



## ***Trailer mounted rope winch for long distance!***

This innovative winch with mechanical winding device is mounted on a trailer; it is driven by a 6-cylinder combustion engine.

The diesel engine, diesel tank, hydraulic oil tank, and the control cabinet including radio system are integrated in the body frame.

If required, the winch can be dismantled for transport by helicopter.

The system is normally operated by its own radio remote control.

For an automatic operation the system can be programmed accordingly; all towers, loading and unloading stations, mountain and valley stations can be easily stored on the control panel. Thus, no additional man is needed for controlling the winch.

The automatic mode can also be started via the radio remote control of the carriage.

Thus, the user of the system always has only one remote control with him.

In addition, the mechanical winding support ensures proper winding on the traction rope drum.

The chassis is hydraulically adjustable, so the winch can be lowered and secured for rope operation.

Optionally, an auxiliary winch / countermove winch can be installed allowing an orbital operation.

MAIN FEATURES			
Traction rope winch		Counter rope winch	
Rope speed	0 - 6 m/s	Rope speed	0 - 6 m/s
Tensile force (inner)	60 kN	Tensile force (middle rope layer)	20 kN
Tensile force (outer)	48 kN	Rope Diameter	Ø 8 - 10 mm
Rope Diameter	Ø 11 mm	Max. length Ø 8	4000 m
Max. length	1800 m	Max. length Ø 10	3000 m
Engine		Hydraulic system	
Manufacturer	Perkins	Capacity hydraulic fluid tank	215 l
Principle	Diesel Turbo	Max. working pressure	350 bar
Performance	205 kW	Control pressure	24 bar
Cylinders	6	Ingress protection electronic control system	IP65
Cubic capacity	7000 cm <sup>3</sup>	Dimensions	
Capacity fuel tank	280 l	Length	5650 mm
		Width	2220 mm
		Height	3000 mm
		Weight	6850 kg



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