Technical sheet :





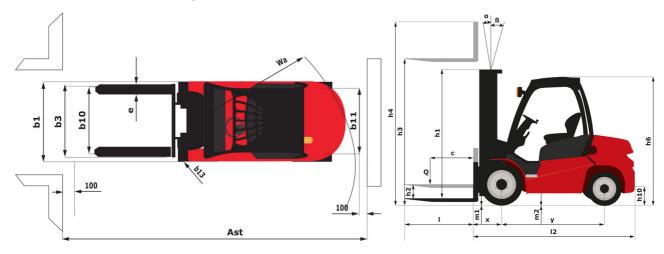


| | Technical characteristics | |
|------|---|---|
| 1.1 | Manufacturer | |
| 1.2 | Model Name | |
| 1.3 | Power source | |
| 1.4 | Operator type | |
| 1.5 | Max. capacity | |
| 1.6 | Load center of gravity | |
| 1.8 | Load distance, centre of drive axle to fork | |
| 1.9 | Wheelbase | |
| | Weight | |
| 2.1 | Service weight | |
| 2.2 | Weight on front axle (laden) / rear axle (laden) | |
| 2.3 | Weight on front axle (Unladen) / rear axle (Unladen) | |
| | Wheels | |
| 3.1 | Tires type | |
| 3.2 | Dimensions of front wheels | |
| 3.3 | Dimensions of rear wheels | |
| 3.5 | Number of front wheels / rear wheels | |
| .5.2 | Number of drive wheels | |
| 3.6 | Front wheel gauge | |
| 3.7 | Rear wheel gauge | |
| | Dimensions | |
| 4.7 | Height of overhead guard (cabin) | |
| 1.8 | Seat height/stand height | |
| .12 | Height of towing bar (coupling height) | |
| .19 | Overall length | |
| .20 | Length to face of forks | |
| .21 | Overall width | |
| .21 | Overall width - Single wheels | |
| 1.22 | Forks section / width / length | |
| 1.23 | Fork carriage ISO 2328 (class/form) A/B | |
| .24 | Fork carriage width | |
| 4.31 | Ground clearance below mast | |
| .32 | Ground clearance at centre of wheelbase | |
| .33 | Aisle Width for pallets 1000 x 1200 crossways | |
| .34 | Aisle width for 800 x 1200 pallet lengthways | |
| .35 | Tuming radius | |
| .36 | Internal turning radius (over tyres) | |
| .50 | Performances | |
| 5.1 | Travel speed (laden / unladen) | - |
| .2 | Lifting speed (laden / unladen) | |
| 5.3 | Lowering speed (laden / unladen) | |
| 5.5 | Drawbar pull (Laden / Unladen) | |
| 5.7 | Gradeability (laden / unladen) | |
| .10 | Service brake | |
| . 10 | Engine | |
| 1 | Engine Engine brand / model | - |
| .1 | - | |
| .2 | Engine power according to ISO 1585 | |
| .3 | Rated speed | |
| .4 | Number of cylinders / Capacity of cylinders | _ |
| | Miscellaneous | |
| .2 | Working hydraulic pressure for attachments | |
| .3 | Oil flow rate for attachments | |
| 3.4 | Measured/guaranteed mean noise level at the ear of the operator | |

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| MANITOU MI-X 30 D Diesel Seated 3000 kg 500 mm 480 mm 1700 mm 480 mm 1700 mm 480 mm 1700 mm 480 mm 1700 mm 4610 kg 6650 kg / 960 kg 1860 kg / 2750 kg 1860 kg / 2750 kg 1860 kg / 2750 kg 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm 975 mm 975 mm 2715 mm 1225 mm | Metric |
|--|------------------------------|
| Diesel Seated 3000 kg 500 mm 480 mm 1700 mm 480 mm 1700 mm 1700 mm 1700 mm 1700 mm 1700 mm 1860 kg / 2750 kg 1905 mm 2130 mm 1215 mm 355 mm 3875 mm 2715 mm 1225 mm 1225 mm 1225 mm 1225 mm 1225 mm 300 m 34 1100 mm 300 m 130 mm 130 mm 130 mm 130 mm 145 mx x 150 km/h 0.45 m/s-0.52 m/s 160 mm | MANITOU |
| Seated 3000 kg 500 mm 480 mm 1700 mm 4610 kg 66550 kg / 960 kg 1860 kg / 2750 kg Inflatable 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm 975 mm 2130 mm 1215 mm 355 mm 3875 mm 2715 mm 1225 mm 1225 mm 1225 mm 1225 mm 1225 mm 1225 mm 3875 mm 200 m 45 mm x 122 mm x 1150 mm 3A 1100 mm 130 mm 1225 mm 1225 mm 1225 mm 130 mm <t< td=""><td>MI-X 30 D</td></t<> | MI-X 30 D |
| 3000 kg 500 mm 480 mm 1700 mm 480 kg / 2750 kg 6650 kg / 960 kg 1860 kg / 2750 kg 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm 975 mm 2130 mm 1215 mm 355 mm 3875 mm 2715 mm 1225 mm 1225 mm 1225 mm 1225 mm 1225 mm 1225 mm 387 mm 2715 mm 387 mm 387 mm 2715 mm 387 mm 398 mm 398 | Diesel |
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| 480 mm 1700 mm 4610 kg 6650 kg / 960 kg 1860 kg / 2750 kg 1005 mm 2745 mm 1005 mm 1215 mm 1215 mm 1215 mm 1215 mm 1215 mm 1215 mm 1215 mm 1215 mm 1225 | 3000 kg |
| 1700 mm 4610 kg 6650 kg / 960 kg 1860 kg / 2750 kg 28-9-15 12 6.50-10 10 2 / 2 2 / 2 | 500 mm |
| 4610 kg 6650 kg / 960 kg 1860 kg / 2750 kg 1860 kg / 2750 kg 1860 kg / 2750 kg 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm 975 mm 975 mm 2130 mm 1215 mm 3875 mm 3875 mm 2715 mm 3875 mm 2715 mm 1225 mm 130 mm 200 mm 14140 mm 4340 mm 2460 mm 160 mm 160 mm 160 daN / 1380 daN 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm³ 160 bar 69 l/min 69 l/min 610 l/min 6 | 480 mm |
| 6650 kg / 950 kg 1860 kg / 2750 kg Inflatable 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm 975 mm 2130 mm 1215 mm 355 mm 3875 mm 2715 mm 1225 mm 130 mm 200 mm 160 mm 160 mm 160 mm 20 % / 20 % | 1700 mm |
| 6650 kg / 950 kg 1860 kg / 2750 kg Inflatable 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm 975 mm 2130 mm 1215 mm 355 mm 3875 mm 2715 mm 1225 mm 130 mm 200 mm 160 mm 160 mm 160 mm 20 % / 20 % | |
| 1860 kg / 2750 kg Inflatable 28:9-15 12 6.50-10 10 2 / 2 2 1005 mm 975 mm 2130 mm 1215 mm 3875 mm 2715 mm 1225 mm 130 mm 200 mm 45 mm x 122 mm x 1150 mm 30 200 mm 130 mm 200 mm 160 mm 160 mm 20 % / 20 % <td>4610 kg</td> | 4610 kg |
| Inflatable 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm 975 mm 975 mm 1005 mm 975 mm 1015 mm 10215 mm 10215 mm 10215 mm 10225 mm 10225 mm 10225 mm 10225 mm 10225 mm 10225 mm 100 mm 10225 mm 100 mm 1 | 6650 kg / 960 kg |
| 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm 975 mm 2130 mm 1215 mm 355 mm 3875 mm 2715 mm 1225 mm | 1860 kg / 2750 kg |
| 28-9-15 12 6.50-10 10 2 / 2 2 1005 mm 975 mm 2130 mm 1215 mm 355 mm 3875 mm 2715 mm 1225 mm | |
| 6.50-10 10 2 / 2 2 1005 mm 975 mm 2130 mm 1215 mm 355 mm 3875 mm 2715 mm 1225 mm 130 mm 200 mm 45 mm x 122 mm x 1150 mm 3A 1100 mm 130 mm 200 mm 44140 mm 4340 mm 200 mm 130 mm 200 mm 130 mm 200 mm 4140 mm 4340 mm 200 mm 4140 mm 40 m | Inflatable |
| 2 / 2 2 1005 mm 975 mm 2130 mm 1215 mm 355 mm 3875 mm 2715 mm 1225 | 28-9-15 12 |
| 2 1005 mm 975 mm 2130 mm 1215 mm 355 mm 355 mm 2715 mm 1225 mm 1225 mm 1225 mm 45 mm x 122 mm x 1150 mm 3A 1100 mm 45 mm x 122 mm x 1150 mm 3A 1100 mm 200 mm 45 mm x 120 mm 130 mm 200 mm 45 mm x 150 mm 3A 100 mm 3A 100 mm 3A 100 mm 3A 100 mm 3A 100 mm 3A 100 mm 3A 100 mm 3A 100 mm 3A 100 mm 4 130 mm 200 mm 4 130 mm 200 mm 4 140 mm 4 340 mm 200 mm 4 140 mm 4 340 mm 200 mm 4 130 mm 200 mm 4 130 mm 3A 200 mm 4 130 mm 200 mm 4 130 mm 3A 200 mm 4 350 km/h 38 0 daN 20 % / 20 % 4 ydraulic 2400 mm 4 - 3054 cm ³ 35 kW 2400 mm 4 - 3054 cm ³ | 6.50-10 10 |
| 1005 mm 975 mm 2130 mm 1215 mm 355 mm 3875 mm 23875 mm 23875 mm 1225 mm 1220 mm 45 mm x 122 mm x 1150 mm 3A 1100 mm 100 mm 44140 mm 4340 mm 200 mm 44140 mm 4340 mm 160 mm 160 mm 160 mm 18 km/h-18.50 km/h 0.45 m/s-0.52 m/s 1600 daN / 1380 daN 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ | 2 / 2 |
| 975 mm 2130 mm 1215 mm 355 mm 3875 mm 2715 mm 1225 | 2 |
| 2130 mm 1215 mm 355 mm 3875 mm 2715 mm 1225 mm 1225 mm 1225 mm 45 mm x 122 mm x 1150 mm 3A 1100 mm 3A 1100 mm 200 mm 4140 mm 200 mm 4140 mm 200 mm 130 mm 200 mm 4140 mm 4340 mm 20460 mm 160 mm 160 mm 20% / 20% 1600 daN / 1380 daN 20% / 20% Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 pm 4 - 3054 cm ³ 1600 bar 69 l/min 4 84 dB | 1005 mm |
| 1215 mm 1215 mm 355 mm 3875 mm 2715 mm 1225 mm 1225 mm 45 mm x 122 mm x 1150 mm 3A 1100 mm 130 mm 200 mm 4140 mm 200 mm 4140 mm 4340 mm 200 mm 160 mm 160 mm 160 mm 200 Å m/s 1600 daN / 1380 daN 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 pm 4 - 3054 cm ³ 1600 bar 69 l/min < 84 dB | 975 mm |
| 1215 mm 355 mm 355 mm 3875 mm 2715 mm 1225 mm 1225 mm 45 mm x 122 mm x 1150 mm 3A 1100 mm 3A 1100 mm 200 mm 4140 mm 200 mm 4140 mm 4340 mm 200 mm 130 mm 200 mm 4140 mm 4140 mm 4340 mm 200 mm 4140 mm 4140 mm 4340 mm 200 mm 4140 | |
| 355 mm 3875 mm 2715 mm 1225 mm 1225 mm 45 mm x 122 mm x 1150 mm 3A 3A 1100 mm 30 mm 200 mm 4140 mm 4140 mm 4140 mm 4340 mm 4440 mm 160 mm 160 mm 160 mm 160 mm 160 mm 20 % / 20 % 1600 daN / 1380 daN 20 % / 20 % Hydraulic 20 % / 20 % Hydraulic 20 % / 20 % Hydraulic 2400 rpm 4 - 3054 cm ³ | |
| 3875 mm 2715 mm 1225 mm 1225 mm 45 mm x 122 mm x 1150 mm 3A 3A 1100 mm 30 mm 200 mm 4140 mm 4140 mm 4140 mm 4140 mm 4140 mm 60 mm 160 bm 160 daN (1380 daN) 20 % / 20 % Hydraulic 160 daN (1380 daN) 20 % / 20 % 160 bar 69 l/min 6 l/min 6 l/min | |
| 2715 mm 1225 mm 1225 mm 45 mm x 122 mm x 1150 mm 3A 1100 mm 130 mm 200 mm 4140 mm 4140 mm 4340 mm 2460 mm 160 mm 160 mm 160 mm 160 mm 2460 mm 160 mm 18 km/h-18.50 km/h 0.45 m/s-0.52 m/s 0.43 m/s-0.48 m/s 1600 daN / 1380 daN 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min < 84 dB | |
| 1225 mm 1225 mm 45 mm x 122 mm x 1150 mm 3A 1100 mm 200 mm 4100 mm 200 mm 4140 mm 4340 mm 2460 mm 160 mm 160 mm 160 mm 160 mm 160 mm 2460 mm 2460 mm 2460 mm 20 % / 20 % 1600 daN / 1380 daN 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ 20 % | |
| 1225 mm 45 mm x 122 mm x 1150 mm 3A 3A 1100 mm 200 mm 200 mm 4140 mm 4340 mm 2460 mm 160 mm 160 mm 160 mm 18 km/h-18.50 km/h 0.45 m/s-0.52 m/s 0.43 m/s-0.48 m/s 1600 daN / 1380 daN 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min 69 l/min | |
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| 1100 mm 130 mm 200 mm 4140 mm 4340 mm 2460 mm 160 mm 160 mm 18 km/h-18.50 km/h 0.45 m/s-0.52 m/s 0.43 m/s-0.48 m/s 1600 daN / 1380 daN 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min 4 84 dB | |
| 130 mm 200 mm 200 mm 4140 mm 4340 mm 2460 mm 160 mm 18 km/h-18.50 km/h 0.45 m/s-0.52 m/s 0.43 m/s-0.48 m/s 1600 daN / 1380 daN 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min 6 9 l/min | |
| 200 mm 4140 mm 4340 mm 2460 mm 160 mm 18 km/h-18.50 km/h 0.45 m/s-0.52 m/s 0.43 m/s-0.48 m/s 1600 daN / 1380 daN 20 % / 20 % Hydraulic Vanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min 6 l/min | |
| 4140 mm 4340 mm 2460 mm 160 mm 18 km/h-18.50 km/h 0.45 m/s-0.52 m/s 0.43 m/s-0.48 m/s 1600 daN / 1380 daN 20 % / 20 % Hydraulic Vanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min 69 l/min | |
| 4340 mm 2460 mm 160 mm 18 km/h-18.50 km/h 0.45 m/s-0.52 m/s 0.43 m/s-0.48 m/s 1600 daN / 1380 daN 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 pm 4 - 3054 cm ³ 160 bar 69 l/min < 84 dB | |
| 2460 mm 160 mm 18 km/h-18.50 km/h 0.45 m/s-0.52 m/s 0.43 m/s-0.48 m/s 1600 daN / 1380 daN 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min < 84 dB | |
| 160 mm 18 km/h-18.50 km/h 0.45 m/s-0.52 m/s 0.43 m/s-0.48 m/s 1600 daN / 1380 daN 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min < 84 dB | |
| 18 km/h-18.50 km/h 0.45 m/s-0.52 m/s 0.43 m/s-0.48 m/s 1600 daN / 1380 daN 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min < 84 dB | |
| 0.45 m/s-0.52 m/s 0.43 m/s-0.48 m/s 1600 daN / 1380 daN 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min < 84 dB | |
| 0.43 m/s-0.48 m/s 1600 daN / 1380 daN 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min < 84 dB | 18 km/h-18.50 km/h |
| 1600 daN / 1380 daN 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min < 84 dB | 0.45 m/s-0.52 m/s |
| 20 % / 20 % Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm³ 160 bar 69 l/min < 84 dB | 0.43 m/s-0.48 m/s |
| Hydraulic Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min < 84 dB | 1600 daN / 1380 daN |
| Yanmar / 4TNV94L-BXPHZ 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min < 84 dB | 20 % / 20 % |
| 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min < 84 dB | Hydraulic |
| 35 kW 2400 rpm 4 - 3054 cm ³ 160 bar 69 l/min < 84 dB | |
| 2400 rpm 4 - 3054 cm³ 160 bar 69 l/min < 84 dB | |
| 4 - 3054 cm³ 160 bar 69 l/min < 84 dB | |
| 160 bar 69 l/min < 84 dB | |
| 69 l/min < 84 dB | 4 - 3054 cm ³ |
| 69 l/min < 84 dB | |
| < 84 dB | |
| | |
| 84 OB | |
| | 84 UB |

MI-X 30 D - Dimensional drawing



Characteristics of masts and residual capacities

| Full Visibility Duplex (FVD) | | FVD 30 | FVD 40 |
|--|----|--------|--------|
| Mast/fork carriage tilt, forward | ۰ | 6 | 6 |
| Mast/fork carriage tilt, backward | ۰ | 12 | 12 |
| h1 - Mast lowered height | mm | 2050 | 2650 |
| h2 - Mast free lift | mm | 145 | 145 |
| h3 - Mast lifting height | mm | 3000 | 4000 |
| h4 - Mast extended height | mm | 3735 | 4735 |
| Residual capacity at max height | kg | 3000 | 3000 |
| Residual capacity with integrated side shift at max heigth | kg | 3000 | 3000 |
| Height at max capacity | mm | 3000 | 4000 |
| Height at max capacity with integrated sideshift | mm | | 4000 |

| Free Lift Duplex (FLD) | | FLD 33 | FLD 37 | FLD 40 | FVD 33 |
|---|----|--------|--------|--------|--------|
| Mast/fork carriage tilt, forward | ۰ | 6 | 6 | 6 | 6 |
| Mast/fork carriage tilt, backward | ٥ | 12 | 12 | 12 | 12 |
| h1 - Mast lowered height | mm | 2230 | 2430 | 2580 | 2200 |
| h2 - Mast free lift | mm | 1475 | 1675 | 1825 | 145 |
| h3 - Mast lifting height | mm | 3300 | 3700 | 4000 | 3300 |
| h4 - Mast extended height | mm | 4055 | 4455 | 4755 | 4035 |
| Residual capacity at max height | kg | 3000 | 3000 | 3000 | 3000 |
| Residual capacity with integrated side shift at max heigth | kg | 3000 | 3000 | 3000 | 3000 |
| Height at max capacity | mm | 3300 | 3700 | 4000 | 3300 |
| Height at max capacity with integrated sideshift | mm | 3300 | 3700 | 4000 | 3300 |

| Free Lift Triplex (FLT) | | FLT 43 | FLT 45 | FLT 47 | FLT 55 | FLT 60 | FLT 65 |
|--|----|--------|--------|--------|--------|--------|--------|
| Mast/fork carriage tilt, forward | | б | 6 | 6 | 3 | 3 | 3 |
| Mast/fork carriage tilt, backward | ۰ | 6 | 6 | 6 | 6 | 6 | 6 |
| h1 - Mast lowered height | mm | 2115 | 2165 | 2215 | 2515 | 2765 | 2915 |
| h2 - Mast free lift | mm | 1360 | 1410 | 1460 | 1760 | 2010 | 2160 |
| h3 - Mast lifting height | mm | 4300 | 4500 | 4700 | 5500 | 6000 | 6500 |
| h4 - Mast extended height | mm | 5055 | 5305 | 5455 | 6255 | 6805 | 7255 |
| Residual capacity at max height | kg | 2950 | 2900 | 2800 | 1850 | 1400 | 1300 |
| Residual capacity with integrated side shift at max heigth | kg | 2850 | 2800 | 2700 | 1750 | 1300 | 1250 |
| Height at max capacity | mm | 4000 | 4000 | 4000 | 4000 | 4000 | 2500 |
| Height at max capacity with integrated sideshift | mm | 4000 | 4000 | 4000 | | | |



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



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