

Technical sheet :

# HYDRAULIC WINCH



## Customer benefits

- Turns your telehandler into a crane.
- Extremely fast implementation on the MANITOU carriage.
- Easy steering from the cab or with the machine's remote control (optional).
- Fast and accurate movements.

## Technical characteristics

- Hydraulic motor + end of cable automatic movement stop.
- Oil immersed negative brake.
- Double or quadruple line pull (according to type).
- Homologated swivel self locking hook.
- Winch storage stand with sleeves for fork handling.
- Note: dimensions below are given for winch placed on its stands.
- MRT Vision+ : Significant hook speed increase through machine/attachment cooperation improvement.

[The 3D picture at the top of this page is the reference Winch 5T - 921341].

| Technical characteristics          |     | W 3000 / 36M | W 3000 DI / 46M | W 6000 / 32M | Winch 3T | Winch 3T MRT | Winch 3T TD | Winch 5T |
|------------------------------------|-----|--------------|-----------------|--------------|----------|--------------|-------------|----------|
| Distance to center of gravity (mm) |     | 320          | 320             | 350          | 320      | 320          | 320         | 350      |
| Working height (mm)                | h21 | 36000        | 46000           | 32000        | 24000    | 33000        | 46000       | 24000    |
| Capacities                         |     |              |                 |              |          |              |             |          |
| Capacity (kg)                      |     | 3000         | 3000            | 6000         | 3000     | 3000         | 3000        | 5000     |
| Weight                             |     |              |                 |              |          |              |             |          |
| Overall weight (kg)                |     | 305          | 490             | 439          | 310      | 320          | 400         | 420      |
| Dimensions                         |     |              |                 |              |          |              |             |          |
| Max. outreach (mm)                 |     | 515          | 689             | 542          | 519      | 515          | 689         | 541      |
| Weight and dimensions              |     |              |                 |              |          |              |             |          |
| Overall height (mm)                | h17 | 1803         | 1803            | 1803         | 1869     | 1868         | 1869        | 1869     |
| Overall length (mm)                | l1  | 900          | 900             | 900          | 900      | 900          | 900         | 900      |
| Cable loop                         |     | 1            | Direct          | 1            | 1        | 1            | Direct      | 1        |
| Width (mm)                         |     | 1080         | 1080            | 1080         | 1080     | 1080         | 1080        | 1080     |
| Depth (mm)                         | p5  | 763          | 838             | 838          | 763      | 763          | 838         | 838      |
| Cable length (mm)                  |     | 75000        | 48000           | 67000        | 49000    | 70000        | 49000       | 53000    |
| Working Parameters                 |     |              |                 |              |          |              |             |          |
| Machine Equipment                  |     |              |                 |              |          |              |             |          |
| Hook Speed (m/mn)                  |     | 27           | 35              | 17           | 15       | 15           | 30          | 14       |

| Machines compatibility              | W 3000 / 36M | W 3000 DI / 46M | W 6000 / 32M | Winch 3T | Winch 3T MRT | Winch 3T TD | Winch 5T |
|-------------------------------------|--------------|-----------------|--------------|----------|--------------|-------------|----------|
| Reference number                    | -            | -               | -            | 885236   | -            | -           | -        |
| MT 735 75D ST5                      | -            | -               | -            | X        | -            | -           | -        |
| MT 935 75D ST5                      | -            | -               | -            | X        | -            | -           | -        |
| MT 1135 75 D                        | -            | -               | -            | X        | -            | -           | -        |
| MT 1135 H 100D                      | -            | -               | -            | X        | -            | -           | -        |
| MT 1335 75D ST5                     | -            | -               | -            | X        | -            | -           | -        |
| MT 1335 100D ST5                    | -            | -               | -            | X        | -            | -           | -        |
| MT 1335 H 75D ST5                   | -            | -               | -            | X        | -            | -           | -        |
| MT 1335 H 100D ST5                  | -            | -               | -            | X        | -            | -           | -        |
| MT-X 735                            | -            | -               | -            | X        | -            | -           | -        |
| MT-X 1135                           | -            | -               | -            | X        | -            | -           | -        |
| MT-X 1440                           | -            | -               | -            | X        | -            | -           | -        |
| MT-X 1440 A                         | -            | -               | -            | X        | -            | -           | -        |
| MT-X 1840                           | -            | -               | -            | X        | -            | -           | -        |
| MT-X 1840 A                         | -            | -               | -            | X        | -            | -           | -        |
| MT 1135 <b>OLD</b>                  | -            | -               | -            | X        | -            | -           | -        |
| MT 1135 H easy ST5 <b>OLD</b>       | -            | -               | -            | X        | -            | -           | -        |
| MT 1335 <b>OLD</b>                  | -            | -               | -            | X        | -            | -           | -        |
| MT 1440 <b>OLD</b>                  | -            | -               | -            | X        | -            | -           | -        |
| MT 1440 A <b>OLD</b>                | -            | -               | -            | X        | -            | -           | -        |
| MT 1440 HA <b>OLD</b>               | -            | -               | -            | X        | -            | -           | -        |
| MT 1840 <b>OLD</b>                  | -            | -               | -            | X        | -            | -           | -        |
| MT 1840 A <b>OLD</b>                | -            | -               | -            | X        | -            | -           | -        |
| MT 1840 HA <b>OLD</b>               | -            | -               | -            | X        | -            | -           | -        |
| Reference number E-RECO             | 52717650     | 52717900        | 52717351     | 921337   | 993993       | 939111      | 921341   |
| MRT 1645 75                         | X            | X               | X            | X        | -            | X           | X        |
| MRT 1645 115                        | X            | X               | X            | X        | -            | X           | X        |
| MRT 1845 75                         | X            | X               | X            | X        | -            | X           | X        |
| MRT 1845 115                        | X            | X               | X            | X        | -            | X           | X        |
| MRT 2145 115                        | X            | X               | X            | X        | -            | X           | X        |
| MRT 2260                            | X            | X               | X            | X        | -            | X           | X        |
| MRT 2260 e                          | X            | X               | X            | X        | -            | X           | X        |
| MRT 2545 115                        | X            | X               | X            | X        | -            | X           | X        |
| MRT 2570                            | X            | X               | X            | X        | -            | X           | X        |
| MRT 2660                            | X            | X               | X            | X        | -            | X           | X        |
| MRT 2660 e                          | X            | X               | X            | X        | -            | X           | X        |
| MRT 3060                            | X            | X               | X            | X        | -            | X           | X        |
| MRT 3570                            | X            | X               | X            | X        | -            | X           | X        |
| MRT 3570 ES                         | X            | X               | X            | X        | -            | X           | X        |
| MRT-X 1645                          | X            | X               | X            | X        | -            | X           | X        |
| MRT-X 1845                          | X            | X               | X            | X        | -            | X           | X        |
| MRT-X 2145                          | X            | X               | X            | X        | -            | X           | X        |
| MRT-X 2260                          | X            | X               | X            | X        | -            | X           | X        |
| MRT-X 2545                          | X            | X               | X            | X        | -            | X           | X        |
| MRT-X 2570                          | X            | X               | X            | X        | -            | X           | X        |
| MRT-X 2660                          | X            | X               | X            | X        | -            | X           | X        |
| MRT-X 3060                          | X            | X               | X            | X        | -            | X           | X        |
| MRT-X 3570                          | X            | X               | X            | X        | -            | X           | X        |
| MRT-X 3570 ES                       | X            | X               | X            | X        | -            | X           | X        |
| MRT 1440 Easy T4 S2 400° <b>OLD</b> | -            | -               | -            | X        | -            | -           | -        |
| MRT 1640 Easy T4 S2 360° <b>OLD</b> | -            | -               | -            | X        | -            | X           | -        |
| MRT 1840 Easy T4 S2 360° <b>OLD</b> | -            | -               | -            | X        | -            | X           | -        |
| MRT 1840 Easy T4 S2 400° <b>OLD</b> | -            | -               | -            | X        | -            | X           | -        |
| MRT 2145 Easy T4 S2 360° <b>OLD</b> | -            | -               | -            | X        | -            | X           | X        |
| MRT 2145 Easy T4 S2 400° <b>OLD</b> | -            | -               | -            | X        | -            | X           | X        |
| MRT 2150 Privilege Plus <b>OLD</b>  | -            | -               | -            | X        | -            | -           | X        |
| MRT 2470 Privilege Plus <b>OLD</b>  | X            | X               | -            | X        | -            | -           | X        |
| MRT 2545 Easy 3B S2 360° <b>OLD</b> | -            | -               | -            | -        | -            | -           | X        |
| MRT 2545 Easy T4 S2 360° <b>OLD</b> | -            | -               | -            | X        | -            | X           | X        |

| Machines compatibility               | W 3000 / 36M | W 3000 DI / 46M | W 6000 / 32M | Winch 3T | Winch 3T MRT | Winch 3T TD | Winch 5T |
|--------------------------------------|--------------|-----------------|--------------|----------|--------------|-------------|----------|
| MRT 2545 Easy T4 S2 400° <b>OLD</b>  | -            | -               | -            | X        | -            | X           | -        |
| MRT 2550 Privilege Plus <b>OLD</b>   | -            | -               | -            | X        | -            | -           | X        |
| MRT 3050 Privilege Plus <b>OLD</b>   | -            | -               | -            | -        | X            | X           | -        |
| MRT 3255 Privilege Plus <b>OLD</b>   | -            | -               | -            | -        | X            | X           | -        |
| MRT-X 1840 Easy 360° <b>OLD</b>      | -            | -               | -            | X        | -            | X           | -        |
| MRT-X 1840 Easy 400° <b>OLD</b>      | -            | -               | -            | X        | -            | 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        |
| MRT-X 2470 Privilege Plus <b>OLD</b> | X            | X               | -            | X        | -            | -           | X        |
| MRT-X 2545 Easy 360° <b>OLD</b>      | -            | -               | -            | X        | -            | X           | X        |
| MRT-X 2545 Easy 400° <b>OLD</b>      | -            | -               | -            | X        | -            | X           | X        |
| MRT-X 2550 Privilege Plus <b>OLD</b> | -            | -               | -            | X        | -            | -           | X        |
| MRT-X 3050 Privilege Plus <b>OLD</b> | -            | -               | -            | -        | X            | X           | -        |
| MRT-X 3255 Privilege Plus <b>OLD</b> | -            | -               | -            | -        | X            | X           | -        |
| <b>reference_number_ereco_2</b>      | -            | -               | -            | -        | -            | -           | -        |
| MRT 3050 Privilege Plus <b>OLD</b>   | -            | -               | -            | -        | -            | -           | X        |
| MRT 3255 Privilege Plus <b>OLD</b>   | -            | -               | -            | -        | -            | -           | X        |
| MRT-X 3050 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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