

BENDI B420HL 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 B420HL is capable of storing pallets in aisles as small as 1.75m 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.

Standard Features:

- Battery electric
- 2000kg capacity
- 12.5m lift
- 1.75m 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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TECHNICAL DATA BENDI B420HL RWD

Model		B420HL		
Capacity			kg	2000
Load centre			mm	500
Power source				Traction Battery
Unladen weight including battery			kg	8400
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	2750
Wheelbase	b		mm	1900
Chassis width	h		mm	1480
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 230
Battery type, standard		900	Ah	9PZSH900
Minimum battery weight			kg	1330
Control type				AC



MAST DIMENSIONS

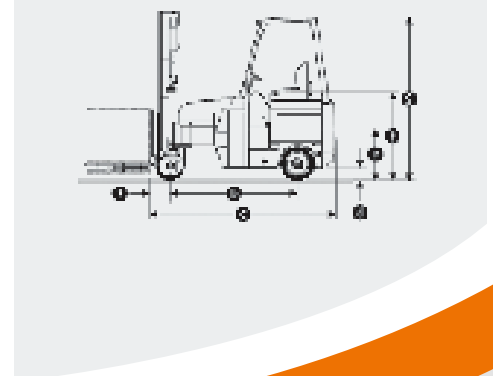
Standard triple full free lift mast

Lift Height	Free Lift	Closed Height	Extended Height	Lift Height
8200 mm	3245 mm	3770 mm	8737 mm	8200 mm
9000 mm	3512 mm	4037 mm	9537 mm	9000 mm
9500 mm	3712 mm	4237 mm	10037 mm	9500 mm
10000 mm	3879 mm	4404 mm	10537 mm	10000 mm
10600 mm	4079 mm	4604 mm	11137 mm	10600 mm
11000 mm	4345 mm	4870 mm	11537 mm	11000 mm
11500 mm	4512 mm	5037 mm	12037 mm	11500 mm
12000 mm	4679 mm	5204 mm	12537 mm	12000 mm
12500 mm	4845 mm	5370 mm	13037 mm	12500 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	1750 mm
1200mm D x 1000mm W	1950 mm
1200mm D x 800mm W	2050 mm
Minimum clear transfer aisle	2700 mm
Minimum end aisle clearance	750 mm



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