

# B420 RWD

## Battery Electric Multi-Purpose Articulated Forklift Truck

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 B420 is capable of storing pallets in 1.65m 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
- 2000kg capacity
- 9m lift
- 1.65m 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 12kW 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				B420
Capacity			kg	2000
Load centre			mm	500
Power source				Traction battery
Unladen mass without battery				7000
Sideshift				Integral

Travel speed		Laden / Unladen	kps	8 / 9
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	e		mm	700
Minimum ground clearance	d		mm	85
Lost load centre	a		mm	250
Overall length to face of forks	c		mm	2700
Wheelbase	b		mm	1540
Chassis width	h		mm	1280
Maximum gradient			%	15
Rotation angle			°	220

Lift motor rating			kW	8
Power steer motor rating			kW	2
Drive motor rating			kW	6 x2
Wheel size		Front / Rear	mm	305 x 150 / 460 x 200

Battery type, standard				8EPzS720 (720 ah)
Minimum battery weight			kg	1250
Control type				Sepex

## Mast Dimensions

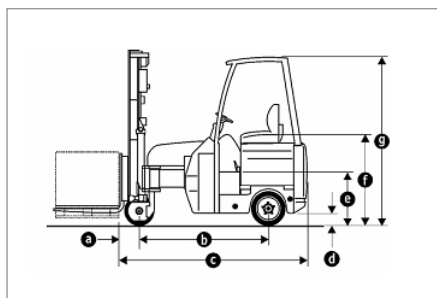
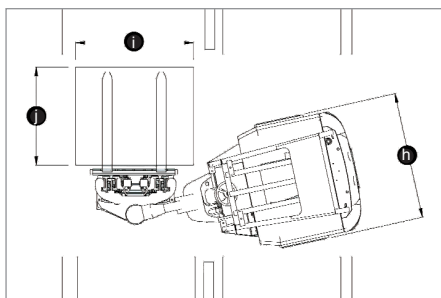
Standard triple full free lift mast

Lift Height	Free Lift	Closed Height	Extended Height	Lift Height
5000 mm	1912 mm	2437 mm	5537 mm	5000 mm
6000 mm	2295 mm	2820 mm	6587 mm	6000 mm
7200 mm	2779 mm	3304 mm	7737 mm	7200 mm
8200 mm	3245 mm	3770 mm	8737 mm	8200 mm
9000 mm	3512 mm	4037 mm	9537 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	1650 mm
1200 mm D x 1000 mm W	1850 mm
1200 mm D x 800 mm W	1850 mm
Minimum clear transfer aisle	2700 mm



## Translift Bendi Ltd

Sales/General Enquiries: 01527 527411 Fax: 01527 510177 Email: info@bendi.co.uk

22 Padgets Lane • South Moons Moat Industrial Estate • Redditch • Worcestershire • B98 0RB

www.bendi.co.uk

Anything else is a waste of space.