



# SPECIFICATION

## MODEL B45/HL 4 WHEEL BENDI

### ELECTRIC MULTI-PURPOSE ARTICULATED HIGH LIFT FORKLIFT TRUCK

The Landoll Bendi B45/HL is a 4 wheel articulating forklift that maximizes cube utilization while providing ability to stack to 36'/11M. Increased productivity, operator comfort and safety are the primary benefits.

#### FEATURES

- 3,300lb./1,500 kg capacity to 272"/6.91M
- 2,000lb./909 kg capacity to 433"/11M
- 84"/2.13M stacking aisle  
12"(300mm) sideshifter and  
36"(1060mm) high load  
backrest standard

#### DRIVE TRAIN

- Large diameter smooth rubber drive tires
- Polyurethane load tires
- 180° front-end articulation/steering
- Heavy duty dual rear wheel planetary drives
- Powerful drive and hydraulic motors

#### ELECTRICAL

- 48 volt system
- Separately excited dual traction motor controllers
- Lighting and alarm accessories available
- Provisions for RF terminals provided

#### ERGONOMICS & SAFETY

- Hydraulic power steering
- Comfortable seated operation with all truck controls within easy reach
- 4-post heavy-duty overhead guard
- Safety dead man seat switch
- Clear view 3 stage high lift mast
- Key switch, horn, hourmeter, adjustable suspension seat and steering column, seatbelt, and arm rest standard.

#### ENGINEERING

- Forward and rearward mast tilt
- Heavy duty chassis design
- Rotation via dual taper roller bearings, with 3 year warranty on articulation
- Enlarged extra strength articulation assembly
- Accepts class II attachments
- Easily accessible components for low cost maintenance



# BENDI B45/HL - 3,300 lbs (1,500 kg)

Electric Multi-Purpose Articulated Forklift Truck

## TECHNICAL & DIMENSION DATA



|                                 |                |           |                    |
|---------------------------------|----------------|-----------|--------------------|
| Model                           |                |           | B45/HL-180D        |
| Capacity                        |                | lbs/kg    | 3,300/1,500        |
| Load center                     |                | in/mm     | 24/600             |
| Power source                    |                |           | Battery, electric  |
| Weight with battery             |                | lbs/kg    | 14,936/6,789       |
| Travel speed                    | Loaded         | mph/kph   | 6/9.7              |
|                                 | Unloaded       | mph/kph   | 6.5/10.5           |
| Lift speed                      | Loaded         | fpm/mpm   | 70/21              |
|                                 | Unloaded       | fpm/mpm   | 90/27              |
| Lowered Speed                   | Loaded         | fpm/mpm   | 90/27              |
|                                 | Unloaded       | fpm/mpm   | 60/18              |
| Mast tilt                       | FWD/RWD        | Deg./in/M | 1/3 over 276/7.01  |
| Lost load center                | a              | in/mm     | 12/310             |
| Wheelbase                       | b              | in/mm     | 63/1600            |
| Overall length to face of forks | c              | in/mm     | 103/2620           |
| Underclearance                  | d              | in/mm     | 3/76               |
| Cab floor height                | e              | in/mm     | 28/700             |
| Seat height                     | f              | in/mm     | 51/1295            |
| Overhead guard height           | g              | in/mm     | 87/2209            |
| Chassis width                   | h              | in/mm     | 55/1397            |
| Gradeability                    | Unloaded       | %         | 15                 |
|                                 | Loaded         | %         | 15                 |
| Lift motor rating               |                | kW        | 11                 |
| Steer motor rating              |                | kW        | 4.2                |
| Drive motor rating              | Dual rear      | kW        | 7.5 ea -15 total   |
| Wheel sizes                     | Front (2 each) | in/mm     | 14x5/355x127       |
|                                 | Rear (2 each)  | in/mm     | 18x8/457x203       |
| Control Type                    |                |           | Separately excited |
| Front Articulation              | m              | Deg.      | 180                |

### MAST DIMENSIONS 3 Stage Full Free Lift

| Lift Height |        | Lowered Height |        | Free Lift |        |
|-------------|--------|----------------|--------|-----------|--------|
| Inches      | Meters | Inches         | Meters | Inches    | Meters |
| 374         | 9.50   | 166            | 4.22   | 142       | 3.61   |
| 417         | 10.59  | 180            | 4.57   | 156       | 3.96   |
| 433         | 11.00  | 185            | 4.70   | 161       | 4.09   |

### AISLE DIMENSIONS

| LOAD DEPTH X WIDTH (j x i)   | MINIMUM CLEAR AISLE (k) |
|------------------------------|-------------------------|
| 40" x 48" (1,000 x 1,200 mm) | 76" (1,930 mm)          |
| 48" x 40" (1,200 x 1,000 mm) | 84" (2,133 mm)          |
| MIN. CLEAR TRANSFER AISLE    | 108" (2,743 mm)         |

### RECOMMENDED BATTERIES

|   |
|---|
| Battery Designation: 24-85-19, 48 volt, 765 AHC (6 hour rate)         |
| Nominal size:<br>25 15/16" x 44 9/16" x 22 5/8" (66 x 113 x 58 cm)    |
| Truck compartment size:<br>26" x 44 3/4" x 23" (66 x 114 x 58 cm)     |
| Battery weight min.<br>2,600 lbs (1181 kg) - max 3,100 lbs. (1409 kg) |
| Leads are at position A, 12" long, with SB 350 amp blue connector     |

