

# BOMAQ B50 MP TYP



## TECHNISCHES DATENBLATT



### HAUPTMERKMALE:

- **BESTE 4WD-MANÖVRIERFÄHIGKEIT**
- **WELTWEITER SUPPORT**
- **ERSTKLASSIGE KOMPONENTEN**
- **HYDROSTATISCHES GETRIEBE**
- **BREITES ANWENDUNGSGEBIET**
- **ERSTAUNLICHE SERIENAUSSTATTUNG**
- **EINFACHE WARTUNG**
- **ROBUST UND ZUVERLÄSSIG**
- **KOMPAKTE GRÖSSE**

**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   | 5375 (mm) | 212 (in) |
| Length to forks carriage                       | L2  | 3875 (mm) | 153 (in) |
| Distance between axles                         | y   | 2375 (mm) | 94 (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  | 3600 (mm) | 142 (in) |
| Aisle width (europallet 1200 x 800 mm)         | Ast | 5750 (mm) | 226 (in) |

**WEIGHTS (with std. mast & forks)**

|                            |            |            |
|----------------------------|------------|------------|
| Total weight without load  | 9090 (Kg)  | 20040 (Lb) |
| Maximum load on front axle | 12693 (Kg) | 27982 (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    | %                 | 20 / 30    |
| Transmission type & brand            | Linde Hydrostatic |            |
| Service pump pressure                | 250 (bar)         | 3626 (PSI) |
| Transmission pressure                | 420 (bar)         | 6092 (PSI) |



H+S GABELSTAPLER GMBH  
 Heegwaldstraße 9  
 63674 Altenstadt  
 Telefon (06047) 6603  
 Mail info@hs-gabelstapler.de

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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 |              |

**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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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, BOM AQ INDUSTRIES RESERVES THE RIGHT TO MODIFY THIS INFORMATION WITHOUT PREVIOUS COMMUNICATION.

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H+S GABELSTAPLER GMBH  
Heegwaldstraße 9  
63674 Altenstadt  
Telefon (06047) 6603  
Mail [info@hs-gabelstapler.de](mailto:info@hs-gabelstapler.de)