



BOMAQ B50 MP 4WD TECHNICAL SPECIFICATIONS

MAIN FEATURES

Manufacturer	BOMAQ INDUSTRIES		
Model	B50 MP 4WD		
Powered	type	Diesel	
Driver position	position	Seated	
Front / rear tyre type	(Pneumatic/Solid)	Pneumatic / Pneumatic	
Number of wheels / powered wheels	n / n	4 / 4	
Capacity	Q	5000 (Kg)	11023 (Lb)
Load center	C.O.G.	600 (mm)	24 (in)

DIMENSIONS

Total length with std. forks (1500 mm / 59 in)	L	5250 (mm)	207 (in)
Length to forks carriage	L2	3750 (mm)	148 (in)
Distance between axles	y	2250 (mm)	89 (in)
Distance from carriage to front axle	x	850 (mm)	33 (in)
Rear overhung distance	z	650 (mm)	26 (in)
Minimum ground clearance	m	300 (mm)	12 (in)
Maximum height (Std. cabin)	h6	2225 (mm)	88 (in)
Overall width	B	1950 (mm)	77 (in)
Front axle track width	b1	1530 (mm)	60 (in)
Rear axle track width	b2	1658 (mm)	65 (in)
Turning radius	Wa	3280 (mm)	129 (in)
Aisle width (europallet 1200 x 800 mm)	Ast	5430 (mm)	214 (in)

WEIGHTS (with std. mast & forks)

Total weight without load	7600 (Kg)	16755 (Lb)
Maximum load on front axle	11822 (Kg)	26064 (Lb)
Maximum load on rear axle	4000 (Kg)	8818 (Lb)
Total weight with load	12600 (Kg)	27778 (Lb)

TYRES

Front tyres sizes & patterns	MPT Standard	16/70-20
Rear tyres sizes & patterns	MPT Standard	11.5/80-15.3
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	%	30 / 40
Transmission type & brand	Linde Hydrostatic	
Service pump pressure	250 (bar)	3626 (PSI)
Transmission pressure	420 (bar)	6092 (PSI)



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ENGINE (standard)

Manufacturer	Perkins		
Model	1104D44T		
Maximum power	ISO 1585	83,1 (BHP)	62,0 (KW)
Maximum torque		353,0 (Nm)	260,4 (lbf ft)
Maximum rate	2200 (rpm)		
Emmissions certification	EU / EPA	STAGE IIIA / TIER 3	

ENGINE (optional)

Manufacturer	Caterpillar		
Model	C3.4B		
Maximum power	ISO 1585	74,3 (BHP)	55,4 (KW)
Maximum torque		318,0 (Nm)	234,5 (lbf ft)
Maximum rate	2200 (rpm)		
Emmissions certification	EU / EPA	STAGE IIIB / TIER 4 FINAL	

ENGINE (optional)

Manufacturer	Köhler		
Model	KDI 2504 TCR		
Maximum power	ISO 1585	74,3 (BHP)	55,4 (KW)
Maximum torque		300 (Nm)	221 (lbf ft)
Maximum rate	2600 (rpm)		
Emmissions certification	EU / EPA	STAGE IIIB / TIER 4 FINAL	

MAST

Standard mast	Duplex	3300 (mm)	130 (in)
Integrated side shift	yes		
4th valve to the carriage	yes		
Carriage type	DIN 15173	FEM IV B	
Standard forks (width x thickness x length)	(mm) / (in)	130x60x1500	5,1x2,4x59
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, engine idle	dB	- Lmin	- Leq
At operator's head, closed cabin, engine idle	dB	- Lmin	- Leq
At operator's head, closed cabin, engine at full throttle	dB	- Lmin	- Leq

MISCELLANEOUS

Fuel tank capacity	120 (L)	26,4 (gal)
Hydraulic tank capacity	120 (L)	26,4 (gal)
Coolant capacity	17 (L)	3,7 (gal)
Engine oil capacity	10 (L)	2,2 (gal)
Electrical system voltage	12 (V)	

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ALL THE INFORMATION PRESENTED HERE CORRESPONDS TO THE STANDARD MODEL, IF YOU NEED FURTHER INFORMATION PLEASE CONTACT YOUR CLOSEST DEALER. DUE TO OUR CONTINUOUS IMPROVEMENT POLICY, BOMAQ INDUSTRIES RESERVES THE RIGHT TO MODIFY THIS INFORMATION WITHOUT PREVIOUS COMMUNICATION.

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