

Technical sheet :

TILTING FORK CARRIAGE (MRT - MHT)



Technical characteristics

- Tilting forks.
- Forks compliant with FEM standard, forks' length according to model.
- Note: road circulation kit mandatory in Italy. Contact your dealer.
- Note: road circulation kit mandatory in Germany on MRT Vision/Vision+. Contact your dealer.

[The 3D picture at the top of this page is the reference CAT 1320 / 6 T (a) - 52718348].

Customer benefits

- Efficient handling solution.

| Capacities | | CAT 1320 / 6 T (a) | CAT 1320 / 7 T (a) | CAT 1750 / 5 T (a) | CAT 1750 / 7 T (a) | CAT 1750 / 2.5 T | CAT 2000 / 5 T (a) | CAT 2000 / 7 T (a) | PFB 1320 (c4.5) | PFB 1320 (c4.5b) | PFB 1320 (c5-a) |
|----------------------------------|-----|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|--------------------|-----------------|------------------|-----------------|
| Capacity (kg) | | 6000 | 7000 | 5000 | 7000 | 2500 | 5000 | 7000 | 4500 | 4500 | 5000 |
| Weight and dimensions | | | | | | | | | | | |
| Overall height (mm) | h17 | 965 | 965 | 819 | 950 | 820 | 819 | 965 | 818 | 819 | 819 |
| Width (mm) | | 1404 | 1404 | 1834 | 1834 | 1834 | 2084 | 2084 | 1404 | 1404 | 1404 |
| Working Parameters | | | | | | | | | | | |
| Required machine equipment | | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| Minimum forks spread (mm) | b5 | 320 | 370 | 482 | 370 | 482 | 482 | 370 | 458 | 480 | 482 |
| Maximum forks spread (mm) | b5 | 1200 | 1250 | 1698 | 1690 | 1698 | 1850 | 1930 | 1125 | 1242 | 1242 |
| Available fork dimensions | | | | | | | | | | | |
| 125 x 50 x 1200 | | | | | | | | | 924877 | | |
| 150 x 50 x 1200 | | | | 52721175 | | | 52721208 | | | | 921245 |
| 100 x 60 x 1200 | | 52718348 | | | | | | | | | |
| 150 x 60 x 1200 | | | 52655420 | | 52655520 | | | 52655525 | | | |
| 150 x 50 x 1500 | | | | 52721176 | | | 52721209 | | | | |
| 100 x 60 x 1500 | | 52718356 | | | | | | | | | |
| 150 x 60 x 1500 | | | 52718373 | | 52718375 | | | 52718378 | | | |
| 150 x 50 x 1800 | | | | | | | | | | 52601398 | |
| 100 x 60 x 1800 | | 52718357 | | | | | | | | | |
| 150 x 60 x 1800 | | | 52718374 | | 52718377 | | | 52718379 | | | |
| 150 x 50 x 2000 | | | | | | 52721177 | 52721210 | | | | |

| Machines compatibility | | CAT 1320 / 6 T (a) | CAT 1320 / 7 T (a) | CAT 1750 / 5 T (a) | CAT 1750 / 7 T (a) | CAT 1750 / 2.5 T | CAT 2000 / 5 T (a) | CAT 2000 / 7 T (a) | PFB 1320 (c4.5) | PFB 1320 (c4.5b) | PFB 1320 (c5-a) |
|---------------------------------------|--|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|--------------------|-----------------|------------------|-----------------|
| MRT 1645 75 | | - | - | X | - | X | X | - | X | X | - |
| MRT 1645 115 | | - | - | X | - | X | X | - | X | X | - |
| MRT 1845 75 | | - | - | X | - | X | X | - | X | X | - |
| MRT 1845 115 | | - | - | X | - | X | X | - | X | X | - |
| MRT 2145 115 | | - | - | X | - | X | X | - | X | X | - |
| MRT 2260 | | X | - | - | X | - | - | X | - | - | - |
| MRT 2260 e | | X | - | - | X | - | - | X | - | - | - |
| MRT 2545 115 | | - | - | X | - | X | X | - | X | X | - |
| MRT 2570 | | - | X | - | X | - | - | X | - | - | - |
| MRT 2660 | | X | - | - | X | - | - | X | - | - | - |
| MRT 2660 e | | X | - | - | X | - | - | X | - | - | - |
| MRT 3060 | | X | - | - | X | - | - | X | - | - | - |
| MRT 3570 | | - | X | - | X | - | - | X | - | - | - |
| MRT 3570 ES | | - | X | - | X | - | - | X | - | - | - |
| MRT-FX 1645 | | - | - | X | - | X | X | - | X | X | - |
| MRT-FX 1845 | | - | - | X | - | X | X | - | X | X | - |
| MRT-FX 2145 | | - | - | X | - | X | X | - | X | X | - |
| MRT-FX 2260 | | X | - | - | X | - | - | X | - | - | - |
| MRT-FX 2545 | | - | - | X | - | X | X | - | X | X | - |
| MRT-FX 2570 | | - | X | - | X | - | - | X | - | - | - |
| MRT-FX 2660 | | X | - | - | X | - | - | X | - | - | - |
| MRT-FX 3060 | | X | - | - | X | - | - | X | - | - | - |
| MRT-FX 3570 | | - | X | - | X | - | - | X | - | - | - |
| MRT-FX 3570 ES | | - | X | - | X | - | - | X | - | - | - |
| MRT 1440 Easy T4 S2 400° OLD | | - | - | - | - | - | - | - | X | - | X |
| MRT 1640 Easy T4 S2 360° OLD | | - | - | - | - | - | - | - | X | - | X |
| MRT 1640 Easy T4 S2 400° OLD | | - | - | - | - | - | - | - | X | - | X |
| MRT 1840 Easy T4 S2 360° OLD | | - | - | - | - | - | - | - | X | - | X |
| MRT 1840 Easy T4 S2 400° OLD | | - | - | - | - | - | - | - | X | - | X |
| MRT 2145 Easy T4 S2 360° OLD | | - | - | - | - | - | - | - | X | - | X |
| MRT 2145 Easy T4 S2 400° OLD | | - | - | - | - | - | - | - | X | - | X |
| MRT 2150 Privilege Plus OLD | | X | - | - | X | - | - | X | - | - | X |
| MRT 2470 Privilege Plus OLD | | - | X | - | X | - | - | X | - | - | X |
| MRT 2545 Easy T4 S2 360° OLD | | - | - | - | - | - | - | - | X | - | X |
| MRT 2545 Easy T4 S2 400° OLD | | - | - | - | - | - | - | - | X | - | X |
| MRT 2550 Privilege Plus OLD | | X | - | - | X | - | - | X | - | - | X |
| MRT 3050 Privilege Plus OLD | | X | - | - | X | - | - | X | - | - | X |
| MRT 3255 Privilege Plus OLD | | - | X | - | X | - | - | X | - | - | - |
| MRT-FX 1840 Easy 360° OLD | | - | - | - | - | - | - | - | X | - | X |
| MRT-FX 1840 Easy 400° OLD | | - | - | - | - | - | - | - | X | - | X |
| MRT-FX 2145 Easy 360° OLD | | - | - | - | - | - | - | - | X | - | X |
| MRT-FX 2145 Easy 400° OLD | | - | - | - | - | - | - | - | X | - | X |
| MRT-FX 2150 Privilege Plus OLD | | X | - | - | X | - | - | X | - | - | X |
| MRT-FX 2470 Privilege Plus OLD | | - | X | - | X | - | - | X | - | - | X |
| MRT-FX 2545 Easy 360° OLD | | - | - | - | - | - | - | - | X | - | X |
| MRT-FX 2545 Easy 400° OLD | | - | - | - | - | - | - | - | X | - | X |
| MRT-FX 2550 Privilege Plus OLD | | X | - | - | X | - | - | X | - | - | X |
| MRT-FX 3050 Privilege Plus OLD | | X | - | - | X | - | - | X | - | - | X |
| MRT-FX 3255 Privilege Plus OLD | | - | X | - | X | - | - | X | - | - | - |

| Capacities | | PFB 1320 (c5-b) | PFB 1320 (c5-c) | PFB 1320 (c5-d) | PFB 1320 (c7-a) | PFB 1320 (c7-b) | PFB 1750 (c5-a) | PFB 1750 (c5-b) | PFB 1750 (c5-c) | PFB 1750 (c7) | PFB 1750 (c9) |
|----------------------------------|-----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|---------------|
| Capacity (kg) | | 5000 | 5000 | 5000 | 7000 | 7000 | 5000 | 5000 | 5000 | 7000 | 9000 |
| Weight and dimensions | | | | | | | | | | | |
| Overall height (mm) | h17 | 943 | 819 | 819 | 1431 | 1431 | - | - | 819 | 1431 | 832 |
| Width (mm) | | 1404 | 1404 | 1404 | 1420 | 1420 | 1750 | 1750 | 1834 | 1850 | 1834 |
| Working Parameters | | | | | | | | | | | |
| Required machine equipment | | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| Minimum forks spread (mm) | b5 | - | 482 | 482 | 370 | 370 | - | - | 482 | 370 | 420 |
| Maximum forks spread (mm) | b5 | - | 1242 | 1242 | 1250 | 1250 | - | - | 1698 | 1690 | 1730 |
| Available fork dimensions | | | | | | | | | | | |
| 150 x 50 x 1200 | | 53009916 | 52576641 | 923864 | | | 921246 | 53010108 | 52579341 | | |
| 150 x 60 x 1200 | | | | | 52585460 | 52587815 | | | | | |
| 200 x 60 x 1200 | | | | | | | | | | | 939056 |
| 150 x 50 x 1500 | | | | | | | 921529 | | 52579342 | | |
| 200 x 60 x 1500 | | | | | | | | | | | 53021960 |
| 150 x 60 x 1600 | | | | | | | | | | 52581520 | |
| 150 x 50 x 1800 | | | | 923865 | | | | | | | |
| 200 x 60 x 2000 | | | | | | | | | | | 53025302 |

| Machines compatibility | PFB 1320 (c5-b) | PFB 1320 (c5-c) | PFB 1320 (c5-d) | PFB 1320 (c7-a) | PFB 1320 (c7-b) | PFB 1750 (c5-a) | PFB 1750 (c5-b) | PFB 1750 (c5-c) | PFB 1750 (c7) | PFB 1750 (c9) |
|--------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|---------------|
| MHT 790 Mining ST5 | - | - | - | - | - | - | - | - | - | X |
| MHT 790 ST5 | - | - | - | - | - | - | - | - | - | X |
| MHT-X 790 ST3A | - | - | - | - | - | - | - | - | - | X |
| MHT 790 OLD | - | - | - | - | - | - | - | - | - | X |
| MHT-X 790 OLD | - | - | - | - | - | - | - | - | - | X |
| MHT-X 790 Mining OLD | - | - | - | - | - | - | - | - | - | X |
| MRT 1440 Easy T4 S2 400° OLD | - | - | X | - | - | X | - | - | - | - |
| MRT 1640 Easy T4 S2 360° OLD | - | - | X | - | - | X | - | - | - | - |
| MRT 1640 Easy T4 S2 400° OLD | - | - | X | - | - | X | - | - | - | - |
| MRT 1840 Easy T4 S2 360° OLD | - | - | X | - | - | X | - | - | - | - |
| MRT 1840 Easy T4 S2 400° OLD | - | - | X | - | - | X | - | - | - | - |
| MRT 2145 Easy T4 S2 360° OLD | - | - | X | - | - | X | - | - | - | - |
| MRT 2145 Easy T4 S2 400° OLD | - | - | X | - | - | X | - | - | - | - |
| MRT 2150 Privilege Plus OLD | - | - | X | - | - | X | - | - | - | - |
| MRT 2470 Privilege Plus OLD | - | X | - | X | X | - | - | X | X | - |
| MRT 2545 Easy T4 S2 360° OLD | - | - | X | - | - | X | - | - | - | - |
| MRT 2545 Easy T4 S2 400° OLD | - | - | X | - | - | X | - | - | - | - |
| MRT 2550 Privilege Plus OLD | - | - | X | - | - | X | - | - | - | - |
| MRT 3050 Privilege Plus OLD | - | X | - | - | - | - | - | X | - | - |
| MRT 3255 Privilege Plus OLD | X | - | - | - | - | - | X | - | - | - |
| MRT-X 1840 Easy 360° OLD | - | - | X | - | - | X | - | - | - | - |
| MRT-X 1840 Easy 400° OLD | - | - | X | - | - | X | - | - | - | - |
| MRT-X 2145 Easy 360° OLD | - | - | X | - | - | X | - | - | - | - |
| MRT-X 2145 Easy 400° OLD | - | - | X | - | - | X | - | - | - | - |
| MRT-X 2150 Privilege Plus OLD | - | - | X | - | - | X | - | - | - | - |
| MRT-X 2470 Privilege Plus OLD | - | X | - | X | X | - | - | X | X | - |
| MRT-X 2545 Easy 360° OLD | - | - | X | - | - | X | - | - | - | - |
| MRT-X 2545 Easy 400° OLD | - | - | X | - | - | X | - | - | - | - |
| MRT-X 2550 Privilege Plus OLD | - | - | X | - | - | X | - | - | - | - |
| MRT-X 3050 Privilege Plus OLD | - | X | - | - | - | - | - | X | - | - |
| MRT-X 3255 Privilege Plus OLD | X | - | - | - | - | - | X | - | - | - |

| Capacities | | PFB 2000 (c5-a) | PFB 2000 (c5-b) | PFB 2000 (c5-c) | PFB 2000 (c7) | PFB 2000 (c9) |
|----------------------------------|-----|-----------------|-----------------|-----------------|---------------|---------------|
| Capacity (kg) | | 5000 | 5000 | 5000 | 7000 | 9000 |
| Weight and dimensions | | | | | | |
| Overall height (mm) | h17 | - | 1440 | 819 | 1431 | 832 |
| Width (mm) | | 2000 | 2100 | 2095 | 2100 | 2084 |
| Working Parameters | | | | | | |
| Required machine equipment | | ✗ | ✗ | ✗ | ✗ | ✗ |
| Minimum forks spread (mm) | b5 | - | - | 482 | 370 | 420 |
| Maximum forks spread (mm) | b5 | - | - | 1980 | 1930 | 1980 |
| Available fork dimensions | | | | | | |
| 150 x 50 x 1200 | | 921247 | 53010112 | 52579343 | | |
| 200 x 60 x 1200 | | | | | | 939058 |
| 150 x 50 x 1500 | | 921533 | | 52579344 | | |
| 200 x 60 x 1500 | | | | | | 53022163 |
| 150 x 60 x 1600 | | | | | 52581550 | |
| 200 x 60 x 2000 | | | | | | 53025305 |

| Machines compatibility | PFB 2000 (c5-a) | PFB 2000 (c5-b) | PFB 2000 (c5-c) | PFB 2000 (c7) | PFB 2000 (c9) |
|--------------------------------------|-----------------|-----------------|-----------------|---------------|---------------|
| MHT 790 Mining ST5 | - | - | - | - | X |
| MHT 790 ST5 | - | - | - | - | X |
| MHT-X 790 ST3A | - | - | - | - | X |
| MHT 790 OLD | - | - | - | - | X |
| MHT-X 790 OLD | - | - | - | - | X |
| MHT-X 790 Mining OLD | - | - | - | - | X |
| MRT 1440 Easy T4 S2 400° OLD | X | - | - | - | - |
| MRT 1640 Easy T4 S2 360° OLD | X | - | - | - | - |
| MRT 1640 Easy T4 S2 400° OLD | X | - | - | - | - |
| MRT 1840 Easy T4 S2 360° OLD | X | - | - | - | - |
| MRT 1840 Easy T4 S2 400° OLD | X | - | - | - | - |
| MRT 2145 Easy T4 S2 360° OLD | X | - | - | - | - |
| MRT 2145 Easy T4 S2 400° OLD | X | - | - | - | - |
| MRT 2150 Privilege Plus OLD | X | - | - | - | - |
| MRT 2470 Privilege Plus OLD | - | - | X | X | - |
| MRT 2545 Easy T4 S2 360° OLD | X | - | - | - | - |
| MRT 2545 Easy T4 S2 400° OLD | X | - | - | - | - |
| MRT 2550 Privilege Plus OLD | X | - | - | - | - |
| MRT 3050 Privilege Plus OLD | - | - | X | - | - |
| MRT 3255 Privilege Plus OLD | - | X | - | - | - |
| MRT-X 1840 Easy 360° OLD | X | - | - | - | - |
| MRT-X 1840 Easy 400° OLD | X | - | - | - | - |
| MRT-X 2145 Easy 360° OLD | X | - | - | - | - |
| MRT-X 2145 Easy 400° OLD | X | - | - | - | - |
| MRT-X 2150 Privilege Plus OLD | X | - | - | - | - |
| MRT-X 2470 Privilege Plus OLD | - | - | X | X | - |
| MRT-X 2545 Easy 360° OLD | X | - | - | - | - |
| MRT-X 2545 Easy 400° OLD | X | - | - | - | - |
| MRT-X 2550 Privilege Plus OLD | X | - | - | - | - |
| MRT-X 3050 Privilege Plus OLD | - | - | X | - | - |
| MRT-X 3255 Privilege Plus OLD | - | X | - | - | - |

| TABLE SYMBOL | | | | | |
|---|----------------------------|---|-------------------------|---|---|
|  | No predisposition required |  | Hydraulic line |  | Return piping to hydraulic oil tank |
|  | Electric predisposition |  | Platform predisposition |  | Tyre handler, cylinder handler predisposition |



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