

## B40AC-HL & B50AC-HL, 4 WHEEL HIGH LIFT BENDI ELECTRIC MULTI PURPOSE VNA ARTICULATED FORKLIFT TRUCK



### Standard Features:

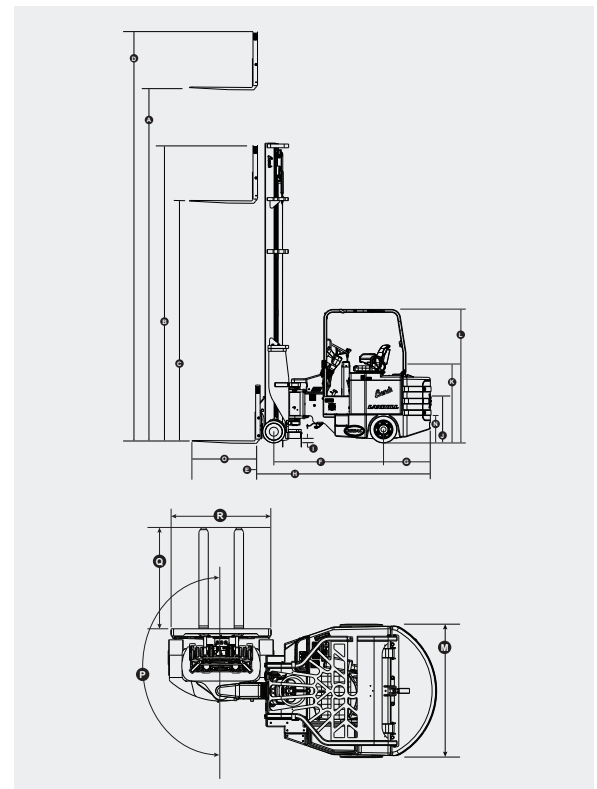
- 2000kg and 2500kg Lift Capacity
- Lift Heights to 12,500mm
- Four-Wheel Design, Dual Rear Wheel Drive
- High Visibility 3-Stage Mast
- Integral Sideshift
- Adjustable Seat and Steering Wheel
- Dual Curtis AC Traction Motor Controllers
- Curtis AC Hydraulic Motor Controller
- Battery Discharge Indicator with Lift Interrupt
- Electronic Regenerative and Hydraulic Disc Braking
- "Floating" Articulated Front Axle
- DuraSteer™ Articulation / Steering Assembly with 5-Year Warranty
- Safety Seat Switch, Seat Belt and Rear View Mirror
- Curtis Engage Dash Display
- Hand Actuated Parking Brake
- Non Tilting Rigid Mounted Mast
- Carriage Tilt 0° Forward / 3° Backward
- Soft Polyurethane Load Wheels
- Three Section Hydraulic Control Valve

### Optional Features:

- Non-Standard Fork Lengths
- Dual Overhead Guard-Mounted LED Headlights
- Dual Rear Safety LED Light Bars
- Safety Flashing LED Light
- Backup Alarm - Beeping Tone ("Smart" dB Adjusting)
- Blue Pedestrian Warning Spotlights
- Fire Extinguisher - OHG Post Mounted
- Roller / Slide-Out Battery Tray
- Lazer Fork Height Indicator
- Hydraulic Integral Fork Positioner
- Hydraulic Fork Extensions
- Camera with Monitor in Operator's Compartment
- Cold Storage Conditioned to -22°F (-30°C)

## BENDI HL RANGE TECHNICAL DATA

| MODEL                           |                 |     | B40AC-HL              | B50AC-HL            |
|---------------------------------|-----------------|-----|-----------------------|---------------------|
| Capacity                        |                 | kg  | 2000                  | 2500                |
| Load Centre                     |                 | mm  | 500                   | 500                 |
| Power Source                    |                 |     | Battery, Electric     | Battery, Electric   |
| Weight with Battery             |                 | kg  | 6,486                 | 7,886               |
| Travel Speed                    | Loaded          | mph | 6.5                   | 6.5                 |
|                                 | Unloaded        | mph | 7.0                   | 7.0                 |
| Lift Speed                      | Loaded          | mps | 0.46                  | 0.46                |
|                                 | Unloaded        | mps | 0.56                  | 0.56                |
| Lowering Speed                  | Loaded          | mps | 0.51                  | 0.51                |
|                                 | Unloaded        | mps | 0.46                  | 0.46                |
| Carriage Tilt                   | Fwd / Back      | deg | 0 / 3                 | 0 / 3               |
| Lost Load Centre                | E               | mm  | 305                   | 318                 |
| Wheelbase                       | F               | mm  | 1,715                 | 1,854               |
| Rear Overhang                   | G               | mm  | 726                   | 803                 |
| Overall Length to Face of Forks | H               | mm  | 2,750                 | 2,978               |
| Underclearance                  | I               | mm  | 76                    | 76                  |
| Cab Floor Height                | J               | mm  | 795                   | 795                 |
| Seat Height                     | K               | mm  | 1,321                 | 1,321               |
| Overhead Guard Height           | L               | mm  | 2,261                 | 2,261               |
| Chassis Width                   | M               | mm  | 1,270                 | 1,372               |
| Battery Compartment Height      | N               | mm  | 489                   | 489                 |
| Front Axle Width                |                 | mm  | 1,067                 | 1,118               |
| Gradeability                    | Unloaded        | %   | 15                    | 15                  |
|                                 | Loaded          | %   | 15                    | 15                  |
| Hydraulic Motor Rating          | Continuous Duty | kW  | 12                    | 12                  |
| Drive Motor Rating              | Continuous Duty | kW  | 2 x 5.6<br>11.2 Total | 2 x 7.5<br>15 Total |
| Wheel Sizes                     | Front x 2       | mm  | 356x127               | 381x152             |
|                                 | Rear x 2        | mm  | 457x178               | 457x229             |
| Traction Control Type           | Curtis          |     | AC                    | AC                  |
| Hydraulic Control Type          | Curtis          |     | AC                    | AC                  |



### aisle dimensions

| B40AC-HL                     |                     |
|------------------------------|---------------------|
| LOAD DEPTH X WIDTH (Q x R)   | MINIMUM CLEAR AISLE |
| 1,000 x 1,200mm              | 1,800mm             |
| 1,200 x 1,000mm              | 1,980mm             |
| Minimum Clear Transfer Aisle | 2,750mm             |

| B50AC-HL                     |                     |
|------------------------------|---------------------|
| LOAD DEPTH X WIDTH (Q x R)   | MINIMUM CLEAR AISLE |
| 1,000 x 1,200mm              | 1,930mm             |
| 1,200 x 1,000mm              | 2,100mm             |
| Minimum Clear Transfer Aisle | 2,900mm             |

### RECOMMENDED BATTERY

|                                                                                              |
|----------------------------------------------------------------------------------------------|
| <b>BATTERY FOR B40AC-HL</b><br>Battery Designation: 24-85-19, 48 Volt, 765 AHC (6 Hour Rate) |
| Nominal size: 66 x 113 x 57cm                                                                |
| Truck compartment size : 66 x 114 x 59cm                                                     |
| Battery Weight: Min. 1,181kg - Max. 1,409kg                                                  |
| Leads are at Position A, 300mm Long, with SB 350 Amp Blue Connector                          |
| <b>BATTERY FOR B50AC-HL</b><br>Battery Designation: 24-85-23, 48 Volt, 935 AHC (6 Hour Rate) |
| Nominal Size to 82 x 114 x 58cm                                                              |
| Truck Compartment size to 83 x 114 x 59cm                                                    |
| Battery Weight: Min. 1,590kg - Max. 1,818kg                                                  |
| Leads are at Position A, 300mm Long, with SB 350 Amp Blue Connector                          |

### MAST DIMENSIONS

| LIFT HEIGHT (A) | LOWERED HEIGHT (B) | FREE LIFT (C) | OVERALL HEIGHT (D) |
|-----------------|--------------------|---------------|--------------------|
| 7920 mm         | 3560 mm            | 2640 mm       | 8830 mm            |
| 8310 mm         | 3680 mm            | 2770 mm       | 9220 mm            |
| 9140 mm         | 3960 mm            | 3050 mm       | 10050 mm           |
| 9530 mm         | 4090 mm            | 3180 mm       | 10440 mm           |
| 10590 mm        | 4450 mm            | 3530 mm       | 11500 mm           |
| 11050 mm        | 4600 mm            | 3680 mm       | 11960 mm           |
| 11960 mm        | 4900 mm            | 3990 mm       | 12870 mm           |
| 12500 mm        | 5080 mm            | 4170 mm       | 13410 mm           |