

Technical sheet :

M 26-2 D ST5



 **MANITOU**
HANDLING YOUR WORLD

| Technical characteristics | | Metric | |
|---------------------------|---|-----------|---------------------------|
| 1.1 | Manufacturer | | MANITOU |
| 1.2 | Model Name | | M 26-2 D ST5 |
| 1.3 | Power source | | Diesel |
| 1.4 | Operator type | | Seated |
| 1.5 | Max. capacity | Q | 2600 kg |
| 1.6 | Load center of gravity | c | 500 mm |
| 1.8 | Load distance, centre of drive axle to fork | x | 747 mm |
| 1.9 | Wheelbase | y | 1995 mm |
| Weight | | | |
| | Standard mast reference of the machine | | FVD 37 |
| 2.1 | Service weight | | 5590 kg |
| 2.2 | Weight on front axle (laden) / rear axle (laden) | | 6940 kg / 1250 kg |
| 2.3 | Weight on front axle (Unladen) / rear axle (Unladen) | | 2530 kg / 3060 kg |
| Wheels | | | |
| 3.1 | Tires type | | Pneumatic |
| 3.2 | Dimensions of front wheels | | 14,5R20 18PR MPT80 |
| 3.3 | Dimensions of rear wheels | | 10R17,5 G291 GY |
| 3.5 | Number of front wheels / rear wheels | | 2 / 2 |
| 3.5.2 | Number of drive wheels | | 2 |
| 3.6 | Front wheel gauge | b10 | 1550 mm |
| 3.7 | Rear wheel gauge | b11 | 1644 mm |
| Dimensions | | | |
| 4.7 | Overall height of low overhead guard (Buggie version) | h6 | 2450 mm |
| 4.8 | Seat height/stand height | h7 | 1420 mm |
| 4.19 | Overall length | l1 | 4701 mm |
| 4.20 | Length to face of forks | l2 | 3501 mm |
| 4.21 | Overall width | b1 | 1923 mm |
| 4.22 | Forks section x width x length | s / e / l | 40 mm x 125 mm / 1200 mm |
| 4.23 | Fork carriage ISO 2328 (class/form) A/B | | 3A |
| 4.24 | Fork carriage width | b3 | 1470 mm |
| 4.31 | Ground clearance below mast | m1 | 406 mm |
| 4.32 | Ground clearance at centre of wheelbase | m2 | 390 mm |
| 4.33 | Aisle width for 1000 x 1200 pallet widthways | Ast | 5360 mm |
| 4.34 | Aisle width for 800 x 1200 pallet lengthways | Ast | 5360 mm |
| 4.35 | Turning radius | Wa | 3220 mm |
| Performances | | | |
| 5.1 | Travel speed (laden / unladen) | | 22 km/h / 22 km/h |
| 5.2 | Lifting speed (laden / unladen) | | 0.60 m/s / 0.60 m/s |
| 5.3 | Lowering speed (laden / unladen) | | 0.40 m/s / 0.40 m/s |
| 5.5 | Drawbar pull (Laden / Unladen) | | 5380 daN / 2260 daN |
| 5.10 | Service brake | | Hydraulic |
| | Transmission type | | Torque converter |
| Engine | | | |
| 7.1 | Engine brand / model / norm | | Deutz / TCD 2,9 / Stage V |
| 7.2 | Engine power (Hp / kW) | | 75 Hp/55 kW |
| 7.3 | Rated speed | | 2300 rpm |
| 7.4 | Number of cylinders / Capacity of cylinders | | 4 - 2925 cm³ |
| Miscellaneous | | | |
| 8.2 | Working hydraulic pressure for attachments | | 185 bar |
| 8.3 | Oil flow rate for attachments | | 97 l/min |
| 8.4 | Sound level at the driver's ear according to DIN 12 053 | | 78 dB |

M 26-2 D ST5 - Dimensional drawing



Characteristics of masts and residual capacities

| Full Visibility Duplex (FVD) | FVD 37 | FVD 45 |
|---|--------|--------|
| α - Mast/fork carriage tilt, forward | 6 | 6 |
| β - Mast/fork carriage tilt, backward | 12 | 12 |
| h1 - Mast lowered height | 2696 | 3136 |
| h3 - Mast lifting height | 3700 | 4500 |
| h4 - Mast extended height | 4626 | 5426 |
| Residual capacity at max height | 2600 | 2600 |
| Residual capacity with hooked-on side shift at max height | 2600 | 2600 |
| Height at max capacity | 3700 | 4500 |
| Height at max capacity with hooked-on sideshift | 3700 | 4500 |

| Free Lift Triplex (FLT) | FLT 43 | FLT 50 | FLT 65 |
|---|--------|--------|--------|
| α - Mast/fork carriage tilt, forward | 6 | 6 | 6 |
| β - Mast/fork carriage tilt, backward | 12 | 12 | 12 |
| h1 - Mast lowered height | 2436 | 2696 | 3386 |
| h2 - Mast free lift | 1580 | 1840 | 2530 |
| h3 - Mast lifting height | 4300 | 5000 | 6500 |
| h4 - Mast extended height | 5234 | 5934 | 7434 |
| Height at max capacity | 2500 | 2500 | 2500 |

| Full Visibility Triplex (FVT) | FVT 55 |
|---|--------|
| α - Mast/fork carriage tilt, forward | 6 |
| β - Mast/fork carriage tilt, backward | 10 |
| h1 - Mast lowered height | 2966 |
| h3 - Mast lifting height | 5500 |
| h4 - Mast extended height | 6564 |
| Height at max capacity | 2500 |



Head Office

B.P. 249 - 430 rue de l'Aubinière
44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes