



BOMAQ B30 MP 4WD TECHNICAL SPECIFICATIONS

MAIN FEATURES

Manufacturer	BOMAQ INDUSTRIES		
Model	B30 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	3000 (Kg)	6614 (Lb)
Load center	C.O.G.	500 (mm)	20 (in)

DIMENSIONS

Total length with std. forks (1200 mm / 47 in)	L	4230 (mm)	167 (in)
Length to forks carriage	L2	3030 (mm)	119 (in)
Distance between axles	y	1875 (mm)	74 (in)
Distance from carriage to front axle	x	655 (mm)	26 (in)
Rear overhung distance	z	500 (mm)	20 (in)
Minimum ground clearance	m	250 (mm)	10 (in)
Maximum height (Std. cabin)	h6 (Std. cabin)	2100 (mm)	83 (in)
	h6 (Low cabin)	1990 (mm)	78 (in)
Overall width	B	1475 (mm)	58 (in)
Front axle track width	b1	1145 (mm)	45 (in)
Rear axle track width	b2	1260 (mm)	50 (in)
Turning radius	Wa	2690 (mm)	106 (in)
Aisle width (europallet 1200 x 800 mm)	Ast	4645 (mm)	183 (in)

WEIGHTS (with std. mast & forks)

Total weight without load	4803 (Kg)	10589 (Lb)
Maximum load on front axle	7201 (Kg)	15875 (Lb)
Maximum load on rear axle	2450 (Kg)	5401 (Lb)
Total weight with load	7803 (Kg)	17203 (Lb)

TYRES

Front tyres sizes & patterns	MPT Standard	12 x 16.5
	Agriculture	11.5 / 80 - 15.3
	Industrial	12 x 16.5
Rear tyres sizes & patterns	MPT Standard	27 x 8.50 - 15
	Agriculture	7.00 x 12
	Industrial	7.00 x 12
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	404D22		
Maximum power	ISO 1585	48,7 (BHP)	36,3 (KW)
Maximum torque		142,7 (Nm)	105,2 (lbf ft)
Maximum rate	2800 (rpm)		
Emmissions certification	EU / EPA	STAGE IIIB / TIER 4 INTERIM	

ENGINE (optional)

Manufacturer	Caterpillar		
Model	C2.2		
Maximum power	ISO 1585	48,7 (BHP)	36,3 (KW)
Maximum torque		142,7 (Nm)	105,2 (lbf ft)
Maximum rate	2800 (rpm)		
Emmissions certification	EU / EPA	STAGE IIIB / TIER 4 INTERIM	

ENGINE (optional)

Manufacturer	Kubota		
Model	V2403-M-E3B		
Maximum power	ISO 1585	48,9 (BHP)	36,5 (KW)
Maximum torque		160 (Nm)	118 (lbf ft)
Maximum rate	2700 (rpm)		
Emmissions certification	EU / EPA	STAGE IIIA / TIER 4 INTERIM	

MAST

Standard mast	Duplex	2900 (mm)	114 (in)
Integrated side shift	yes		
4th valve to the carriage	yes		
Carriage type	DIN 15173	FEM III B	
Standard forks (width x thickness x length)	(mm) / (in)	100x45x1200	3,9x1,7x47
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	55,4 Lmin	68,7 Leq
At operator's head, closed cabin, engine idle	dB	65,9 Lmin	66,3 Leq
At operator's head, closed cabin, engine at full throttle	dB	34,1 Lmin	77,8 Leq

MISCELLANEOUS

Fuel tank capacity	70 (L)	15,4 (gal)
Hydraulic tank capacity	90 (L)	19,8 (gal)
Coolant capacity	12 (L)	2,6 (gal)
Engine oil capacity	10 (L)	2,2 (gal)
Electrical system voltage	12 (V)	

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