

# B318 FWD

## Battery Electric Multi-Purpose Articulated Forklift Truck

*Bendi*

Designed to give optimal aisle performance whilst 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 1.6m aisles 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
- 1800kg capacity
- 9m lift
- 1.6m aisle
- Dual inside / outside capability

### Ergonomics & Safety

- Comfortable seating position with all truck functions to hand
- No 'deadman switch' required as rotation fully visible from drivers cab
- Four post overhead guard
- Full hydraulic power steering

### Drivetrain

- Large soft tyres
- Regenerative braking
- Powerful 8kW drive motor
- 220° over rotating steering

### Electrical System

- 48 volt high capacity battery
- Sepex controller
- Battery and status monitoring display
- Provision for radio data terminals / RFID reader

### Engineering

- Full 3° backwards and forwards tilt
- Accepts all standard attachments
- Lifetime warranty on articulation unit
- Award winning chassis design



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Battery Electric Multi-Purpose Articulated Forklift Truck



Model			B318
Capacity		kg	1800
Load centre		mm	500
Power source			Traction battery
Unladen mass without battery			6700
Sideshift			Integral

Travel speed		Laden / Unladen	kps	7.4 / 7.8
Lift speed		Laden / Unladen	m/s	3.0 / 3.5
Lower speed		Laden / Unladen	m/s	3.8 / 2.9
Tilt range		Fore / Rear	°	1 / 3

Overhead guard height	g	mm	2250
Seat height	f	mm	1220
Cab floor height	a	mm	700
Minimum ground clearance	d	mm	85
Load load centre	a	mm	250
Overall length to face of forks	c	mm	2650
Wheelbase	b	mm	1540
Chassis width	h	mm	1270
Maximum gradient		%	15
Rotation angle		°	220

Lift motor rating		kW	6
Power steer motor rating		kW	1.2
Drive motor rating		kW	8
Wheel size	Front / Rear	mm	406 x 180 / 460 x 185

Battery type, standard			8EP5720 (720 ah)
Minimum battery weight		kg	1150
Control type			Sepex

## Mast Dimensions

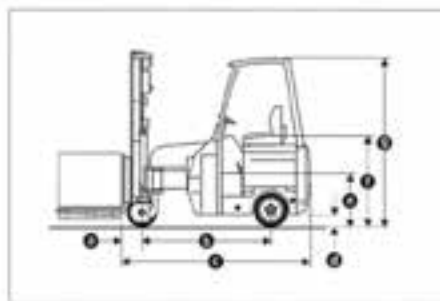
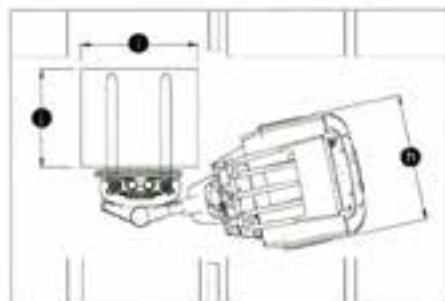
Standard triple full free lift mast

Lift Height	Free Lift	Closed Height	Extended Height	Lift Height
5000 mm	1750 mm	2599 mm	5849 mm	5000 mm
6000 mm	2133 mm	2982 mm	6899 mm	6000 mm
7200 mm	2617 mm	3466 mm	8049 mm	7200 mm
8200 mm	3083 mm	3949 mm	9049 mm	8200 mm
9000 mm	3350 mm	4199 mm	9849 mm	9000 mm

All heights are stated without load backrest, if fitted

## Aisle Dimensions

Load Depth x Width (j x i)	Minimum Clear Aisle (k)
1000 mm D x 1200 mm W	1600 mm
1200 mm D x 1000 mm W	1800 mm
1200 mm D x 800 mm W	1850 mm
Minimum clear transfer aisle	2700 mm



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