

Technical sheet :

# TYRE HANDLER



## 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].

## 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                |     | TH 49 / 2500  | TH 51 / 3500  | TH 57 / 6000**  | TH 63 / 12000**   |
|--|-----|---|---|---|---|
| Distance to center of gravity (mm)       |     | 618   | 993   | 1135  | 1225  |
| <b>Capacities</b>                        |     |   |   |   |   |
| Capacity (kg)                            |     | 2500  | 3500  | 6000  | 12000   |
| <b>Weight</b>                            |     |   |   |   |   |
| Overall weight (kg)                      |     | 1500  | 3300  | 4300  | 5260  |
| <b>Dimensions</b>                        |     |   |   |   |   |
| Maximum outreach (mm)                    |     | 1903  | 2610  | 2991  | 3837  |
| <b>Weight and dimensions</b>             |     |   |   |   |   |
| 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  |
| Minimum diameter / Maximum diameter (mm) |     | 1200 / 3100   | 1200 / 3400   | 1300 / 3800   | 600 / 4200  |
| <b>Working Parameters</b>                |     |   |   |   |   |
| Required machine equipment               |     |  |  |  |  |
| Rotation 1 (°)                           |     | 20  | 35  | 172   | 172   |
| Rotation 2 (°)                           |     | 120   | 120   | 360   | 360   |
| Minimum opening (mm)                     |     | 1146  | 1128  | 1218  | 549   |
| Maximum opening (mm)                     |     | 3146  | 3416  | 3831  | 4286  |

| Machines compatibility         | TH 49 / 2500 | TH 51 / 3500 | TH 57 / 6000** | TH 63 / 12000** |
|--------------------------------|--------------|--------------|----------------|-----------------|
| <b>Reference number</b>        | 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            | -            | -              | -               |
| MLTX 845-120 <b>OLD</b>        | X            | -            | -              | -               |
| MLTX 845-120 H <b>OLD</b>      | X            | -            | -              | -               |
| <b>Reference number E-RECO</b> | 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 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            | -              | -               |
| MHT-X 790 Mining <b>OLD</b>    | X            | X            | -              | -               |
| MLT 845-100 H <b>OLD</b>       | X            | -            | -              | -               |
| MLT 845-120 <b>OLD</b>         | X            | -            | -              | -               |
| MLTX 845-120 <b>OLD</b>        | X            | -            | -              | -               |
| MLTX 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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