Specification

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 2.1m 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
- 12.5m lift
- 2.1m aisle
- Dual inside / outside capability
- Integral Sideshift

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

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

Engineering

- Full backwards and forwards tilting mast
- Accepts all standard attachments
- Award winning chassis design
- Patented rear wheel drive

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Anything else is a waste of space

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Technical & Dimensional Data

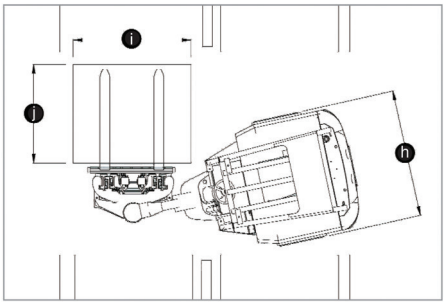
Model				B420HL
Capacity			kg	2000
Load centre			mm	500
Power source				Traction Battery
Unladen weight including battery			kg	8400
Sideshift				Integral

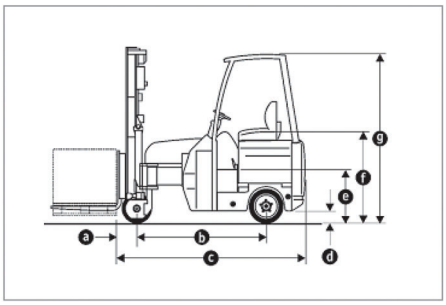
Travel speed (adjustable)		Laden / Unladen	kph	13/14
Lift speed		Laden / Unladen	m/s	0.4/0.5
Lower speed		Laden / Unladen	m/s	0.5/0.3
Tilt range		Fore/Rear	°	1/3

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

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

Battery type, standard		900	Ah	9PZSH900
Minimum battery weight			kg	1330
Control type				AC





See the Bendi B420HL in Action

download the FREE QR code reader from your app store

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
1165mm D x 1165mm W	2100 mm
Minimum clear transfer aisle	2700 mm
Minimum end aisle clearance	600 mm

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