

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 aisles as small as 1.65m 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
- 10m lift
- 1.65m aisle
- Dual inside / outside

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

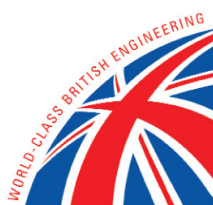
- Large soft tyres
- Regenerative braking
- Powerful 12kW AC drive motor
- 220° over rotating steering

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
- Lifetime warranty on articulation unit
- Award winning chassis design
- Patented rear wheel drive



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Model				B420
Capacity			kg	2000
Load centre			mm	500
Power source				Traction Battery
Unladen weight including battery			kg	7400
Sideshift				Integral

Travel speed (adjustable)		Laden / Unladen	kph	13/14
Lift Speed		Laden / Unladen	m/s	0.4/0.5
Lower speed		Laden / Unladen	m/s	0.5/0.3
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	80
Lost load centre	a		mm	270
Overall length to face of forks	c		mm	2700
Wheelbase	b		mm	1840
Chassis width	h		mm	1280
Maximum gradient			%	15
Rotation angle			°	220

Combined Lift and power steer motor rating			kW	8
Drive motor rating - AC			kW	6x2
Wheel size		Front / Rear	mm	305 x 150 / 460 x 200

Battery type, standard		720	Ah	8PZSH720
Minimum battery weight			kg	1050
Control type				AC

Mast Dimensions

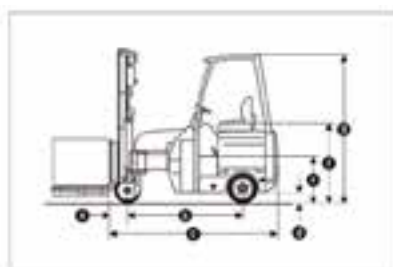
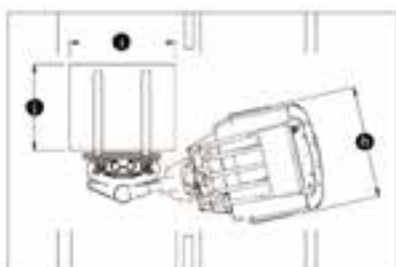
Standard triple full free lift mast

Lift Height	Free Lift	Closed Height	Extended Height	Lift Height
5000 mm	1912 mm	2437 mm	5537 mm	5000 mm
6000 mm	2279 mm	2804 mm	6537 mm	6000 mm
7150 mm	2662 mm	3175 mm	7687 mm	7150 mm
8200 mm	3245 mm	3770 mm	8737 mm	8200 mm
9000 mm	3512 mm	4037 mm	9537 mm	9000 mm
10000 mm	3879 mm	4404 mm	10537 mm	10000 mm

All heights are stated without load backrest, if fitted.

Aisle Dimensions

Load Depth x Width (j x i)	Minimum Clear Aisle
1000mm D x 1200mm W	1650 mm
1200mm D x 1000mm W	1850 mm
1200mm D x 800mm W	1850 mm
Minimum clear transfer aisle	2700 mm
Minimum end aisle clearance	750 mm



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Anything else is a waste of space.