

Ficha técnica :

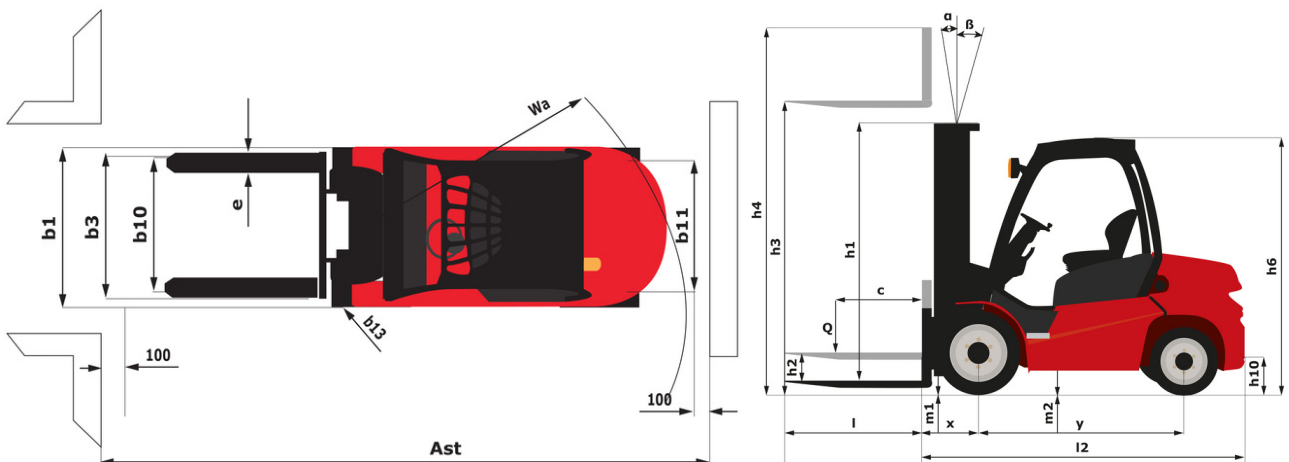
MI-X 35 G



 **MANITOU**
HANDLING YOUR WORLD

| Technical characteristics | | Métrico | |
|---------------------------|---|-----------|--------------------------|
| 1.1 | Manufacturer | | MANITOU |
| 1.2 | Model Name | | Mi9X 35 G |
| 1.3 | Power source | | Lpg |
| 1.4 | Operator type | | Seated |
| 1.5 | Max. capacity | Q | 3500 kg |
| 1.6 | Load center of gravity | c | 500 mm |
| 1.8 | Load distance, centre of drive axle to fork | x | 485 mm |
| 1.9 | Wheelbase | y | 1700 mm |
| Weight | | | |
| 2.1 | Service weight | | 4740 kg |
| 2.2 | Weight on front axle (laden) / rear axle (laden) | | 7260 kg / 980 kg |
| 2.3 | Weight on front axle (Unladen) / rear axle (Unladen) | | 1775 kg / 2965 kg |
| Wheels | | | |
| 3.1 | Tires type | | Inflatable |
| 3.2 | Dimensions of front wheels | | 28-9-15 12 |
| 3.3 | Dimensions of rear wheels | | 6.50-10 10 |
| 3.5 | Number of front wheels / rear wheels | | 2 / 2 |
| 3.5.2 | Number of drive wheels | | 2 |
| 3.6 | Front wheel gauge | b10 | 1005 mm |
| 3.7 | Rear wheel gauge | b11 | 975 mm |
| Dimensions | | | |
| 4.7 | Height of overhead guard (cabin) | h6 | 2130 mm |
| 4.8 | Seat height/stand height | h7 | 1215 mm |
| 4.12 | Height of towing bar (coupling height) | h10 | 360 mm |
| 4.19 | Overall length | l1 | 3935 mm |
| 4.20 | Length to face of forks | l2 | 2785 mm |
| 4.21 | Overall width | b1 | 1225 mm |
| 4.21 | Overall width - Single wheels | b1 | 1225 mm |
| 4.22 | Forks section / width / length | s / e / l | 50 mm x 122 mm x 1150 mm |
| 4.23 | Fork carriage ISO 2328 (class/form) A/B | | 3A |
| 4.24 | Fork carriage width | b3 | 1100 mm |
| 4.31 | Ground clearance below mast | m1 | 130 mm |
| 4.32 | Ground clearance at centre of wheelbase | m2 | 200 mm |
| 4.33 | Aisle Width for pallets 1000 x 1200 crossways | Ast | 4195 mm |
| 4.34 | Aisle width for 800 x 1200 pallet lengthways | Ast | 4395 mm |
| 4.35 | Turning radius | Wa | 2510 mm |
| 4.36 | Internal turning radius (over tyres) | b13 | 160 mm |
| Performances | | | |
| 5.1 | Travel speed (laden / unladen) | | 17 km/h-17.50 km/h |
| 5.2 | Lifting speed (laden / unladen) | | 0.40 m/s-0.52 m/s |
| 5.3 | Lowering speed (laden / unladen) | | 0.47 m/s-0.38 m/s |
| 5.5 | Drawbar pull (Laden / Unladen) | | 1750 daN / 1100 daN |
| 5.7 | Gradeability (laden / unladen) | | 18 % / 20 % |
| 5.10 | Service brake | | Hydraulic |
| Engine | | | |
| 7.1 | Engine brand / model | | GCT (ex-Nissan) / K25 |
| 7.2 | I.C. Engine power rating | | 35 kW |
| 7.3 | Rated speed | | 2400 rpm |
| 7.4 | Number of cylinders / Capacity of cylinders | | 4 - 2488 cm³ |
| | Energy consumption according to VDI cycle (Gas) | | 6.30 kg CO2/h |
| 6.6 | Energy consumption according to VDI cycle (kWh/h) | | 6.30 kWh |
| Miscellaneous | | | |
| 8.2 | Working hydraulic pressure for attachments | | 160 bar |
| 8.3 | Oil flow rate for attachments | | 72 l/min |
| 8.4 | Measured/guaranteed mean noise level at the ear of the operator | | < 80 dB |
| 8.4 | Sound level at the driver's ear according to DIN 12 053 | | 80 dB |

MI-X 35 G - Diagrama dimensional



Características de los mástiles y capacidad residual

| Full Visibility Duplex (FVD) | FVD 30 | FVD 33 | FVD 37 | FVD 40 | |
|--|--------|--------|--------|--------|------|
| α - Mast/fork carriage tilt, forward | ° | 6 | 6 | 6 | 6 |
| β - Mast/fork carriage tilt, backward | ° | 12 | 12 | 12 | 12 |
| h1 - Mast lowered height | mm | 2165 | 2315 | 2565 | 2715 |
| h2 - Mast free lift | mm | 145 | 145 | 145 | 145 |
| h3 - Mast lifting height | mm | 3000 | 3300 | 3700 | 4000 |
| h4 - Mast extended height | mm | 3815 | 4115 | 4515 | 4815 |
| Residual capacity at max height | kg | 3500 | 3500 | 3500 | 3500 |
| Residual capacity with integrated side shift at max height | kg | 3500 | 3500 | 3500 | 3500 |
| Height at max capacity | mm | 3000 | 3300 | 3700 | 4000 |
| Height at max capacity with integrated sideshift | mm | | 3300 | 3700 | 4000 |

| Free Lift Duplex (FLD) | FLD 33 | FLD 37 | FLD 40 | |
|--|--------|--------|--------|------|
| α - Mast/fork carriage tilt, forward | ° | 6 | 6 | 6 |
| β - Mast/fork carriage tilt, backward | ° | 12 | 12 | 12 |
| h1 - Mast lowered height | mm | 2330 | 2530 | 2680 |
| h2 - Mast free lift | mm | 1500 | 1700 | 1850 |
| h3 - Mast lifting height | mm | 3300 | 3700 | 4000 |
| h4 - Mast extended height | mm | 4130 | 4530 | 4830 |
| Residual capacity at max height | kg | 3500 | 3500 | 3500 |
| Residual capacity with integrated side shift at max height | kg | 3500 | 3500 | 3500 |
| Height at max capacity | mm | 3300 | 3700 | 4000 |
| Height at max capacity with integrated sideshift | mm | 3300 | 3700 | 4000 |

| Free Lift Triplex (FLT) | FLT 43 | FLT 45 | FLT 47 | FLT 48 | FLT 50 | FLT 55 | FLT 60 | FLT 65 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| α - Mast/fork carriage tilt, forward | ° | 6 | 6 | 3 | 3 | 6 | 6 | 3 |
| β - Mast/fork carriage tilt, backward | ° | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| h1 - Mast lowered height | mm | 2215 | 2265 | 2815 | 2965 | 2315 | 2365 | 2565 |
| h2 - Mast free lift | mm | 1385 | 1435 | 1985 | 2135 | 1485 | 1535 | 1735 |
| h3 - Mast lifting height | mm | 4300 | 4500 | 6000 | 6500 | 5000 | 5500 | 6500 |
| h4 - Mast extended height | mm | 5130 | 5380 | 6880 | 7330 | 5530 | 5630 | 6330 |
| Residual capacity at max height | kg | 3450 | 3400 | 3300 | 3300 | 3000 | 2200 | 1500 |
| Residual capacity with integrated side shift at max height | kg | 3450 | 3300 | 3200 | 3200 | 2900 | 2100 | 1400 |
| Height at max capacity | mm | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| Height at max capacity with integrated sideshift | mm | 4000 | 4000 | | | 4000 | | |



Oficina Central

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - Francia

Tel.: 00 33 (0)2 40 09 10 11 - Fax: 00 33 (0)2 40 09 10 97

www.manitou.com



Esta publicación describe las versiones y posibilidades de configuración de los productos Manitou que puedan diferir en equipamiento. Los equipamientos presentados en este folleto pueden ser de serie, opcionales o no estar disponibles en algunas versiones. Manitou se reserva el derecho, en cualquier momento y sin previo aviso, de modificar las especificaciones descritas y representadas. Las especificaciones aportadas no comprometen al fabricante. Para más información, póngase en contacto con su concesionario Manitou. Documento no contractual. Presentación de los productos no contractual. Lista de especificaciones no exhaustiva. Los logos y la identidad visual de la empresa son propiedad de Manitou y no pueden ser utilizados sin autorización. Todos los derechos reservados. Las fotos y los esquemas contenidos en este folleto se ofrecen para consulta y a título indicativo solamente.

Manitou BF SA - Sociedad anónima con Consejo de Administración - Capital social: 39 668 399 euros - 857 802 508 RCS Nantes