Technical sheet :

MC 25-2 ST5



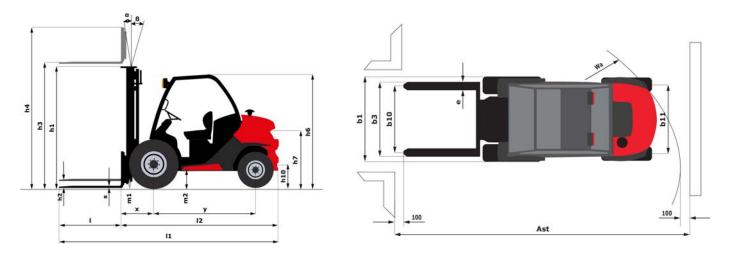


| 1.1 | |
|-------|--|
| 1.2 | |
| | |
| 1.3 | |
| 1.4 | |
| 1.5 | |
| 1.6 | |
| 1.8 | |
| 1.9 | |
| | |
| 2.1 | |
| 2.2 | |
| 2.3 | |
| | |
| 3.1 | |
| | |
| 3.2 | |
| 3.3 | |
| 3.5 | |
| 3.5.2 | |
| 3.6 | |
| 3.7 | |
| | |
| 4.1 | |
| 4.7 | |
| 4.7 | |
| 4.8 | |
| 4.19 | |
| | |
| 4.20 | |
| 4.21 | |
| 4.22 | |
| 4.23 | |
| 4.24 | |
| 4.31 | |
| 4.32 | |
| 4.33 | |
| 4.35 | |
| | |
| 5.1 | |
| 5.2 | |
| | |
| 5.3 | |
| 5.5 | |
| 5.10 | |
| | |
| 7.1 | |
| 7.2 | |
| 7.3 | |
| 7.4 | |
| 7.5 | |
| | |
| 8.1 | |
| 8.2 | |
| 8.3 | |
| | |
| 8.4 | |

| Fechnical characteristics | |
|---|--|
| Manufacturer | |
| Nodel Name | |
| Power source | |
| Dperator type | |
| Nax. capacity | |
| oad centre of gravity | |
| .oad distance, centre of drive axle to fork | |
| Wheelbase | |
| Neight | |
| Service weight | |
| Neight on front axle (laden) / rear axle (laden) | |
| Neight on front axle (Unladen) / rear axle (Unladen) | |
| Mheels | |
| lyres type | |
| Dimensions of front wheels | |
| Dimensions of rear wheels | |
| Number of front wheels / rear wheels | |
| Number of drive wheels | |
| Front wheel gauge | |
| Rear wheel gauge | |
| Dimensions | |
| Filt of Mast Forward (deg) / Backward (deg) | |
| Dverall height of standard overhead guard | |
| Overall height of low overhead guard (Buggie version) | |
| Seat height/stand height | |
| Dverall length | |
| ength to face of forks | |
| Dverall width | |
| -orks section / width / length | |
| ork carriage ISO 2328 (class/form) A/B | |
| Fork carriage width | |
| Ground clearance below mast | |
| Ground clearance at centre of wheelbase | |
| Aisle width for 1000 x 1200 pallet widthways | |
| Furning radius | |
| Performances | |
| Fravel speed (laden / unladen) | |
| .ifting speed (laden / unladen) | |
| .owering speed (laden / unladen) | |
| Drawbar pull (Laden / Unladen) | |
| Service brake | |
| Engine | |
| Engine brand / model / norm | |
| Engine power according to ISO 1585 | |
| Rated speed | |
| Number of cylinders / Capacity of cylinders | |
| Fuel consumption according to VDI cycle | |
| Viscellaneous | |
| Type of drive control | |
| ype of anye control | |
| Norking bydraulic pressure for attachments | |
| Norking hydraulic pressure for attachments Dil flow rate for attachments | |

| Metric Manitou MC 25-2 ST5 Diesel Seated Q 2500 kg c Sold and and and and and and and and and an | | | | | | | |
|--|-------|--------------------------------------|--|--|--|--|--|
| MC 25-2 ST5QDieselSeatedSeatedQ2500 kgc500 mmx621 mmy1900 mmM4003 kg5729 kg / 894 kg1606 kg / 2397 kgM1606 kg / 2397 kgM7.00 12/12 ED PLUS2 / 222b101159 mmb1111112 mmm2b101159 mmb111119 mmh6*1990 nmh6*1990 nmh71034 nm114195 nm123045 mmb11450 nms / e / l400 mm x 100 mm / 1200 mmm1300 nmm2320 nmAst4641 nmWa2620 nmM1300 nmm2320 nmAst4641 nmWa2620 nmf12 km/h / 24.5 km/h0.47 m/s / 0.46 m/s0.5 m/s / 0.3 m/s1800 daN / 910 daNHydraulic brakes by loss of pressureM2700 rpm3 - 1826 cm ³ 3 - 1826 c | | Metric | | | | | |
| Diesel Seated Q 2500 kg c 500 mm x 621 mm y 1900 mm 4003 kg 5729 kg / 894 kg 1606 kg / 2397 kg 1606 kg / 2397 kg Pneumatic 12,5/80-18/12 SL R4 7,00-12/12 ED PLUS 2/2 2 2 b10 1159 mm b11 11112 mm a 2 b10 1159 mm b11 1112 mm a 2 b10 1159 mm b11 1112 mm a 2 b10 1159 mm b1 200 mm h6* 1990 mm h7 1034 mm 11 4195 mm b2 3045 mm b1 1450 mm b3 1260 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm | | | | | | | |
| Q Seated Q 2500 kg x 621 mm y 1900 mm y 1900 mm y 1900 mm a 4003 kg 5729 kg / 894 kg 1606 kg / 2397 kg a 1606 kg / 2397 kg b 7.00-12/12 ED PLUS 2 / 2 2 b10 1159 mm b11 1112 mm a / β 12 / 10 h6* 1990 mm h6* 1990 mm h7 1034 mm 1 440 mm x 100 mm / 1200 mm s / e / 1 40 mm x 100 mm / 1200 mm b1 1450 mm s / e / 1 40 mm x 100 mm / 1200 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Max 4641 mm Wa 2620 mm Max 4641 mm Wa 2620 mm Max 4641 mm < | | | | | | | |
| Q2500 kgc500 mmx621 mmy1900 mmy1900 mm4003 kg5729 kg / 894 kg1606 kg / 2397 kg1606 kg / 2397 kg2700 r12/12 SL R47.00 r12/12 ED PLUS2 / 222b101159 mmb111112 mma/ β12 / 101662155 mmh6*1990 mmh6*1990 mmh6*1990 mmh6*1990 mmh6*1990 mmh71034 mm114195 mm123045 mmb11450 mms / e / l40 mm x 100 mm / 1200 mmrm1300 mmm1300 mmm2320 mmAst4641 mmWa2620 mmKubota / D1803 CRT ESB / Stage V37 kWZ700 rpm3 - 1826 cm³S / e //Electronic230 Bar431 //min | | | | | | | |
| c 500 mm x 621 mm y 1900 mm y 1900 mm y 1900 mm s729 kg / 894 kg 1606 kg / 2397 kg Pneumatic 125/80-18/12 SL R4 125/80-18/12 SL R4 7.00-12/12 ED PLUS 2 / 2 2 b10 1159 mm b11 1112 mm a /β h6* 1990 mm h7 1034 mm 11 4195 mm 12 3045 mm b1 1450 mm s / e / 1 40 mm x 100 mm / 1200 mm rKubota / maint 300 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm m1 300 mm m2 320 mm Maint 9.00 maint m2 320 mm m3 100 maint m4 9.040 ms/ 50.3 m/s m3 12 km/h / 24.5 km/h | | | | | | | |
| x 621 mm y 1900 mm 4003 kg 5729 kg / 894 kg 1606 kg / 2397 kg 1606 kg / 2397 kg 2 700 12/12 ED PLUS 2 / 2 2 b10 1159 mm b11 1112 mm a / β 12 / 10 h6 2155 mm h6* 1990 mm h7 1034 mm 11 4195 mm b2 3045 mm b3 1260 mm s / e / I 40 mm x 100 mm / 1200 mm s / e / I 40 mm x 100 mm b3 1260 mm m1 300 mm m2 320 mm m3 000 mm m4 300 mm m5 / e / I 40 mm x 100 mm / 1200 mm m4 300 mm m5 / e / I b3 1260 mm m1 300 mm m2 320 mm m3 0.47 m/s / 0.46 m/s 0.5 m/s / 0.35 m/s 1800 daN / 910 | Q | - | | | | | |
| y 1900 mm 4003 kg 5729 kg / 894 kg 1606 kg / 2397 kg Pneumatic 12,5/80-18/12 SL R4 7,00-12/12 ED PLUS 2/2 2 b10 1159 mm b11 2112 mm 6 12/10 h6 2155 mm h6* 1990 mm h7 1034 mm 11 4195 mm 12 3045 mm b1 1450 mm s / e / 1 40 mm x 100 mm / 1200 mm rEM 2A b3 1260 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm M 12 km/h / 24.5 km/h 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN Hydraulic brakes by loss of pressure 4 Kubota / D1803 CRT E5B / Stage V 37 kW 2700 rpm 3 - 1826 cm ³ 5,2 l/h Electronic 230 Bar 4 31/min | с | 500 mm | | | | | |
| 4003 kg 5729 kg / 894 kg 1606 kg / 2397 kg Pneumatic 125/80-18/12 SL R4 7.00-12/12 ED PLUS 2 / 2 0 2 / 2 10 1159 mm b10 1159 mm b11 1112 mm a / β 6 2 / 10 h6 11 41990 mm h7 1034 mm 12 3045 mm 12 300 mm m1 300 mm m2 320 mm Ast <t< th=""><th>х</th><th>621 mm</th></t<> | х | 621 mm | | | | | |
| 5729 kg / 894 kg 1606 kg / 2397 kg Pneumatic 125/80-18/12 SL R4 7.00-12/12 ED PLUS 2 / 2 2 b10 1159 mm b11 1112 mm a / β 12 / 10 h6 2155 mm h6* 1990 mm h7 1034 mm 11 4195 mm 12 3045 mm b1 1450 mm 12 3045 mm b1 1450 mm 12 300 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm 12 km/h / 24.5 km/h 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW 2700 rpm 3 - 1826 cm ³ | у | 1900 mm | | | | | |
| 5729 kg / 894 kg 1606 kg / 2397 kg Pneumatic 125/80-18/12 SL R4 7.00-12/12 ED PLUS 2 / 2 2 b10 1159 mm b11 1112 mm a / β 12 / 10 h6 2155 mm h6* 1990 mm h7 1034 mm 11 4195 mm 12 3045 mm b1 1450 mm 12 3045 mm b1 1450 mm 12 300 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm 12 km/h / 24.5 km/h 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW 2700 rpm 3 - 1826 cm ³ | | | | | | | |
| 1606 kg / 2397 kg Pneumatic 12,5/80-18/12 SL R4 7,00-12/12 ED PLUS 2 / 2 2 b10 1159 mm b11 12/10 h6 2155 mm h64 1990 mm h7 11 4195 mm 12 3045 mm 11 4195 mm 12 3045 mm 12 300 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm 12 km/h / 24.5 km/h 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN | | 4003 kg | | | | | |
| Pneumatic 12,5/80-18/12 SL R4 7.00-12/12 ED PLUS 2 / 2 2 b10 1159 mm b11 1112 mm a / β 12 / 10 h6 2155 mm h6* 1990 mm h7 1034 mm 11 4195 mm b1 11 4195 mm b2 3045 mm b1 1450 mm b2 3045 mm b3 122 3045 mm b3 1260 mm m1 300 mm m2 320 mm m3 12 km/h / 24.5 km/h 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW 2700 rpm 3. 1826 cm³ | | 5729 kg / 894 kg | | | | | |
| 12,5/80-18/12 SL R4 7,00-12/12 ED PLUS 2/2 2 b10 1159 mm b11 1112 mm a / β 12/10 h6 2155 mm h6* 1990 mm h7 1034 mm 11 4195 mm 12 3045 mm b1 11 4195 mm 12 3045 mm b1 14 90 mm / 1200 mm h7 1034 mm 12 3045 mm 12 3045 mm 12 3045 mm 12 3040 mm × 100 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm 12 km/h / 24.5 km/h 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s <td< th=""><th></th><th>1606 kg / 2397 kg</th></td<> | | 1606 kg / 2397 kg | | | | | |
| 12,5/80-18/12 SL R4 7,00-12/12 ED PLUS 2/2 2 b10 1159 mm b11 1112 mm a / β 12/10 h6 2155 mm h6* 1990 mm h7 1034 mm 11 4195 mm 12 3045 mm b1 11 4195 mm 12 3045 mm b1 14 90 mm / 1200 mm h7 1034 mm 12 3045 mm 12 3045 mm 12 3045 mm 12 3040 mm × 100 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm 12 km/h / 24.5 km/h 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s <td< th=""><th></th><th></th></td<> | | | | | | | |
| 7.00-12/12 ED PLUS 2 / 2 2 b10 1159 mm b11 1112 mm a / β 12 / 10 h6 2155 mm h6* 1990 mm h7 1034 mm 11 4195 mm b1 1450 mm b1 1450 mm b1 1450 mm b1 1450 mm b2 3045 mm b3 1260 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Max 0.47 m/s / 0.46 m/s 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW Cong 3- 1826 cm ³ S. 1826 cm ³ 5.2 l/h G 5.2 l/h G 5.2 l/h | | Pneumatic | | | | | |
| 2 / 2 b10 1159 mm b11 1112 mm a / β 12 / 10 h6 2155 mm h6* 1990 mm h7 1034 mm 11 4195 mm b1 14195 mm 12 3045 mm b1 1450 mm b1 1450 mm s / e / I 40 mm x 100 mm / 1200 mm m1 300 mm m2 320 mm m3 1260 mm m4 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Wa 2620 mm Max 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW Kubota / D1803 CRT E5B / Stage V 37 kW 2700 rpm 3 - 1826 cm³ 5.2 l/h 5.2 l/h Max Electronic 230 Bar 43 l/min | | 12,5/80-18/12 SL R4 | | | | | |
| 2 b10 1159 mm b11 1112 mm a / β 12 / 10 h6 2155 mm h6* 1990 mm h7 1034 mm l1 4195 mm l2 3045 mm b1 1450 mm b1 1450 mm b1 1450 mm b2 3045 mm b3 1260 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Max 12 km/h / 24.5 km/h 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW Corror pm 3 - 1826 cm³ S.2 l/h 30 Bar 43 l/min 30 Bar | | 7.00-12/12 ED PLUS | | | | | |
| b10 1159 mm b11 1112 mm α / β 12 / 10 h6 2155 mm h6* 1990 mm h7 1034 mm 11 4195 mm 12 3045 mm b1 1450 mm b1 1450 mm b1 1450 mm b1 3045 mm b2 3045 mm b3 1260 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Wa 2620 mm Max 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN Wa 2700 rpm S1 1826 cm³ 5.2 l/h Max 2700 rpm S2 l/h 30 Bar 43 l/min 30 Bar | | 2/2 | | | | | |
| b11 1112 mm α / β 12 / 10 h6 2155 mm h6* 1990 mm h7 1034 mm l1 4195 mm l2 3045 mm b1 1450 mm b1 40 mm x 100 mm / 1200 mm s / e / l 40 mm x 100 mm / 1200 mm b3 1260 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Wa 2620 mm Max 12 km/h / 24.5 km/h 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW Carron rpm 3. 1826 cm³ S.2 l/h 3. 1826 cm³ S.2 l/h 30 Bar 43 l/min 3. 1831 min | | 2 | | | | | |
| α / β 12 / 10 h6 2155 mm h6* 1990 mm h7 1034 mm l1 4195 mm l2 3045 mm b1 1450 mm b1 40 mm x 100 mm / 1200 mm s / e / l 40 mm x 100 mm / 1200 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Wa 2620 mm Ma 2620 mm Kubota / 24.5 km/h 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW Carron pm 3- 1826 cm³ S.2 l/h S.2 l/h S.2 l/h S.2 l/h | b10 | 1159 mm | | | | | |
| h6 2155 mm h6* 1990 mm h7 1034 mm l1 4195 mm l2 3045 mm b1 1450 mm b1 40 mm x 100 mm / 1200 mm s / e / l 40 mm x 100 mm / 1200 mm m1 300 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Ma 2620 mm Ma 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW Ma 2700 rpm 3 - 1826 cm³ 5.2 l/h Ma 230 Bar 43 l/min 300 Bar | b11 | 1112 mm | | | | | |
| h6 2155 mm h6* 1990 mm h7 1034 mm l1 4195 mm l2 3045 mm b1 1450 mm b1 40 mm x 100 mm / 1200 mm s / e / l 40 mm x 100 mm / 1200 mm m1 300 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Ma 2620 mm Ma 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW Ma 2700 rpm 3 - 1826 cm³ 5.2 l/h Ma 230 Bar 43 l/min 300 Bar | | | | | | | |
| h6 2155 mm h6* 1990 mm h7 1034 mm l1 4195 mm l2 3045 mm b1 1450 mm b1 40 mm x 100 mm / 1200 mm s / e / l 40 mm x 100 mm / 1200 mm m1 300 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Ma 2620 mm Ma 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW Ma 2700 rpm 3 - 1826 cm³ 5.2 l/h Ma 230 Bar 43 l/min 300 Bar | α/β | 12 / 10 | | | | | |
| h7 1034 mm l1 4195 mm l2 3045 mm b1 1450 mm b1 40 mm x 100 mm / 1200 mm s / e / l 40 mm x 100 mm / 1200 mm b3 1260 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Ma 12 km/h / 24.5 km/h O.47 m/s / 0.46 m/s 0.5 m/s Ma 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW Ma 2700 rpm 3 - 1826 cm ³ 5.2 l/h Ma 230 Bar Ha 43 l/min | | | | | | | |
| h7 1034 mm l1 4195 mm l2 3045 mm b1 1450 mm b1 40 mm x 100 mm / 1200 mm s / e / l 40 mm x 100 mm / 1200 mm b3 1260 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Ma 12 km/h / 24.5 km/h O.47 m/s / 0.46 m/s 0.5 m/s Ma 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW Ma 2700 rpm 3 - 1826 cm ³ 5.2 l/h Ma 230 Bar Ha 43 l/min | h6* | 1990 mm | | | | | |
| I1 4195 mm I2 3045 mm b1 1450 mm b1 40 mm x 100 mm / 1200 mm s / e / 1 40 mm x 100 mm / 1200 mm b3 1260 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Ma 12 km/h / 24.5 km/h Ma 0.47 m/s / 0.46 m/s Ma 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW Ma 2700 rpm Sa 1826 cm ³ 5.2 l/h Ma Electronic Ma 230 Bar | | | | | | | |
| l2 3045 mm b1 1450 mm s / e / l 40 mm x 100 mm / 1200 mm b3 1260 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Wa 2620 mm Mathematical and a state of the sta | 1 | | | | | | |
| b1 1450 mm s / e / l 40 mm x 100 mm / 1200 mm b3 1260 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm I 12 km/h / 24.5 km/h 0.47 m/s / 0.46 m/s 0.47 m/s 0.47 m/s / 0.3 m/s 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW I 2700 rpm 3. 1826 cm³ 5.2 l/h I Electronic I 230 Bar 43 l/min 131 l/min | | | | | | | |
| s / e / l 40 mm x 100 mm / 1200 mm b3 FEM 2A b3 1260 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm I 2 km/h / 24.5 km/h 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s I 12 km/h / 24.5 km/h I 0.5 m/s / 0.3 m/s I 1800 daN / 910 daN Hydraulic brakes by loss of pressure 37 kW I 2700 rpm 3. 1826 cm³ 5.2 l/h I Electronic 230 Bar 43 l/min | | | | | | | |
| FEM 2A b3 1260 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Wa 2620 mm Image: State of the state of | | | | | | | |
| b3 1260 mm m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Wa 2620 mm Image: State of the state of th | 3/0/1 | | | | | | |
| m1 300 mm m2 320 mm Ast 4641 mm Wa 2620 mm Wa 2620 mm Image: State of the state | h2 | | | | | | |
| m2320 mmAst4641 mmWa2620 mmWa2620 mmImage: State of the state o | | | | | | | |
| Ast 4641 mm Wa 2620 mm Image: Imag | | | | | | | |
| Wa 2620 mm Image: Wa with a state of the state | | | | | | | |
| 12 km/h / 24.5 km/h 12 km/h / 24.5 km/h 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN Hydraulic brakes by loss of pressure Kubota / D1803 CRT E5B / Stage V 37 kW 2700 rpm 3 - 1826 cm ³ 5.2 l/h Electronic 230 Bar 43 l/min | | | | | | | |
| 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN Hydraulic brakes by loss of pressure Kubota / D1803 CRT E5B / Stage V 37 kW 2700 rpm 3 - 1826 cm ³ 5.2 l/h Electronic 230 Bar 43 l/min | vva | 2620 11111 | | | | | |
| 0.47 m/s / 0.46 m/s 0.5 m/s / 0.3 m/s 1800 daN / 910 daN Hydraulic brakes by loss of pressure Kubota / D1803 CRT E5B / Stage V 37 kW 2700 rpm 3 - 1826 cm ³ 5.2 l/h Electronic 230 Bar 43 l/min | | 12 km2/b / 24 5 km2/b | | | | | |
| 0.5 m/s / 0.3 m/s1800 daN / 910 daNHydraulic brakes by loss of pressureKubota / D1803 CRT E5B / Stage V37 kW2700 rpm3 - 1826 cm³5.2 l/hElectronic230 Bar43 l/min | | | | | | | |
| 1800 daN / 910 daNHydraulic brakes by loss of pressureKubota / D1803 CRT ESB / Stage V37 kW2700 rpm3 - 1826 cm³5.2 l/hElectronic230 Bar43 l/min | | | | | | | |
| Hydraulic brakes by loss of pressure Hydraulic brakes by loss of pressure Kubota / D1803 CRT ESB / Stage V 37 kW 37 kW 2700 rpm 3 - 1826 cm ³ 5.2 l/h Electronic 230 Bar 43 l/min | | | | | | | |
| Kubota / D1803 CRT E5B / Stage V 37 kW 2700 rpm 3 - 1826 cm ³ 5.2 l/h Electronic 230 Bar 43 l/min | | | | | | | |
| 37 kW 2700 rpm 3 - 1826 cm ³ 5.2 l/h Electronic 230 Bar 43 l/min | | Hydraulic brakes by loss of pressure | | | | | |
| 37 kW 2700 rpm 3 - 1826 cm ³ 5.2 l/h Electronic 230 Bar 43 l/min | | | | | | | |
| 2700 rpm 3 - 1826 cm ³ 5.2 l/h Electronic 230 Bar 43 l/min | | - | | | | | |
| 3 - 1826 cm ³ 5.2 l/h Electronic 230 Bar 43 l/min | | | | | | | |
| 5.2 l/h Electronic 230 Bar 43 l/min | | | | | | | |
| Electronic 230 Bar 43 l/min | | | | | | | |
| 230 Bar 43 l/min | | 5.2 l/h | | | | | |
| 230 Bar 43 l/min | | | | | | | |
| 43 I/min | | Electronic | | | | | |
| | | 230 Bar | | | | | |
| < 75 dB(A) | | 43 l/min | | | | | |
| | | < 75 dB(A) | | | | | |

Dimensional drawing

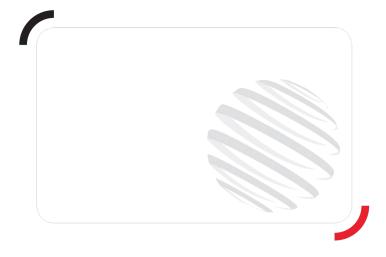


Characteristics of masts and residual capacities

| Full Visibility Duplex | | FVD 33 | FVD 37 | FVD 45 |
|--|----|---------|---------|---------|
| h1 - Height mast lowered * | mm | 2338 | 2598 | 3038 |
| h2 - Free lift | mm | 112 | 112 | 112 |
| h3 - Lifting Height | mm | 3300 | 3700 | 4500 |
| h4 - Height mast extended * | mm | 4090 | 4490 | 5290 |
| α / β - Mast inclination (front / rear) | ٥ | 12 / 10 | 12 / 10 | 12 / 10 |

| Free Lift Triplex | | FLT 34 | FLT 37 | FLT 40 | FLT 43 | FLT 47 | FLT 55 |
|---|----|---------|---------|---------|---------|---------|--------|
| h1 - Height mast lowered * | mm | 1988 | 2088 | 2188 | 2338 | 2438 | 2788 |
| h2 - Free lift | mm | 1210 | 1310 | 1410 | 1510 | 1660 | 1920 |
| h3 - Lifting Height | mm | 3300 | 3700 | 4000 | 4300 | 4700 | 5500 |
| h4 - Height mast extended * | mm | 4236 | 4536 | 4836 | 5168 | 5536 | 6408 |
| α/β - Mast inclination (front / rear) | ٥ | 12 / 10 | 12 / 10 | 12 / 10 | 12 / 10 | 12 / 10 | 6/6 |
| Residual capacity at max height | kg | | 1650 | | | | |
| Height at max capacity | mm | 3000 | | | | | |
| Residual capacity without attachment (Industrial load chart) | kg | | 1650 | | | | |
| Height at max capacity with hooked-on sideshift | mm | 3000 | | | | | |

| Full Visibility Triplex | | FVT 33 |
|--|----|---------|
| h1 - Height mast lowered * | mm | 1878 |
| h2 - Free lift | mm | 124 |
| h3 - Lifting Height | mm | 3300 |
| h4 - Height mast extended * | mm | 4079 |
| α/β - Mast inclination (front / rear) | ٥ | 12 / 10 |





Siège Social 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 brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in thisbrochure are provided for information only.

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