

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 (in)		2'	3' 3"	3' 9"	4'
Capacities					
Capacity (lb)		5512	7716	13228	26455
Weight					
Overall weight (lb)		3307	7275	9480	11596
Dimensions					
Max. outreach (in)		6' 3"	8' 7"	9' 10"	12' 7"
Weight and dimensions					
Overall height (in)	h17	3' 5"	4'	4'	4'
Overall length (in)	l1	7' 3"	9' 10"	11' 1"	12' 4"
Width (in)		6' 5"	7' 10"	8' 2"	10' 7"
Depth (in)	p5	4'	7' 5"	8' 10"	7' 8"
Diameter minimum / Maximum diameter (in)		3' 11" / 10' 2"	3' 11" / 11' 2"	4' 3" / 12' 6"	2' / 13' 9"
Working Parameters					
Machine Equipment					
Rotation 1 (°)		20	35	172	172
Rotation 2 (°)		120	120	360	360
Side shift (mm) (in)		8"	6"	1'	1'
Opening minimum (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 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	91969	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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