

BOMAQ B50 MP TYPE



TECHNICAL DATA SHEET



KEY FEATURES:

- BEST 4WD MANEUVERABILITY
- WORLDWIDE SUPPORT
- FIRST CLASS COMPONENTS
- HYDROSTATIC TRANSMISSION
- WIDE APPLICATION AREA
- AMAZING SERIAL EQUIPMENT
- EASY MAINTENANCE
- ROBUST AND RELIABLE
- COMPACT SIZE

BOMAQ B50 MP 4WD TECHNICAL SPECIFICATIONS

THE MULTIPURPOSE CONCEPT IS AIMED FOR A VARIETY OF APPLICATIONS. IT HAS THE BEST TURNING RADIUS OF ANY 4WD, POWERFUL LINDE HYDROSTATIC TRANSMISSION, AN UNBEATABLE STANDARD EQUIPMENT... THE BEST CHOICE WHEN YOU NEED EVERYTHING IN ONE MACHINE.



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	5350 (mm)	211 (in)
Length to forks carriage	L2	3850 (mm)	152 (in)
Distance between axles	y	2350 (mm)	93 (in)
Distance from carriage to front axle	x	850 (mm)	33 (in)
Rear overhung distance	z	650 (mm)	26 (in)
Minimum ground clearance	m	275 (mm)	11 (in)
Maximum height (Std. cabin)	h6	2230 (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	3380 (mm)	133 (in)
Aisle width (europallet 1200 x 800 mm)	Ast	5430 (mm)	214 (in)

WEIGHTS (with std. mast & forks)

Total weight without load	9090 (Kg)	20040 (Lb)
Maximum load on front axle	12725 (Kg)	28054 (Lb)
Maximum load on rear axle	4450 (Kg)	9811 (Lb)
Total weight with load	14090 (Kg)	31063 (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	1104D-44T		
Maximum power	ISO 1585	83,1 (BHP)	62,0 (KW)
Maximum torque		353 (Nm)	260 (lbf ft)
Maximum rate	2200 (rpm)		
Emmissions certification	EU / EPA	STAGE IIIA / TIER 3	

ENGINE (optional)

Manufacturer	Perkins		
Model	904J-E28T		
Maximum power	ISO 1585	74,3 (BHP)	55,4 (KW)
Maximum torque		300 (Nm)	221 (lbf ft)
Maximum rate	2400 (rpm)		
Emmissions certification	EU / EPA	STAGE V / TIER 4F	

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 V / TIER 4F	

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	49 Lmin	72,4 Leq
At operator's head, closed cabin, engine idle	dB	72,7 Lmin	73,3 Leq
At operator's head, closed cabin, engine at full throttle	dB	71 Lmin	79,3 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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