                          |                           | ctric<br>nted              |                         | tric<br>ted         | Electric<br>Seated        |                  |  |  |
| 3                          | 3,000                     | 1,425                      | 3,500                   | 1,600               | 4,000                     | 1,800            |  |  |
| 4                          | 24                        | 600                        | 24                      | 600                 | 24                        | 600              |  |  |
| 5                          | 13.5                      | 343                        | 13.5                    | 343                 | 13.5                      | 358              |  |  |
| 6                          | 56.2                      | 1,428                      | 56.2                    | 1,428               | 56.2                      | 1,428            |  |  |
| 0                          | 30.2                      | 1,420                      | 30.2                    | 1,420               | J0.2                      | 1,420            |  |  |
| 7                          | 6,501                     | 2,949                      | 6,876                   | 3,119               | 7,367                     | 3,342            |  |  |
| 8                          | 8,862 / 1,166             | 4,020 / 529                | 9,552 / 1,291           | 4,333 / 586         | 10,385 / 1,391            | 4,711/631        |  |  |
| 9                          | 3,254 / 3,249             | 1,476 / 1,474              | 3.242 / 3.635           | 1,471 / 1,649       | 3,326 / 4,041             | 1,509 / 1,833    |  |  |
| 0                          | 3,234/3,243               | 1,1107 1,111               | 3,242 / 3,033           | 1, 11 1 1,010       | 3,3207 4,041              | 1,000 / 1,000    |  |  |
| 10                         | S                         | E                          | S                       | E                   | SE                        |                  |  |  |
| 11                         |                           | -<br>: 7-8                 |                         | -<br>: 7-8          | 200 / 5                   |                  |  |  |
| 12                         |                           | 55-9                       |                         | 55-9                | 140 / 55-9                |                  |  |  |
| 13                         |                           | :/2                        |                         | /2                  | 2 × / 2                   |                  |  |  |
| 14                         | 36.6                      | 930                        | 36.6                    | 930                 | 36.9                      | 938              |  |  |
| 15                         | 6.8                       | 174                        | 6.8                     | 174                 | 6.8                       | 174              |  |  |
|                            |                           |                            |                         |                     |                           |                  |  |  |
| 16                         | 5 /                       | 7.5                        | 5/                      | 7.5                 | 5/7.5                     |                  |  |  |
| 17                         | 83.6                      | 2,125                      | 83.6                    | 2,125               | 83.6                      | 2,125            |  |  |
| 18                         | 3.1                       | 80                         | 3.1                     | 80                  | 3.1                       | 80               |  |  |
| 19                         | 129.5                     | 3,290                      | 129.5                   | 3,290               | 129.5                     | 3,290            |  |  |
| 20                         | 170.6                     | 4,335                      | 170.6                   | 4,335               | 170.6                     | 4,335            |  |  |
| 21                         | 80.7                      | 2,050                      | 80.7                    | 2,050               | 80.7                      | 2,050            |  |  |
| 22                         | 40.7                      | 1,035                      | 40.7                    | 1,035               | 40.7                      | 1,035            |  |  |
| 23                         | 21.2                      | 540                        | 21.2                    | 540                 | 21.2                      | 540              |  |  |
| 24                         | 122.2                     | 3,104                      | 122.2                   | 3,104               | 122.8                     | 3,119            |  |  |
| 25                         | 76.9                      | 1,954                      | 76.9                    | 1,954               | 77.5                      | 1,969            |  |  |
| 26                         | 42.9                      | 1,090                      | 42.9                    | 1,090               | 44.8                      | 1,140            |  |  |
| 27                         | 1.3 x 3.9 x 45.2          | 35 × 100 × 1,150           | 1.3 x 3.9 x 45.2        | 35 × 100 × 1,150    | 1.3 x 3.9 x 45.2          | 35 × 100 × 1,150 |  |  |
| 28                         | 2                         | A                          | 2                       | A                   | 2/                        | ١                |  |  |
| 29                         | 36.2                      | 920                        | 36.2                    | 920                 | 36.2                      | 920              |  |  |
| 30                         | 3.7                       | 95                         | 3.7                     | 95                  | 3.7                       | 95               |  |  |
| 31                         | 3.7                       | 95                         | 3.7                     | 95                  | 3.7                       | 95               |  |  |
| 32                         | 129.1                     | 3,281                      | 129.1                   | 3,281               | 129.7                     | 3,295            |  |  |
| 33                         | 134.0                     | 3,404                      | 134.0                   | 3,404               | 134.6                     | 3,419            |  |  |
| 34                         | 63.3                      | 1,610                      | 63.3                    | 1,610               | 63.3                      | 1,610            |  |  |
| 35                         | 0                         | 0                          | 0                       | 0                   | 0                         | 0                |  |  |
|                            |                           |                            |                         |                     |                           |                  |  |  |
| 36                         | 9.9 / 9.9                 | 16/16                      | 9.9 / 9.9               | 16/16               | 9.9 / 9.9                 | 16/16            |  |  |
| 37                         | 1.7 / 2.0                 | 0.52/0.62                  | 1.5 / 2.0               | 0.46 / 0.62         | 2.0 / 1.3                 | 0.62/0.42        |  |  |
| 38                         | 1.8 / 1.8                 | 0.56/0.56                  | 1.8 / 1.8               | 0.56 / 0.56         | 1.8 / 1.8                 | 0.56/0.56        |  |  |
| 39                         |                           | / 5,200                    | 4,800                   |                     | 4,700 / 5,100             |                  |  |  |
| 40                         |                           | / 15,200                   |                         | / 15,200            | 14,800 /                  |                  |  |  |
| 41                         | 8 / 14                    | 15/25                      | 7/12                    | 13/23               | 6/11                      | 12/21            |  |  |
| 42                         | 15 / 19                   | 27/35                      | 14 / 19                 | 26/35               | 13 / 19                   | 24/35            |  |  |
| 43                         |                           | / 3.8                      |                         | / 3.8               | 4.3 /                     |                  |  |  |
| 44                         | elec                      | ctric                      | elec                    | stric               | elec                      | tric             |  |  |
| 45                         | _                         |                            | -                       |                     | _                         |                  |  |  |
| 45                         | -                         | 5.5                        | 2 × 5.5                 |                     | 2 ×                       |                  |  |  |
| 46                         |                           | 0                          |                         | 0                   | 10                        |                  |  |  |
| 17                         | DIN 43531 A/no<br>625-750 |                            | DIN 435                 |                     | DIN 43531 A/no<br>625-750 |                  |  |  |
|                            |                           | - <b>750</b><br><i>812</i> |                         | - <b>750</b><br>812 |                           |                  |  |  |
| 47<br>48<br>40             |                           |                            | <b>1,790</b> <i>812</i> |                     | <b>1,790</b> <i>812</i>   |                  |  |  |
| 48<br>49                   | 1,790                     |                            |                         |                     | 4.5                       |                  |  |  |
| 48<br>49                   | 1,790                     | .9                         | 4                       | .2                  | 4.                        | J                |  |  |
| 48<br>49<br>50             | 1,790<br>3                | .9                         |                         |                     |                           |                  |  |  |
| 48<br>49<br>50<br>51       | 1,790<br>3                | .9<br>.C                   | A                       | C                   | A                         | ;                |  |  |
| 48<br>49<br>50<br>51<br>52 | 1,790<br>3<br>A<br>2      | .9<br>.C<br>10             | A                       | C<br>10             | A(                        | ;<br>0           |  |  |
| 48<br>49<br>50<br>51       | 1,790<br>3<br>A<br>2<br>3 | .9<br>.C                   | A<br>2<br>3             | C                   | A                         | ;<br>0<br>)      |  |  |





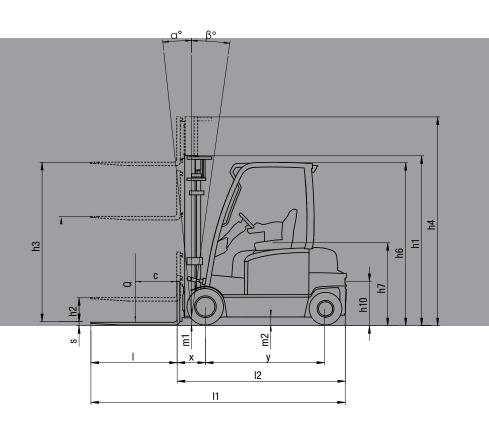
Note: Equipping this model (these models) with a power source (e.g. Lithium-ion, Hydrogen Fuel cell, etc.) that has not been previously approved by the factory is considered a modification. Per OSHA 1910.178 and ANSI/ITSDF B56.1, please consult with your factory representative prior to installing any non-OEM power source that has not been previously approved.

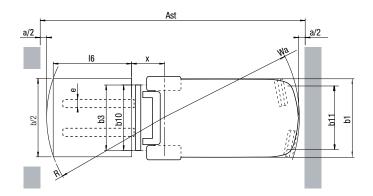
|          | CHARACTERISTICS   |                                |          |          | EB16                | SCN2             | EB1                 | BCN2                                      | EB1                | 6N2           |
|----------|---|--------------------------------|----------|----------|---------------------|------------------|---------------------|---|--------------------|---------------|
| 1        | CHARACTERISTICS<br>Power source: (battery, diesel, LP gas, petrol)  |                                |          |          | FB16CN2<br>Electric |                  | FB18CN2<br>Electric |   | FB16N2             |               |
| 2        |   |                                |          |          | Sea                 |                  |                     | ated                                      | Electric<br>Seated |               |
| 3        | Load capacity   | Q                              | lb       | kg       | 3,000               | 1,425            | 3,500               | 1,600                                     | 3,000              | 1,425         |
| 4        | Load center distance  | C                              | in       | mm       | 24                  | 600              | 24                  | 600                                       | 24                 | 600           |
| 5        | Load distance, axle to fork face  | x                              | in       | mm       | 14                  | 343              | 14                  | 343                                       | 14                 | 343           |
| 6        | Wheelbase   | y                              | in       | mm       | 55                  | 1,394            | 55                  | 1,394                                     | 59                 | 1,502         |
| 0        | WEIGHT  | y                              |          |          |                     | 1,001            | 30                  | 1,001                                     | - 39               | 1,002         |
| 7        | Truck weight, without load / incl, battery (simplex mast, lowest lift height)   |                                | lb       | kg       | 6,490               | 2,944            | 6,865               | 3,114                                     | 6,519              | 2,957         |
| 8        | Axle loading with maximum load, front / rear (simplex mast, lowest lift he  |                                | lb       | kg       | 8,796 / 1,221       | 3,990 / 554      | 9,504 / 1,329       | 4,311/603                                 | 8,836 / 1,212      | 4,008 / 550   |
| 9        | Axle loading without load, front / rear (simplex mast, lowest lift height)  | , ign y                        | lb       | kg       | 3,134 / 3,355       | 1,422 / 1,522    | 3,134 / 3,730       | 1,422 / 1,692                             | 3,328 / 3,192      | 1,510 / 1,448 |
| -        | WHEELS, DRIVE TRAIN   |                                | 15       | 5        | 0,1047 0,000        | , , , , , ,      | 0,1047 0,100        | , , , , , , ,                             | 0,02070,102        | ,,            |
| 10       | Tires: V=solid, L=pneumatic, SE=solid pneumatic - front / rear  |                                |          |          | S                   | E                | S                   | )E  | s                  | E             |
| 11       | Tire dimensions, front  |                                |          |          | 18 × 7-8            |                  | 18 × 7-8            |   | 18 ×               | 7-8           |
| 12       | Tire dimensions, rear   |                                |          |          | 16 × 6-8            |                  | 16 × 6-8            |   | 16 ×               |               |
| 13       | Number of wheels, front / rear (x=driven)   |                                |          |          | 2 ×                 | /2               | 2×/2                |   | 2 × / 2            |               |
| 14       | Truck width (center of tires), front  | b <sub>10</sub>                | in       | mm       | 36.6                | 930              | 36.6                | 930                                       | 36.6               | 930           |
| 15       | Truck width (center of tires), rear   | b <sub>11</sub>                | in       | mm       | 35.3                | 898              | 35.3                | 898                                       | 35.3               | 898           |
|          | DIMENSIONS  |                                |          |          |                     |                  |                     |   |                    |               |
| 16       | Mast tilt, forwards / backwards   | $\alpha/\beta$                 | deg      | rees     | 5/                  | 7.5              | 5/                  | 7.5                                       | 5/                 | 7.5           |
| 17       | Height with mast lowered (see tables)   | h <sub>1</sub>                 | in       | mm       | 83.6                | 2,125            | 83.6                | 2,125                                     | 83.6               | 2,125         |
| 18       | Free lift (see tables)  | h <sub>2</sub>                 | in       | mm       | 3.1                 | 80               | 3.1                 | 80  | 3.1                | 80            |
| 19       | Lift height (see tables)  | h <sub>3</sub>                 | in       | mm       | 129.5               | 3,290            | 129.5               | 3,290                                     | 129.5              | 3,290         |
| 20       | Overall height with mast raised   | h <sub>4</sub>                 | in       | mm       | 170.6               | 4,335            | 170.6               | 4,335                                     | 170.6              | 4,335         |
| 21       | Height to top of overhead guard   | h <sub>6</sub>                 | in       | mm       | 80.7                | 2,050            | 80.7                | 2,050                                     | 80.7               | 2,050         |
| 22       | Seat height   | h <sub>7</sub>                 | in       | mm       | 40.7                | 1,035            | 40.7                | 1,035                                     | 40.7               | 1,035         |
| 23       | Tow coupling height   | h <sub>10</sub>                | in       | mm       | 20.4                | 520              | 20.4                | 520                                       | 20.4               | 520           |
| 24       | Overall length  | l,                             | in       | mm       | 124.1               | 3,152            | 124.1               | 3,152                                     | 128.3              | 3,260         |
| 25       | Length to fork face (includes fork thickness)   | ا <sub>2</sub>                 | in       | mm       | 78.8                | 2,002            | 78.8                | 2,002                                     | 83.1               | 2,110         |
| 26       |   | b <sub>1</sub> /b <sub>2</sub> | in       | mm       | 42.9                | 1,090            | 42.9                | 1,090                                     | 42.9               | 1,090         |
| 27       |   | /e/l                           | in       | mm       |                     | 1                |                     | 35 × 100 × 1,150                          |                    |               |
| 28       | Fork carriage to DIN 15 173 A/B/no  | - 1                            |          |          |                     | <b>A</b>         |                     | <b>A</b>                                  | 2                  | -             |
| 29       | Fork carriage width   | b <sub>3</sub>                 | in       | mm       | 36.2                | 920              | 36.2                | 920                                       | 36.2               | 920<br>95     |
| 30<br>31 | Ground clearance under mast, with load  | m <sub>1</sub>                 | in       | mm       | 3.7                 | 95               | 3.7                 | 95<br>95                                  | 3.7                | 95<br>95      |
| 31       | Ground clearance at center of wheelbase, with load (forks lowered)<br>Working aisle width with $1,000 \times 1,200$ mm pallets, crosswise | m <sub>2</sub><br>Ast          | in       | mm<br>mm | 3.7                 | 95<br>3,333      | 3.7                 | 3,333                                     | 3.7                | 95<br>3,441   |
| 33       | Working alse width with $800 \times 1,200$ mm pallets, closswise  | Ast                            | in<br>in | mm       | 131.2<br>136.1      | 3,456            | 131.2<br>136.1      | 3,456                                     | 135.4<br>140.3     | 3,564         |
| 34       | Turning circle radius   | Wa                             | in       | mm       | 65.4                | 1,662            | 65.4                | 1,662                                     | 69.6               | 1,770         |
| 35       | Minimum distance between centers of rotation  | b <sub>10</sub>                | in       | mm       | 0.4                 | 0                | 0                   | 0   | 09.0               | 0             |
| 00       | PERFORMANCE   | 13                             |          |          | 0                   | Ū                | 0                   | 0   | U                  | 0             |
| 36       | Travel speed, with / without load   |                                | mph      | km/h     | 10.5 / 10.5         | 17/17            | 10.5 / 10.5         | 17/17                                     | 10.5 / 10.5        | 17/17         |
| 37       | Lifting speed, with / without load  |                                | f/s      | m/s      | 1.7 / 2.0           | 0.52/0.62        | 1.5 / 2.0           | 0.46 / 0.62                               | 1.7 / 2.0          | 0.52/0.62     |
| 38       | Lowering speed, with / without load   |                                | f/s      | m/s      | 1.8 / 1.8           | 0.56 / 0.56      | 1.8 / 1.8           | 0.56 / 0.56                               | 1.8 / 1.8          | 0.56 / 0.56   |
| 39       | Rated drawbar pull, with / without load   |                                | I        | N        | 4,900               | / 5,200          | 4,800               | / 5,100                                   | 4,900              | / 5,200       |
| 40       | Maximum drawbar pull, with / without load (5 min short duty)  |                                | I        | N        | 14,900              | / 15,200         | 14,900              | / 15,200                                  | 15,000             | / 15,300      |
| 41       | Gradeability, with / without load   |                                | % (de    | egree)   | 15 / 25             | 8/14             | 14 / 23             | 7/12                                      | 15 / 26            | 8/14          |
| 42       | Maximum gradeability, with / without load   |                                | % (de    | egree)   | 27 / 35             | 15/19            | 26 / 35             | 14/19                                     | 27 / 35            | 15/19         |
| 43       | Acceleration time (10 metres) with / without load   |                                |          | S        | 4.1                 | / 3.8            | 4.2                 | / 3.8                                     | 4.0                | / 3.8         |
| 44       | Service brakes (mechanical / hydraulic / electric / pneumatic)  | _                              |          |          | elec                | ctric            | elec                | ctric                                     | elec               | tric          |
|          | ELECTRIC MOTORS   |                                |          |          |                     |                  |                     |   |                    |               |
| 45       | Drive motor capacity (60 min. short duty)   |                                |          | W        |                     | 5.5              |                     | 5.5                                       |                    | 5.5           |
| 46       | Lift motor output at 15% duty factor  |                                | k        | W        |                     | 0                |                     | 0   |                    | 0             |
| 47       | Battery to DIN 43 531 / 35 / 36 A/B/C/no  |                                |          |          |                     | i31 A/no         |                     | 531 A/no                                  |                    | 31 A/no       |
| 48       | Battery voltage/capacity at 6-hour discharge  |                                | Ah       | V        |                     | -625             |                     | -625                                      |                    | • <b>750</b>  |
| 49       | Battery weight  |                                | lb       | kg       | 1,497               | 679              | 1,497               | 679                                       | 1,497              | 679           |
| 50       | Energy consumption according to EN 16796<br>MISCELLANEOUS   |                                | ĸW       | h/h      | 3                   | .9               | 4                   | .2  | 3                  | 9             |
| 51       | Type of drive control   |                                |          |          |                     | C                |                     | le la |                    | C             |
| 52       | Maximum operating pressure for attachments  |                                | h        | ar       |                     | . <u>C</u><br>10 |                     | <u>IC</u><br>10                           |                    | C<br>10       |
| 53       | Oil flow for attachments  |                                |          | ar       |                     | 0                |                     | 10<br>80                                  |                    | 0             |
| 54       | Towing coupling design / DIN type, ref.   |                                | 1/1      | nin      |                     | i170-H           |                     | ы<br>5170-Н                               |                    | о<br>170-Н    |
| 01       |   |                                |          |          | DINTS               |                  |                     |   |                    |               |

#### SAFETY STANDARDS

These trucks meet American National Standards Institute/Industrial Truck Standards Development Foundation, ANSI/ITSDF B56.1. UL-Classified by Underwriters Laboratories, Inc., as to fire and electric shock hazard only; Type E, EE (optional), Industrial Trucks. Users should be aware of, and adhere to, applicable codes and regulations regarding operator training, use, operation and maintenance of powered industrial trucks, including:
ANSI/ITSDF B56.1.
NFPA 505, fire safety standard for powered industrial trucks -type designations, areas of use, maintenance and operation.
Occupational Safety and Health Administration (OSHA) regulations that may apply.
Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

|          | FB1           | 8N2                                 | FRO                  | 2010                         |  |  |  |
|----------|---------------|-------------------------------------|----------------------|------------------------------|--|--|--|
| 1        |               | tric                                | FB20N2<br>Electric   |                              |  |  |  |
| 2        | Sea           |                                     | Seated               |                              |  |  |  |
| 3        | 3,500         | 1,600                               | 4,000                | 1,800                        |  |  |  |
| 4        | 24            | 600                                 | 24                   | 600                          |  |  |  |
| 5        | 14            | 343                                 | 14                   | 358                          |  |  |  |
| 6        | 59            | 1,502                               | 59                   | 1,502                        |  |  |  |
|          |               |                                     |                      |                              |  |  |  |
| 7        | 6,827         | 3,097                               | 7,246                | 3,287                        |  |  |  |
| 8<br>9   | 9,468 / 1,329 | <i>4,295 / 603</i><br>1,484 / 1,613 | 10,291 / 1,366       | 4,668 / 620<br>1,525 / 1,762 |  |  |  |
| 9        | 3,271 / 3,556 | 1,404 / 1,013                       | 3,362 / 3,884        | 1,0207 1,702                 |  |  |  |
| 10       | s             | E                                   | SE                   |                              |  |  |  |
| 11       |               | -<br>: 7-8                          | 200 / 50-10          |                              |  |  |  |
| 12       |               | : 6-8                               |                      | < 6-8                        |  |  |  |
| 13       | 2 ×           | /2                                  | 2 >                  | «/2                          |  |  |  |
| 14       | 36.6          | 930                                 | 36.9                 | 938                          |  |  |  |
| 15       | 35.3          | 898                                 | 35.3                 | 898                          |  |  |  |
| 1.6      |               |                                     |                      |                              |  |  |  |
| 16       | 5/            |                                     |                      | 7.5                          |  |  |  |
| 17       | 83.6          | 2,125                               | 83.6                 | 2,125                        |  |  |  |
| 18<br>19 | 3.1           | 80<br>3.290                         | 3.1                  | 80<br>3,290                  |  |  |  |
| 20       | 129.5         | -,                                  | 129.5                | · · · ·                      |  |  |  |
| 20       | 170.6<br>80.7 | 4,335<br>2,050                      | 170.6                | <i>4,335</i><br><i>2,050</i> |  |  |  |
| 22       | 40.7          | 1,035                               | 80.7<br>40.7         | 1,035                        |  |  |  |
| 23       | 20.4          | 520                                 | 20.4                 | 520                          |  |  |  |
| 24       | 128.3         | 3,260                               | 128.9                | 3,275                        |  |  |  |
| 25       | 83.1          | 2,110                               | 83.6                 | 2,125                        |  |  |  |
| 26       | 42.9          | 1,090                               | 44.8                 | 1,140                        |  |  |  |
| 27       |               | 35 × 100 × 1,150                    |                      | 35 × 100 × 1,150             |  |  |  |
| 28       |               | A                                   |                      | 2A                           |  |  |  |
| 29       | 36.2          | 920                                 | 36.2                 | 920                          |  |  |  |
| 30       | 3.7           | 95                                  | 3.7                  | 95                           |  |  |  |
| 31       | 3.7           | 95                                  | 3.7                  | 95                           |  |  |  |
| 32       | 135.4         | 3,441                               | 136.0                | 3,455                        |  |  |  |
| 33       | 140.3         | 3,564                               | 140.9                | 3,579                        |  |  |  |
| 34       | 69.6          | 1,770                               | 69.6                 | 1,770                        |  |  |  |
| 35       | 0             | 0                                   | 0                    | 0                            |  |  |  |
| 36       | 10.5 / 10.5   | 17/17                               | 10.5 / 10.5          | 17/17                        |  |  |  |
| 37       | 1.5 / 2.0     | 0.46/0.62                           | 2.0 / 1.3            | 0.62/0.42                    |  |  |  |
| 38       | 1.8 / 1.8     | 0.56/0.56                           | 1.8 / 1.8            | 0.56/0.56                    |  |  |  |
| 39       | 4,800         |                                     | 4,700 / 5,100        |                              |  |  |  |
| 40       | 14,900        |                                     |                      | / 15,200                     |  |  |  |
| 41       | 14 / 23       | 7/12                                | 12 / 21              | 6/11                         |  |  |  |
| 42       | 26 / 35       | 14/19                               | 24 / 35              | 13/19                        |  |  |  |
| 43       | 4.2           | / 3.8                               |                      | / 4.4                        |  |  |  |
| 44       | elec          | tric                                | electric             |                              |  |  |  |
| 4E       | -             |                                     | -                    |                              |  |  |  |
| 45<br>46 | 2 ×           |                                     |                      | : 5.5                        |  |  |  |
| 46<br>47 |               | 0<br>21 A/no                        | 10<br>DIN 43531 A/no |                              |  |  |  |
| 47       |               | 31 A/no<br>-750                     |                      | -750                         |  |  |  |
| 49       | 1,790         | 812                                 | 1,790                | -750<br>812                  |  |  |  |
| 50       |               | .2                                  |                      | .5                           |  |  |  |
|          |               |                                     |                      |                              |  |  |  |
| 51       | Δ             | C                                   |                      | VC                           |  |  |  |
| 52       |               | 10                                  | 210                  |                              |  |  |  |
| 53       |               | 0                                   | 30                   |                              |  |  |  |
| 54       |               | о<br>170-Н                          | DIN15170-H           |                              |  |  |  |
|          |               |                                     |                      |                              |  |  |  |





### **FB14N2T- FB20N2**

ELECTRIC PNEUMATIC TIRE FORKLIFT 2,700-4,000 LB CAPACITY

#### **Delivering Exceptional Value**

More Than 296,000 Parts To Keep You Running Mitsubishi Forklift Trucks offers several parts programs, all designed to bring you top performance and convenience for your material handling needs. Contact your local dealer to put our services to work for you.

#### Support To Fit Your Operation

Find out why more companies are relying on Mitsubishi forklift truck dealers to keep their fleet operating at top performance. Our efficiency provides customers with a better return on investment, and qualified service technicians, diverse parts inventory and unparalleled selection of service options can help reduce your total cost of ownership.

#### Extensive Dealer Network

The Mitsubishi forklift truck dealer network is dedicated to finding the right forklift solution for your business. With more than 300 dealer locations, you can rely on your local dealer to provide the service you need when you need it most.





Manufactured with superior quality and exceptional value, Mitsubishi forklift trucks are supported by an extensive dealer and field support network located throughout North and South America. Don't forget to ask your local Mitsubishi forklift truck dealer about details on factory retail programs, financing plans and additional options and dealer services like planned maintenance and operator training.

© 2022 Mitsubishi Logisnext Americas Inc. All rights reserved. All registered trademarks are the property of their respective owners.



Some products may be shown with optional equipment. MECM0300-01