



# WINCH VEHICLES

The world's strongest cable winch vehicles

- **FLEXIBLE** for use on any terrain
- **STABLE** for tractive forces up to 180 tonnes
- **SCHWENKMATIC CABLE WINCH** for constant tractive force and maximum cable service life
- **LOW-IMPACT** thanks to low bearing load (0.32 kg/cm<sup>2</sup>)
- **THE STRONGEST MOBILE TRACTIVE FORCE** of 180 tonnes in the pulley
- **IDEAL WEIGHT DISTRIBUTION** guarantees excellent cross-country mobility

## The FWF 80 FOECK Truck



The FOECK Truck is a flexible cable winch vehicle based on the MAN TGS with 480 hp. Its all-wheel drive and large wheels provide ground clearance and a low centre of gravity. Together with the front attachment (see image above), this guarantees ideal 50:50 weight distribution during working operation and excellent cross-country mobility. This makes the FOECK Truck a proven winch and transport vehicle on difficult terrain and on public roads.



**The features of the FWF 80 and the FWF 92 crawler vehicle (right) make them suitable for :**

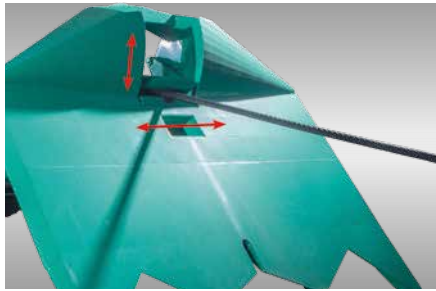
- Towing the FOECK laying ploughs with constant force
- Traction support for wheeled and crawler ploughs
- Drawing in a sewer pipe when crossing water
- Traction work during pipe rehabilitation
- Traction support and retrieval of drilling rods during horizontal drilling processes
- Recovery and cable winch work of any kind  
... and on almost any terrain



# The FWF 92 FOECK Crawler



The FOECK Crawler was developed by Walter Foeckersperger GmbH and is fully manufactured at the Pauluszell site in the manufacturing workshop. It is the world's strongest crawler winch vehicle with patented Schwenkmatic for maximum tractive forces and a long cable service life. The large bearing surface of its rubber tracks (bearing load of just 0.32 kg/cm<sup>2</sup>) and enormous ground clearance of 700 mm enable low-impact work on substrates with poor support, such as those in marshland areas.



**The patented Schwenkmatic winch construction pulls the cable with a constant force of up to 90 tonnes across the entire length of the cable and, in doing so, protects it by means of:**

- Single-layer spooling
- Supported cable bedding in the cable groove
- No crossover or contact points for the cable
- Cable feed always at 0° thanks to automatically controlled pivoting of the cable drum and the self-compensating cable feed window
- **THAT MEANS:** Minimum cable wear and maximum service life



Thanks to their patented winch construction and clever kinematics, the FOECK Crawler and FOECK Truck are ideal for heavy-duty cable winch work up to 180 tonnes (in the pulley).



- The strongest mobile cable winch in the world

## TECHNICAL DATA

TYPE	Truck FWF 80	Crawler FWF 92
Towing vehicle	MAN TGS	FOECK Crawler
Emissions class	EURO 6	STAGE III A, STAGE IV/TIER III, TIER IV
Engine power	480 hp/353 kW	510 hp/375 kW (544 hp/407 kW)
Wheel drive	All-wheel 4 WD	Hydrostatic
Length	9.950 mm	11.940 mm
Width	2.550 mm	2.980 mm
Height (plate up)	3.930 mm	3.430 mm
Height (plate down)	3.200 mm	3.430 mm
Weight	18.000 kg	28.000 kg
Max. speed	85 km/h	0 – 8 km/h continuous (1st gear) 0 – 12 km/h continuous (2nd gear)
Tyres	16.00 R 20 XZL	Rubber tracks with a 900 mm width for a particularly low bearing load
Bearing load	1.4 kg/cm <sup>2</sup> <sup>(1)</sup>	0.32 kg/cm <sup>2</sup>
Wading depth	1.000 mm	1.600 mm
Ground clearance	440 mm	700 mm
Cable winch	Föckersperger Schwenkmatic	Föckersperger Schwenkmatic
Single tractive force	80 tonnes constant across the entire length of the cable	90 tonnes constant across the entire length of the cable
Tractive force with pulley	160 tonnes, constant	180 tonnes, constant
Cable	Special winch cable ø 44 mm	Special winch cable ø 44 mm
Cable capacity	112 m	112 m
Cable winch drive	Hydrostatic	Hydrostatic
Hydraulic oil cooling system	Hydrostatic	Hydrostatic
Cable speed	Continuous from 0 – 40 m/min	Continuous from 0 – 40 m/min
Cab	Comfort cab with A/C	Comfort cab with heating (A/C system*)
	Safety shutdown for the cable winch via radio, (hand-held radio between laying plough and cable winch vehicle with cable winch shutdown*)	

\* optional

<sup>(1)</sup> with twin tyres

## WALTER FÖCKERSPERGER GMBH:

Representing advanced and high-quality laying technology for over 55 years.

The family company, which was founded in 1931 and is now run by the third generation of the family, develops devices and machines which enable flexible lines and pipes to be laid without excavation. The special machine builder, who is based in the Lower Bavarian town of Pauluszell, launches new products, which are used around the world, with increasing frequency.

- Reap the benefits of making a smart investment in our robust devices
- Put yourself years ahead of the competition when it comes to technology with our laying system
- Let us help you carry out your laying tasks.



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