

Technical sheet :

# TYRE HANDLER



## Customer benefits

- Tyre changes made fast & safe.
- Significant improvement in tyre changing operations.
- No compromise with safety.
- As mobile as a human wrist.
- Wide range of diametres & capacities to suit all dump truck.
- Available on a wide range of machines.

## Technical characteristics

- Safe solution for tyre removal in mining environments.
- Complex hydraulic movements: body rotation, pad rotation, side shift+ machine tilt & telescope extension.
- Safety: anti-fall arms.
- Telescopic (TH 49) or parallelogram kinematics (all other clamps).
- Controlled from the cab or with a remote control.
- Safety: each movement activated by 2 operator actions (button + joystick).
- TH 49/ 2500: 1 left pad active, right pad passive.

[The 3D picture at the top of this page is the reference TH 49 / 2500 - 914600].

| Technical characteristics                |     | TH 49 / 2500                                                                      | TH 51 / 3500                                                                      | TH 57 / 6000**                                                                      | TH 63 / 12000**                                                                     |
|------------------------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Distance to center of gravity (mm)       |     | 618                                                                               | 993                                                                               | 1135                                                                                | 1225                                                                                |
| Capacities                               |     |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| Capacity (kg)                            |     | 2500                                                                              | 3500                                                                              | 6000                                                                                | 12000                                                                               |
| Max. outreach (mm)                       |     | 1903                                                                              | 2610                                                                              | 2991                                                                                | 3837                                                                                |
| Weight                                   |     |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| Overall weight (kg)                      |     | 1500                                                                              | 3300                                                                              | 4300                                                                                | 5260                                                                                |
| Weight and dimensions                    |     |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| Overall height (mm)                      | h17 | 1050                                                                              | 1229                                                                              | 1229                                                                                | 1229                                                                                |
| Overall length (mm)                      | l1  | 2208                                                                              | 2990                                                                              | 3371                                                                                | 3752                                                                                |
| Width (mm)                               |     | 1951                                                                              | 2392                                                                              | 2500                                                                                | 3224                                                                                |
| Depth (mm)                               | p5  | 1214                                                                              | 2251                                                                              | 2683                                                                                | 2333                                                                                |
| Diameter minimum / Diameter maximum (mm) |     | 1200 / 3100                                                                       | 1200 / 3400                                                                       | 1300 / 3800                                                                         | 600 / 4200                                                                          |
| Working Parameters                       |     |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| Machine Equipment                        |     |  |  |  |  |
| Rotation 1 (°)                           |     | 20                                                                                | 35                                                                                | 172                                                                                 | 172                                                                                 |
| Rotation 2 (°)                           |     | 120                                                                               | 120                                                                               | 360                                                                                 | 360                                                                                 |
| Side shift (mm)                          |     | 200                                                                               | 150                                                                               | 300                                                                                 | 300                                                                                 |
| Opening minimum (mm)                     |     | 1146                                                                              | 1128                                                                              | 1218                                                                                | 549                                                                                 |
| Opening maximum (mm)                     |     | 3146                                                                              | 3416                                                                              | 3831                                                                                | 4286                                                                                |

| Machines compatibility     | TH 49 / 2500 | TH 51 / 3500 | TH 57 / 6000** | TH 63 / 12000** |
|----------------------------|--------------|--------------|----------------|-----------------|
| Reference number           | 914600       | 884898       | -              | -               |
| MHT-X 860 S2 <b>OLD</b>    | X            | -            | -              | -               |
| MLT 845-100 H <b>OLD</b>   | X            | -            | -              | -               |
| MLT 845-120 <b>OLD</b>     | X            | -            | -              | -               |
| MLT-X 845-120 <b>OLD</b>   | X            | -            | -              | -               |
| MLT-X 845-120 H <b>OLD</b> | X            | -            | -              | -               |
| Reference number E-RECO    | 914600       | 911969       | 939237         | 939331          |
| MHT 790 Mining ST5         | X            | X            | -              | -               |
| MHT 790 ST5                | X            | X            | -              | -               |
| MHT 10135 ST5              | -            | X            | X              | -               |
| MHT 10160 ST5              | -            | X            | X              | -               |
| MHT 10200 ST5              | -            | -            | X              | X               |
| MHT 11250 Mining ST5       | -            | -            | X              | X               |
| MHT 11250 ST5              | -            | -            | X              | X               |
| MHT 12330                  | -            | X            | X              | X               |
| MHT-X 790 Mining           | X            | X            | -              | -               |
| MHT-X 790 ST3A             | X            | X            | -              | -               |
| MHT-X 10135 ST3A           | -            | X            | X              | -               |
| MHT-X 10160 ST3A           | -            | X            | X              | -               |
| MHT-X 10200 ST3A           | -            | -            | X              | X               |
| MHT-X 11250 Mining         | -            | -            | X              | X               |
| MHT-X 11250 ST3A           | -            | -            | X              | X               |
| MHT-X 12330                | -            | X            | X              | X               |
| MHT 790 <b>OLD</b>         | X            | X            | -              | -               |
| MHT 10130 <b>OLD</b>       | -            | X            | X              | -               |
| MHT 10180 <b>OLD</b>       | -            | -            | X              | X               |
| MHT 10230 <b>OLD</b>       | -            | -            | X              | X               |
| MHT-X 790 <b>OLD</b>       | X            | X            | -              | -               |
| MLT 845-100 H <b>OLD</b>   | X            | -            | -              | -               |
| MLT 845-120 <b>OLD</b>     | X            | -            | -              | -               |
| MLT-X 845-120 <b>OLD</b>   | X            | -            | -              | -               |
| MLT-X 845-120 H <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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