

# WINCH RANGE

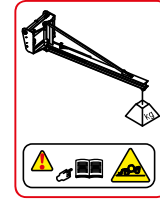




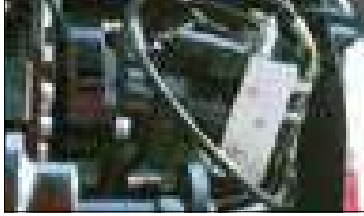
Variowinch <b>NEW</b>	140
Hydraulic Winch (WINCH)	142
Heavy Duty Hydraulic Winch (WINCH)	144



# VARIOWINCH



- Unique compromise: the speed of a small winch, the max. lifting capacity of a big one.
- Patented system: speed is continuously adapted to the load & operator's speed requirement.
- 4x faster than a standard Manitou 5t winch/ 3x faster than a 3t one.
- Max. speed 60m/min.
- Increased efficiency for all lifting applications: shorter lifting cycles, better accuracy.



Patented variable speed  
autonomous adaptation



End of cable/ hook upper  
position automatic movement  
stop

\* On MRT 3255, no load, lifting

\*\* Without stand

### Variowinch 7.2t

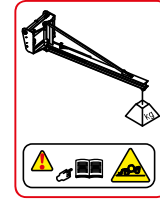
Hook Capacity (kg)	7200
Forward reach / depth (mm)	638
Cable length (m)	76
Working height (m)	36
Speed (m/min) *	60.6
Cable loops	1
Weight (kg) **	700

Machine compatibility	Required option	
<b>E-RECO</b>	52576737	52594170
MRT Privilege +		
MRT 2470	x	x
MRT 3050	x (limited capacity)	x
MRT 3255	x	

**MANDATORY MACHINE EQUIPMENT:** 

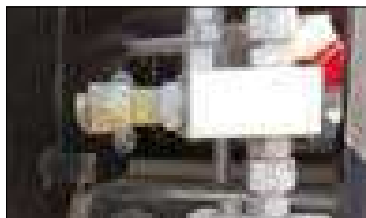


# HYDRAULIC WINCH

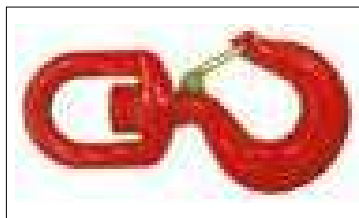


- Oil immersed negative brake for low running costs.
- Double line pull winch for an ideal compromise between pulling effort & speed (except winch 3t TD-direct hook mount).
- Standard cable guide for easy operations.
- Storage stand preventing any contact between the winch & the ground, as well as ensuring a permanent cable tension.





End of cable/hook upper position automatic movement stop



Safety: homologated self locking swivel hook

\* Hook speed without load

\*\* Without stand

	Winch 3T	Winch 3T MRT 3255	Winch 3T TD	Winch 4T	Winch 5T	Winch 7.2T
Hook Capacity (kg)	3000	3000	3000	4000	5000	7200
Forward reach / depth (mm)	763	763	839	838	838	638
Cable length (m)	49	70	48	51	51	76
Working height (m)	24	33	46	24	24	36
Speed (m/min) *	24	24	48	21.5	21.5	19.4
Cable loops	1	1	Direct	1	1	1
Weight (kg) **	395	405	480	510	510	700

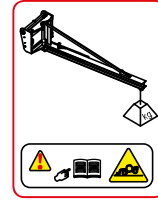
### Machine compatibility

Reference	885236	N/A	N/A	N/A	N/A	N/A
MT 1135	x					
MT 1335	x					
MT 1440	x					
MT 1840	x					
<b>E-RECO</b>	921337	939393	939111	921338	921341	934500
MRT Easy	x		x	x		
MRT 2145 Easy	x		x	x	x	
MRT 2545 Easy	x		x	x	x	
MRT Privilege +	x			x	x	
MRT 2470	x				x	ref.53027311
MRT 3050		x	x		ref.939109	
MRT 3255		x	x		ref.939109	x

**MANDATORY MACHINE EQUIPMENT:** 



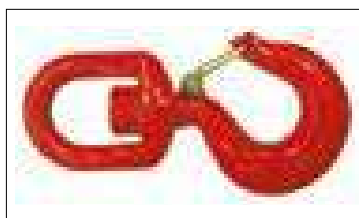
## HEAVY DUTY HYDRAULIC WINCH



- Oil immersed negative break for low running costs.
- Double/quadruple line pull.
- Standard cable guide for easy operations.
- End of cable/hook upper position automatic movement stop.
- Storage stand preventing any contact between the winch & the ground, as well as ensuring a permanent cable tension.



End of cable/hook upper position automatic movement stop



Safety: homologated self locking swivel hook

\* Hook speed without load

\*\* Without stand

(1) with adaptation kit ref. 52623065

	Winch 8T	Winch 9T	Winch 13T	Winch 18T	Winch 23T
Hook Capacity (kg)	8000	9000	13000	18000	23000
Forward reach / depth (mm)	975	975	975	1043	1043
Cable lenght (m)	30	30	60	60	60
Height (m)	14	14	14	14	14
Speed (m/min) *	22.5	22.5	15	12	12
Cable loops	1	1	2	2	2
Weight (kg) **	850	850	1185	1550	1550

Machine compatibility					
Reference	882842		N/A	N/A	N/A
MHT-X 780	x				
<b>E-RECO</b>	N/A	939030	939234	939328	939329
MHT 790		x			
MHT 1490		x			
MHT 10130			x		
MHT 10180				x	
MHT 10230					x
MHT 12330					(1)

**MANDATORY MACHINE EQUIPMENT:** 





## **E-Reco, an attachment recognition system for greater simplicity**











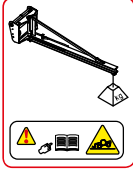

Manitou is offering, as standard, the attachment-recognition system on its new-generation of rotary telescopic trucks MRT EASY and MRT PRIVILEGE +.

The system uses RFID radio-identification technology, very widely used in industry and retail.

This autonomous technique can remotely recover and record data. The machine detects the attachment at the head of the boom, analyses its data and directly proposes the corresponding working configuration (working envelope + movement speed + safety).

This technology provides the load chart in real time, taking into account the rotation angle of the turret and the position of the machine's stabilisers and in accordance with the mobile crane standard.

## TABLE SYMBOL

	No predisposition required
	Hydraulic line
	Return piping to hydraulic oil tank
	Electric predisposition
	Platform predisposition
	Tyre handler, cylinder handler predisposition
	Please contact your Manitou subsidiary (special solution request required)
	Round bale
	Square bale
	Wrapped bale
	Suspended load : read user manual
	Machine equipped with attachment recognition system



Agriculture



Construction



Industry