

Bendi®

*Designed to give optimal aisle performance while retaining many of the features which have made the award winning Bendi the first choice in articulated forklift trucks, the B318 is capable of storing pallets in aisles as small as 1.6m offering great space savings over counterbalance and reach trucks. Bendi can achieve a storage density that exceeds that of a very narrow aisle (VNA) installation.*

### **FEATURES**

- Battery Electric
- 1,800kg Capacity
- 9m Lift
- 1.6m Aisle
- Dual Inside / Outside Capability

### **ERGONOMICS & SAFETY**

- Comfortable Seating Position with All Truck Functions Easily Reached
- Spacious Driver Compartment for Safe and Comfortable Operation
- Four Post Overhead Guard
- Full Hydraulic Power Steering

### **DRIVETRAIN**

- Large Soft Tires
- Regenerative Braking
- Powerful 8kW AC Drive Motor
- 220° Over Rotating Steering

### **ELECTRICAL SYSTEM**

- 48 Volt High Capacity Battery
- Maintenance Free AC Control
- Battery and Status Monitoring Display
- Provision for Radio Data Terminals / RFID Reader

### **ENGINEERING**

- Full Backwards and Forwards Tilting Mast
- Accepts All Standard Attachments
- Award Winning Chassis Design
- Patented Front Wheel Drive

# **B318 FWD**

**Battery Electric Multi-Purpose  
Articulated Forklift Truck**



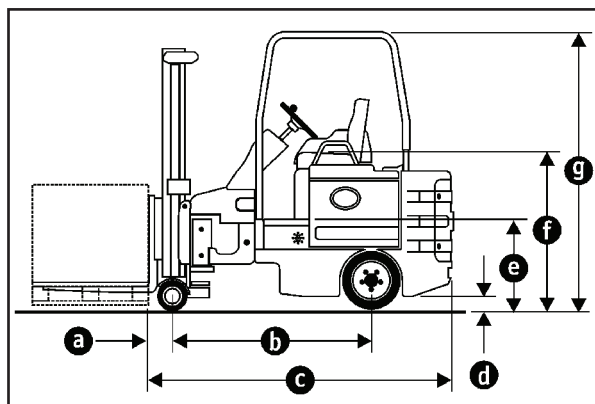
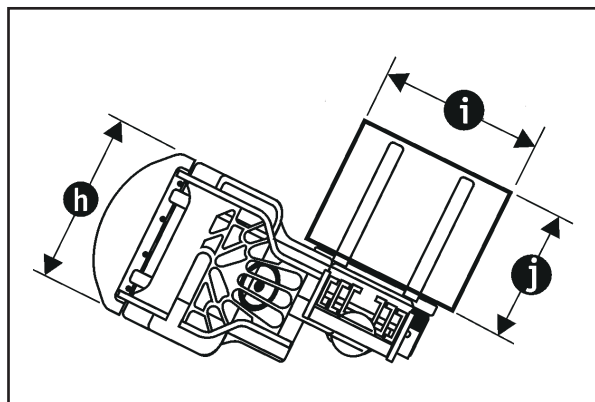
**Material Handling  
Products**

# BENDI B318 FWD

## Battery Electric Multi-Purpose Articulated Forklift Truck

### TECHNICAL DATA

MODEL			B318
Capacity		kg	1,800
Load Centre		mm	500
Power Source			Traction Battery
Unladen Weight Including Battery		kg	6,800
Sideshift			Integral
Travel Speed (Adjustable)	Laden	kph	11
	Unladen	kph	12
Lift Speed	Laden	m/s	0.4
	Unladen	m/s	0.5
Lowering Speed	Laden	m/s	0.5
	Unladen	m/s	0.3
Tilt Range	Fore / Rear	deg	1 / 2
Overhead Guard Height	g	mm	2,246
Seat Height	f	mm	1,195
Cab Floor Height	e	mm	694
Minimum Ground Clearance	d	mm	60
Lost Load Centre	a	mm	282
Overall Length to Face of Forks	c	mm	2,562
Wheelbase	b	mm	1,735
Chassis Width	h	mm	1,320
Maximum Gradient		%	15
Rotation Angle		deg	220
Lift & Power Steer Motor Rating		kW	12
Drive Motor Rating - AC		kW	8
Wheel Size	Front	mm	400 x 205
	Rear	mm	455 x 203
Battery Type, Standard DIN	720	Ah	8PZSH720
Minimum Battery Weight		kg	1,110
Control Type			AC Traction DC Pump



### AISE DIMENSIONS

Load Depth x Width (j x i)	Minimum Clear Aisle
1,000 mm D x 1,200 mm W	1,600 mm
1,200 mm D x 1,000 mm W	1,800 mm
1,200 mm D x 800mm W	1,800 mm
Minimum Clear Transfer Aisle	2,700 mm
Minimum End Aisle Clearance	750 mm

### MAST DIMENSIONS

Standard Triple Full Free Lift Mast      All Heights are Stated Without Load Backrest, if Fitted.

Lift Height	Free Lift	Closed Height	Extended Height	Lift Height
5,000 mm	1,750 mm	2,599 mm	5,849 mm	5,000 mm
6,000 mm	2,117 mm	2,966 mm	6,849 mm	6,000 mm
7,150 mm	2,500 mm	3,349 mm	7,999 mm	7,150 mm
8,200 mm	3,083 mm	3,932 mm	9,049 mm	8,200 mm
9,000 mm	3,350 mm	4,199 mm	9,849 mm	9,000 mm



Landoll continuously improves products. We reserve the right to make any changes in illustrations, specifications, equipment, and prices without prior notice and without changes on previous models.

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