

BOMAQ B25 RT TYPE



TECHNICAL DATA SHEET



KEY FEATURES:

- FULL 4x4 POWER
- WORLWIDE SUPPORT
- FIRST CLASS COMPONENTS
- HYDROSTATIC TRANSMISSION
- WIDE APPLICATION AREA
- AMAZING SERIAL EQUIPMENT
- EASY MAINTENANCE
- ROBUST AND RELIABLE
- COMPACT SIZE

BOMAQ B25 RT TECHNICAL SPECIFICATIONS

WITH DOUBLE DIFFERENTIAL TRACTION AND HYDROSTATIC TRANSMISSION, THE RT TYPE WILL OFFER A PURE 4X4 PERFORMANCE, FOR THOSE GROUND CONDITIONS WHICH ARE SPECIALLY DIFFICULT, LIKE ICE, MUD OR SNOW, ... THE RT IS A GREAT SOLUTION FOR TOUGH APPLICATIONS!



MAIN FEATURES

Manufacturer	BOMAQ INDUSTRIES		
Model	B25 RT 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	2500 (Kg)	5512 (Lb)
Load center	C.O.G.	500 (mm)	20 (in)

DIMENSIONS

Total length with std. forks (1200 mm / 47 in)	L	4300 (mm)	169 (in)
Length to forks carriage	L2	3100 (mm)	122 (in)
Distance between axles	y	2000 (mm)	79 (in)
Distance from carriage to front axle	x	600 (mm)	24 (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	1240 (mm)	49 (in)
Rear axle track width	b2	1240 (mm)	49 (in)
Turning radius	Wa	3600 (mm)	142 (in)
Aisle width (europallet 1200 x 800 mm)	Ast	- (mm)	### (in)

WEIGHTS (with std. mast & forks)

Total weight without load	4200 (Kg)	9259 (Lb)
Maximum load on front axle	5775 (Kg)	12732 (Lb)
Maximum load on rear axle	2300 (Kg)	5071 (Lb)
Total weight with load	6700 (Kg)	14771 (Lb)

TYRES

Front tyres sizes & patterns	MPT Standard	12X16.5
Rear tyres sizes & patterns	MPT Standard	12X16.5
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	%	30 / 40
Transmission type	Hydrostatic	
Service pump pressure	250 (bar)	3626 (PSI)
Transmission pressure	420 (bar)	6092 (PSI)

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ENGINE (standard)

Manufacturer & Model (diesel)		Perkins 404D22 IOPU	
Maximum power (2800 rpm)	ISO 1585	49 (BHP)	36 (KW)
Maximum torque		143 (Nm)	105 (lbf ft)
Emissions certification	EU / EPA	STAGE 3A / TIER 4 INTERIM	

ENGINE (optional)

Manufacturer & Model (diesel)		Perkins 404J-E22T IOPU	
Maximum power (2800 rpm)	ISO 1585	60,3 (BHP)	45,0 (KW)
Maximum torque		222 (Nm)	163,7 (lbf ft)
Emmissions certification	EU / EPA	STAGE 5 / TIER 4F	

ENGINE (optional)

Manufacturer & Model (diesel)		Kubota V2403-CR	
Maximum power (2700 rpm)	ISO 1585	50 (BHP)	37 (KW)
Maximum torque		160 (Nm)	118 (lbf ft)
Emissions certification	EU / EPA	STAGE 3B / TIER 4 FINAL	

ENGINE (optional)

Manufacturer & Model (diesel)		Kubota D1803-CR	
Maximum power (2700 rpm)	ISO 1585	50 (BHP)	37 (KW)
Maximum torque		160 (Nm)	118 (lbf ft)
Emissions certification	EU / EPA	STAGE 5 / TIER 4 FINAL	

MAST

Standard mast	Duplex	2800 (mm)	110 (in)
Integrated side shift		yes	
4th valve to the carriage		optional	
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		60 (L)	13,2 (gal)
Hydraulic tank capacity		850 (L)	187,0 (gal)
Coolant capacity		12 (L)	2,6 (gal)
Engine oil capacity		10 (L)	2,2 (gal)
Electrical system voltage		12 (V)	

BOMAQ B25 RT 4WD TECHNICAL SPECIFICATIONS © 2.020

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