

BOMAQ B20 E4 TYPE



TECHNICAL DATA SHEET



KEY FEATURES:

- 100% ELECTRICAL POWER
- "0,0" EMISSIONS
- WORLDWIDE SUPPORT
- FIRST CLASS COMPONENTS
- WIDE APPLICATION AREA
- AMAZING SERIAL EQUIPMENT
- EASY MAINTENANCE
- ROBUST AND RELIABLE
- COMPACT SIZE

BOMAQ B20 E4 TECHNICAL SPECIFICATIONS

THE 100% ELECTRIC POWERED ROUGH TERRAIN FORKLIFT, 4X4 TRACTION WITH DOUBLE DIFFERENTIAL, LOW NOISE, ZERO EMISSIONS, AND ALL YOU CAN EXPECT FROM A BOMAQ FORKLIFT. THE FUTURE IN MATERIAL HANDLING!



MAIN FEATURES

Manufacturer	BOMAQ INDUSTRIES		
Model	B20 E4		
Powered	type	Electric	
Driver position	position	Seated	
Front / rear tyre type	(Pneumatic/Solid)	Pneumatic / Pneumatic	
Number of wheels / powered wheels	n / n	4 / 4	
Capacity	Q	2000 (Kg)	4409 (Lb)
Load center	C.O.G.	500 (mm)	20 (in)

DIMENSIONS

Total length with std. forks (1200 mm / 47 in)	L	4255 (mm)	168 (in)
Length to forks carriage	L2	3055 (mm)	120 (in)
Distance between axles	y	1900 (mm)	75 (in)
Distance from carriage to front axle	x	655 (mm)	26 (in)
Rear overhung distance	z	500 (mm)	20 (in)
Minimum ground clearance	m	300 (mm)	12 (in)
Maximum height (Std. cabin)	h6	1990 (mm)	78 (in)
Overall width	B	1550 (mm)	61 (in)
Front axle track width	b1	1220 (mm)	48 (in)
Rear axle track width	b2	1220 (mm)	48 (in)
Turning radius	Wa	3950 (mm)	156 (in)
Aisle width (europallet 1200 x 800 mm)	Ast	5905 (mm)	232 (in)

WEIGHTS (with std. mast & forks)

Total weight without load	4250 (Kg)	9370 (Lb)
Maximum load on front axle	5466 (Kg)	12050 (Lb)
Maximum load on rear axle	2000 (Kg)	4409 (Lb)
Total weight with load	6250 (Kg)	13779 (Lb)

TYRES

Front tyres sizes & patterns	MPT Standard	12 x 16.5
Rear tyres sizes & patterns	MPT Standard	12 x 16.5
Service brake (on front axle)	type	Multidisc oil wet & master cyl.
Parking brake (on front axle)	type	Multidisc oil wet negative hyd.

PERFORMANCES (with std. mast & forks)

Maximum traveling speed with load	20 (Kph)	12 (Mph)
Maximum traveling speed without load	24 (Kph)	15 (Mph)
Maximum slope with / without load	%	25 / 30
Transmission type	Electric	
Service pump pressure	250 (bar)	3626 (PSI)

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POWER

Transmission motor	Brand & Model	Zapi ZTP249
Transmission drive	Brand & Model	Zapi FZ8348
Pump motor	Brand & Model	Zapi ZTP247
Pump drive	Brand & Model	Zapi FZ8275

MAST

Standard mast	Duplex	2900 (mm)	114 (in)
Integrated side shift			yes
4th valve to the carriage			optional
Carriage type	DIN 15173		FEM II B
Standard forks (width x thickness x length)	(mm) / (in)	80x40x1200	3,1x1,6x47
Tilting angles front / back	° / °	10	12
Maximum load lifting speed		0,4 (m/s)	1,3 (ft/s)
Maximum load lowering speed		0,4 (m/s)	1,3 (ft/s)

NOISE EMISSIONS

Outside the machine, DRIVING	dB	- Lmin	- Leq
At operator's head, closed cabin, DRIVING	dB	- Lmin	- Leq
At operator's head, closed cabin, STOPPED	dB	- Lmin	- Leq

MISCELLANEOUS

Battery, voltage & capacity		80 (V)	930 (Ah)
Hydraulic tank capacity		50 (L)	11,0 (gal)
Instrument and lights voltage			12 (V)

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