

# FBD16/20

## Electric Stacker



### CHARACTERISTIC

High capacity 1500kg & 2000kg with AC drive system

Robust 2 and 3 stage masts for Lfting Heights up to 6000mm lift height

Electric power steering (EPS) as option  
Foldable platform and protective arms as option

Standard side way battery replacement allows customers to use the truck with multi-shift operation and replace the batteries fast and effortlessly

The stacker designed to be used with high efficiency even during their multi-shift operation. The configuration of the stacker allows you to get more powerful and productive units thanks to its increased speed and different options of batteries, including lithium solutions.

### 参数 PARAMETER

|    | Model  |           | FBD16                    | FBD20          |
|----|--|-----------|--------------------------|----------------|
| 1  | Drive type                                   |           | Battery                  |                |
| 2  | Operator type                                |           | Pedestrian/Stand         |                |
| 3  | Capacity                                     | Q(kg)     | 1600                     | 2000           |
| 4  | Load centre distance                         | c(mm)     | 600                      |                |
| 5  | Service Weight / Exl. battery                | kg        | 1250                     |                |
| 6  | Tires  |           | Polyurethane ( PU )      |                |
| 7  | Size of load roller, Number                  |           | Φ 80×70, 4               |                |
| 8  | Size of Balance roller, Number               |           | Φ 115×55, 2              |                |
| 9  | Size of Steering wheel                       |           | Φ 250x80                 |                |
| 10 | Tread, Rear                                  | b11(mm)   | 625                      |                |
| 11 | Tread, Front                                 | Y(mm)     | 1350                     |                |
| 12 | Lifting Height                               | h3(mm)    | 3000                     | 4500           |
| 13 | Lowred mast height                           | h1(mm)    | 2010                     | 2010           |
| 14 | Height of tiller in Drive position/Max.      | h(mm)     | 1450                     | 1450           |
| 15 | Free Lifting Height                          | H2(mm)    | 1500                     | 1500           |
| 16 | Extened mast height                          | h4(mm)    | 3480                     | 4980           |
| 17 | Lowered fork height                          | h13(mm)   | 90                       |                |
| 18 | Overall Length                               | l1(mm)    | 2080                     |                |
| 19 | Overall Width                                | b1(mm)    | 820                      |                |
| 20 | Fork dimensions                              | S/e/l(mm) | 60/160/1150              |                |
| 21 | Width across forks                           | b5(mm)    | 570/685                  |                |
| 22 | Ground clearance, centre of wheel base       | m2(mm)    | 30                       |                |
| 23 | Aisle width for pallets 1000x1200 crossways  | Ast(mm)   | 2280                     |                |
| 24 | Aisle width for pallets 800x1200 crossways   | Ast(mm)   | 2330                     |                |
| 25 | Turning radius                               | Wa(mm)    | 1560                     |                |
| 26 | Travel Speed, Laden/unladen                  | Km/h      | 5.5/5.8                  |                |
| 27 | Lift Speed, Laden/unladen                    | mm/s      | 100/120                  |                |
| 28 | lowering Speed, Laden/unladen                | mm/s      | 120/100                  |                |
| 29 | Gradeability, Laden/unladen                  | %         | ‘5/8                     |                |
| 30 | Service Brake                                |           | Electromagnetic          |                |
| 31 | Drive motor rating                           | kW        | 1.5/2(AC)                |                |
| 32 | Lifting motor rating                         | kW        | 2.2/3                    |                |
| 33 | Battery capacity                             | V/Ah      | 24/210                   | 24/270         |
|    |  |           | Lithium 24/160           | Lithium 24/200 |
| 34 | Battery weight                               | Kg        | Lead acid 200/260        |                |
|    |  |           | Lithium 82/85            |                |
| 35 | Type of Steering                             |           | Mechanical steering/ EPS |                |
| 36 | Type of drive control                        |           | AC speed control         |                |
| 37 | Sound level at driver's ear acc. to DIN12053 | dB(A)     | <70                      |                |