

Technical sheet :

TILTING FORK CARRIAGE (MRT - MHT)



Customer benefits

- Efficient handling solution.

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].

| 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-X 1645 | | - | - | X | - | X | X | - | X | X | - |
| MRT-X 1845 | | - | - | X | - | X | X | - | X | X | - |
| MRT-X 2145 | | - | - | X | - | X | X | - | X | X | - |
| MRT-X 2260 | | X | - | - | X | - | - | X | - | - | - |
| MRT-X 2545 | | - | - | X | - | X | X | - | X | X | - |
| MRT-X 2570 | | - | X | - | X | - | - | X | - | - | - |
| MRT-X 2660 | | X | - | - | X | - | - | X | - | - | - |
| MRT-X 3060 | | X | - | - | X | - | - | X | - | - | - |
| MRT-X 3570 | | - | X | - | X | - | - | X | - | - | - |
| MRT-X 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-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 | - | - | X | - | - | X |
| MRT-X 2470 Privilege Plus OLD | | - | 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 | - | - | X | - | - | X |
| MRT-X 3050 Privilege Plus OLD | | X | - | - | X | - | - | X | - | - | X |
| MRT-X 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 |



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