

Technical sheet :

# ***TILTING FORK CARRIAGE WITH SIDE SHIFT (MRT - MHT)***

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## **Customer benefits**

- Efficient handling solution.

## **Technical characteristics**

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

| Capacities                |     | CAT 2000 / 7<br>T (a)                                                             | PFB 1320<br>(c4.5)                                                                | PFB 1320<br>(c4.5b)                                                               | PFB 1320<br>(c4.9-a)                                                              | PFB 1320<br>(c4.9-d)                                                              | PFB 1320<br>(c4.9-e)                                                               | PFB 1750<br>(c4.9-a)                                                                | PFB 1750<br>(c4.9-b)                                                                | PFB 1750 (c9)                                                                       | PFB 2000<br>(c4.9-a)                                                                |
|---------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Capacity (kg)             |     | 7000                                                                              | 4500                                                                              | 4500                                                                              | 4999                                                                              | 4900                                                                              | 4900                                                                               | 4900                                                                                | 4900                                                                                | 9000                                                                                | 4900                                                                                |
| Weight and dimensions     |     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Overall height (mm)       | h17 | 1000                                                                              | 819                                                                               | 821                                                                               | 821                                                                               | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   | 832                                                                                 | -                                                                                   |
| Width (mm)                |     | 2000                                                                              | 1404                                                                              | 1406                                                                              | 1406                                                                              | 1320                                                                              | 1320                                                                               | 1750                                                                                | 1750                                                                                | 1834                                                                                | 2000                                                                                |
| Working Parameters        |     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Machine Equipment         |     |  |  |  |  |  |  |  |  |  |  |
| Side shift (mm)           |     | 100                                                                               | 100                                                                               | 100                                                                               | 100                                                                               | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   | 100                                                                                 | -                                                                                   |
| Fork spread minimum (mm)  | b5  | 417                                                                               | 482                                                                               | 392                                                                               | 417                                                                               | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   | 467                                                                                 | -                                                                                   |
| Fork spread maximum (mm)  | b5  | 1839                                                                              | 1242                                                                              | 1292                                                                              | 1317                                                                              | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   | 1640                                                                                | -                                                                                   |
| Available fork dimensions |     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 120 x 50 x 1200           |     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    | 921242                                                                              |                                                                                     |                                                                                     | 921243                                                                              |
| 125 x 50 x 1200           |     |                                                                                   |                                                                                   | 924878                                                                            |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 150 x 50 x 1200           |     |                                                                                   |                                                                                   |                                                                                   | 921241                                                                            | 53010106                                                                          | 923858                                                                             |                                                                                     | 53010110                                                                            |                                                                                     |                                                                                     |
| 150 x 60 x 1200           |     | 52712870                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 200 x 60 x 1200           |     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | 939057                                                                              |                                                                                     |
| 150 x 50 x 1500           |     |                                                                                   | 921525                                                                            |                                                                                   | 921513                                                                            |                                                                                   | 923859                                                                             | 921517                                                                              |                                                                                     |                                                                                     | 921521                                                                              |
| 150 x 60 x 1500           |     | 52719378                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 200 x 60 x 1500           |     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | 53025304                                                                            |                                                                                     |
| 150 x 50 x 2000           |     |                                                                                   |                                                                                   |                                                                                   | 921514                                                                            |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 150 x 60 x 2000           |     | 52719379                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 200 x 60 x 2000           |     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | 53025303                                                                            |                                                                                     |

| Machines compatibility               | CAT 2000 / 7<br>T (a) | PFB 1320<br>(c4.5) | PFB 1320<br>(c4.5b) | PFB 1320<br>(c4.9-a) | PFB 1320<br>(c4.9-d) | PFB 1320<br>(c4.9-e) | PFB 1750<br>(c4.9-a) | PFB 1750<br>(c4.9-b) | PFB 1750 (c9) | PFB 2000<br>(c4.9-a) |
|--------------------------------------|-----------------------|--------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------|----------------------|
| MHT 790 ST5                          | -                     | -                  | -                   | -                    | -                    | -                    | -                    | -                    | X             | -                    |
| MHT-X 790 Mining                     | -                     | -                  | -                   | -                    | -                    | -                    | -                    | -                    | X             | -                    |
| MHT-X 790 ST3A                       | -                     | -                  | -                   | -                    | -                    | -                    | -                    | -                    | X             | -                    |
| MRT 1645 75                          | -                     | X                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 1645 115                         | -                     | X                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 1845 75                          | -                     | X                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 1845 115                         | -                     | X                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 2145 115                         | -                     | X                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 2260                             | X                     | -                  | X                   | X                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 2545 115                         | -                     | X                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 2570                             | X                     | -                  | X                   | X                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 2660                             | X                     | -                  | X                   | X                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 3060                             | X                     | -                  | X                   | X                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 3570                             | X                     | -                  | X                   | X                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 3570 ES                          | X                     | -                  | X                   | X                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 1645                           | -                     | X                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 1845                           | -                     | X                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 2145                           | -                     | X                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 2260                           | X                     | -                  | X                   | X                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 2545                           | -                     | 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                    | -                    | -                    | -                    | -                    | -             | -                    |
| MHT 790 <b>OLD</b>                   | -                     | -                  | -                   | -                    | -                    | -                    | -                    | -                    | X             | -                    |
| MHT-X 790 <b>OLD</b>                 | -                     | -                  | -                   | -                    | -                    | -                    | -                    | -                    | X             | -                    |
| MRT 1440 Easy T4 S2 400° <b>OLD</b>  | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 1640 Easy T4 S2 360° <b>OLD</b>  | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 1640 Easy T4 S2 400° <b>OLD</b>  | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 1840 Easy T4 S2 400° <b>OLD</b>  | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 2145 Easy T4 S2 360° <b>OLD</b>  | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 2145 Easy T4 S2 400° <b>OLD</b>  | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 2150 Privilege Plus <b>OLD</b>   | X                     | -                  | -                   | X                    | -                    | X                    | X                    | -                    | -             | X                    |
| MRT 2470 Privilege Plus <b>OLD</b>   | X                     | -                  | -                   | X                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 2545 Easy T4 S2 360° <b>OLD</b>  | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 2545 Easy T4 S2 400° <b>OLD</b>  | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 2550 Privilege Plus <b>OLD</b>   | X                     | -                  | -                   | X                    | -                    | X                    | X                    | -                    | -             | X                    |
| MRT 3050 Privilege Plus <b>OLD</b>   | X                     | -                  | -                   | X                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT 3255 Privilege Plus <b>OLD</b>   | X                     | -                  | -                   | -                    | X                    | -                    | -                    | X                    | -             | -                    |
| MRT-X 1440 Easy 400° <b>OLD</b>      | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 1640 Easy 360° <b>OLD</b>      | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 1640 Easy 400° <b>OLD</b>      | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 1840 Easy 360° <b>OLD</b>      | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 1840 Easy 400° <b>OLD</b>      | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 2145 Easy 360° <b>OLD</b>      | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 2145 Easy 400° <b>OLD</b>      | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 2150 Privilege Plus <b>OLD</b> | X                     | -                  | -                   | X                    | -                    | X                    | X                    | -                    | -             | X                    |
| MRT-X 2470 Privilege Plus <b>OLD</b> | X                     | -                  | -                   | X                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 2545 Easy 360° <b>OLD</b>      | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 2545 Easy 400° <b>OLD</b>      | -                     | -                  | X                   | -                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 2550 Privilege Plus <b>OLD</b> | X                     | -                  | -                   | X                    | -                    | X                    | X                    | -                    | -             | X                    |
| MRT-X 3050 Privilege Plus <b>OLD</b> | X                     | -                  | -                   | X                    | -                    | -                    | -                    | -                    | -             | -                    |
| MRT-X 3255 Privilege Plus <b>OLD</b> | X                     | -                  | -                   | -                    | X                    | -                    | -                    | X                    | -             | -                    |

| Capacities                |     | PFB 2000<br>(c4, 9-b)                                                             | PFB 2000 (c9)                                                                     |
|---------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Capacity (kg)             |     | 4900                                                                              | 9000                                                                              |
| Weight and dimensions     |     |                                                                                   |                                                                                   |
| Overall height (mm)       | h17 | -                                                                                 | 875                                                                               |
| Width (mm)                |     | 2000                                                                              | 1990                                                                              |
| Working Parameters        |     |                                                                                   |                                                                                   |
| Machine Equipment         |     |  |  |
| Side shift (mm)           |     | -                                                                                 | 100                                                                               |
| Fork spread minimum (mm)  | b5  | -                                                                                 | -                                                                                 |
| Fork spread maximum (mm)  | b5  | -                                                                                 | 1890                                                                              |
| Available fork dimensions |     |                                                                                   |                                                                                   |
| 150 x 50 x 1200           |     | 53010114                                                                          |                                                                                   |
| 200 x 60 x 1200           |     |                                                                                   | 939059                                                                            |
| 200 x 60 x 1500           |     |                                                                                   | 53025306                                                                          |
| 200 x 60 x 2000           |     |                                                                                   | 53025307                                                                          |

| Machines compatibility               | PFB 2000<br>(c4, 9-b) | PFB 2000 (c9) |
|--------------------------------------|-----------------------|---------------|
| MHT 790 ST5                          | -                     | X             |
| MHT-X 790 Mining                     | -                     | X             |
| MHT-X 790 ST3A                       | -                     | X             |
| MHT 790 <b>OLD</b>                   | -                     | X             |
| MHT-X 790 <b>OLD</b>                 | -                     | X             |
| MRT 3255 Privilege Plus <b>OLD</b>   | X                     | -             |
| MRT-X 3255 Privilege Plus <b>OLD</b> | 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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