

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 (in)	2'	3' 3"	3' 9"	4'
<b>Capacities</b>				
Capacity (lb)	5512	7716	13228	26455
<b>Weight</b>				
Overall weight (lb)	3307	7275	9480	11596
<b>Dimensions</b>				
Maximum outreach (in)	6' 3"	8' 7"	9' 10"	12' 7"
<b>Weight and dimensions</b>				
Overall height (in)	h17	3' 5"	4'	4'
Overall length (in)	l1	7' 3"	9' 10"	12' 4"
Width (in)		6' 5"	7' 10"	10' 7"
Depth (in)	p5	4'	7' 5"	7' 8"
Minimum diameter / Maximum diameter (in)		3' 11" / 10' 2"	3' 11" / 11' 2"	4' 3" / 12' 6"
<b>Working Parameters</b>				
Required machine equipment				
Rotation 1 (°)	20	35	172	172
Rotation 2 (°)	120	120	360	360
Minimum opening (in)	3' 9"	3' 8"	4'	1' 10"
Maximum opening (in)	10' 4"	11' 2"	12' 7"	14' 1"

Machines compatibility	TH 49 / 2500	TH 51 / 3500	TH 57 / 6000**	TH 63 / 12000**
Reference number	914600	884898	-	-
MHT-X 860 S2 <small>(OLD)</small>	X	-	-	-
MLT 845-100 H <small>(OLD)</small>	X	-	-	-
MLT 845-120 <small>(OLD)</small>	X	-	-	-
MLT-X 845-120 <small>(OLD)</small>	X	-	-	-
MLT-X 845-120 H <small>(OLD)</small>	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 <small>(OLD)</small>	X	X	-	-
MHT 10130 <small>(OLD)</small>	-	X	X	-
MHT 10180 <small>(OLD)</small>	-	-	X	X
MHT 10230 <small>(OLD)</small>	-	-	X	X
MHT-X 790 <small>(OLD)</small>	X	X	-	-
MHT-X 790 Mining <small>(OLD)</small>	X	X	-	-
MLT 845-100 H <small>(OLD)</small>	X	-	-	-
MLT 845-120 <small>(OLD)</small>	X	-	-	-
MLT-X 845-120 <small>(OLD)</small>	X	-	-	-
MLT-X 845-120 H <small>(OLD)</small>	X	-	-	-

TABLE SYMBOL					
	No predisposition required		Hydraulic line		Return piping to hydraulic oil tank
	Electric predisposition		Platform predisposition		Tyre handler, cylinder handler predisposition



# **MANITOU** HANDLING YOUR WORLD

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