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].

MANITOU GROUP | ATTACHMENTS

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 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 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 OLD	X	X	-	-
MHT 10130 OLD	-	X	X	-
MHT 10180 OLD	-	-	X	X
MHT 10230 OLD	-	-	X	X
MHT-X 790 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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