

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 |
| Capacities | | | | | |
| Capacity (kg) | | 2500 | 3500 | 6000 | 12000 |
| Weight | | | | | |
| Overall weight (kg) | | 1500 | 3300 | 4300 | 5260 |
| Dimensions | | | | | |
| Maximum outreach (mm) | | 1903 | 2610 | 2991 | 3837 |
| 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 |
| Minimum diameter / Maximum diameter (mm) | | 1200 / 3100 | 1200 / 3400 | 1300 / 3800 | 600 / 4200 |
| Working Parameters | | | | | |
| 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** |
|--------------------------------|--------------|--------------|----------------|-----------------|
| Reference number | 914600 | 884898 | - | - |
| MHT-X 860 S2 OLD | X | - | - | - |
| MLT 845-100 H OLD | X | - | - | - |
| MLT 845-120 OLD | X | - | - | - |
| MLT-X 845-120 OLD | X | - | - | - |
| MLT-X 845-120 H OLD | 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 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 OLD | X | X | - | - |
| MHT 10130 OLD | - | X | X | - |
| MHT 10180 OLD | - | - | X | X |
| MHT 10230 OLD | - | - | X | X |
| MHT-X 790 OLD | X | X | - | - |
| MHT-X 790 Mining OLD | X | X | - | - |
| MLT 845-100 H OLD | X | - | - | - |
| MLT 845-120 OLD | X | - | - | - |
| MLT-X 845-120 OLD | X | - | - | - |
| MLT-X 845-120 H 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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