

SERIES GK

Winches with constant pulling force

The Series G winches have been upgraded into Series GK winches with a constant pulling force. The pulling force is evenly distributed over the entire working area, the pulling rope can be thinner and longer and a lower tractor power is required.

A lighter wire rope contributes to:

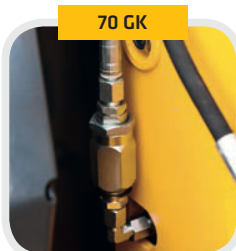
- better performance and faster recovery of timber and
- less strain on the user.



The drive consists of a worm gear enabling high gear ratios and sudden loads, as well as spur gears with all the drive elements immersed in the oil bath which enables higher efficiency, reduces maintenance requirements and increases its life span.

Worm manufactured from high-alloy steel, hardened, reinforced and ground, gear wheel manufactured from special bronze for greater resistance to wear.

The valve for adjusting the brake opening speed enables slower release of the wire rope tension. This prevents uncontrolled spinning of the drum and resulting entanglement of the wire rope.



Proportional valve for continuous pressure adjustment.



90 GK power

The PTO shaft is installed at the rear side of the winch, enabling a better stability of the tractor and winch and reducing the risk of damaging the cardan shaft.



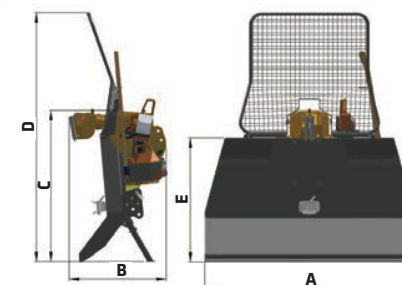
70 GK

The sensor that measures the pulling force of the winch is directly installed on the pulling rope to enable precise measurement of the force on the pulling rope. The measured pulling rope force is regulated with the clutch. A guide for precise winding of the wire rope on the drum is integrated as standard.



70GK

- Pulling force evenly distributed over the entire working area
- Pulling rope can be thinner and longer
- Lower tractor power required
- Robust construction
- Long operating life
- Low maintenance costs
- Foldable window guard





Unwinding device with two hydraulic motors and two pulleys - for stronger tension of wire rope between drum and unwinding device as well as higher unwinding force.



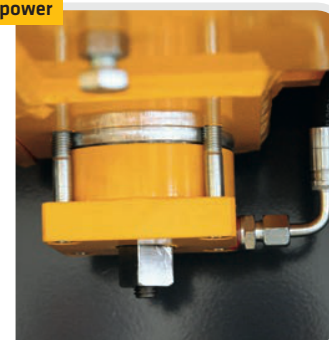
The electronically adjustable brake opening time allows for a slower release of the tension of the wire rope, thus preventing the drum from uncontrolled rotation and subsequent entanglement of the wire rope.

Adjustable braking force (progressive break system).



Adjustable braking force allows the wire rope to be unwound without the unwinding device, regardless of the force on the pulling rope between the winch and the load.

90 GK power



Remote control Terra Funk FA5-A1 for precise break release.

Model		70GK	90GK power
Drive		Worm gear	Worm gear
Pulling force - internal/external diameter	kN	68	85
Pulling force - external diameter	kN	68 – at 130 m/12 mm rope	85 – at 110 m/13 mm rope
Brake force	kN	85	106
Wire rope medium speed	m/s	0,56 (540 min ⁻¹)	0,56 (540 min ⁻¹)
Drum capacity length/diameter	m/mm	130/12	110/13
		155/11	130/12
Recommended tractor power	kW/HP	74/100	88/120
Clutch plates	pcs	6	8
Pump		Gear pump	Gear pump
PTO shaft revolutions	min ⁻¹	750	750
Oil pressure	bar	160	160
Oil quantity	l	3,5	3,5
Dimensions A	mm	1920	2200
		● 2100	/
Hydraulic hinged butt plate	mm	1920	/
		● 2100	● 2400
Dimensions	B	970	970
	C	1500	1500
	D	2300	2300
Weight without wire rope	kg	680 / ● 720	920
Unwinding device		●	●
Unwinding with two hydraulic motors		/	●
Wire rope guide		●	●
Auto Stop function		●	●
Smart 3in1		●	/
Adjustable braking force		/	●
Adjustable braking force speed		/	●
Remote control TERRA FUNK FA5-A1		/	●

● Standard | ● Option | / Not possible