

SMALL ENGINE FOR A LOW FUEL CONSUMPTION

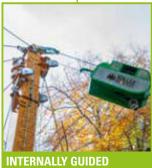




WINCHES WITH A CONSTANT PULL



STORAGE BOXES



INTERNALLY GUIDED GUYLINES









The **K 507e-H** is a revolution from Koller. The winches are driven purely by electric motors. A small diesel engine drives the generator. A constant pulling force is possible over all layers. The technology combines maximum flexibility with the lowest possible consumption!

SPECIFICATIONS

LINE CAPACITY	STANDARD
Skyline	3280' Ø 3/4" · 1000 m Ø 18 mm swaged
Mainline	6560' Ø 7/16" · 2000 m Ø 10 mm swaged
Haulbackline	6560' Ø 7/16" · 2000 m Ø 10 mm swaged
Strawline	6560' Ø 1/4" · 2000 m Ø 6 mm
Guyline	4x250' Ø 3/4" 4x75 m Ø 20 mm extensions

LINE PULL	
Skyline	9.68 t · <i>95 kN</i> (constant)
Mainline	3.06 t · 30 kN (constant)
Haulbackline	3.06 t · 30 kN (constant)

LINE SPEED	
Without payload	up to 1800 ft /min · 640 m/min
With payload	up to 900 ft /min · 350 m/min

POWER STATION

- · 3-cylinder Deutz diesel engine with 36 kW (49.5 hp) power
- \cdot Energy storage for power peaks, start / stop diesel engine operation and energy recovery
- · Stepless electric drive for working and assembly winches

TOWER	
Standard	36' · 11 m
Operating range	360°

FEATURES

- \cdot 2 to 4 times longer maintenance interval compared to conventional motors
- · All winches can be operated independently of each other (pulling / braking)
- · Constant pull through the entire diameter of the winch
- · No complicated exhaust treatments (no particle filter and Ad-blue)
- · Diesel consumption reduction over 50% even during uphill operation
- · During assembly, no running diesel engine
- · Minimized noise during operation
- \cdot Very low oil quantities in the system therefore reduced environmental hazard potential
- · Automated with radio remote control
- · Mounting radio (optional)
- · Mounting winch can be used during operation via mounting radio

CARRIAGE

	USKA 1,5 🚣 🛕	USKA 2,5 🔼 🛕	MSK 4 🔼 🛕	ECKO FLEX 🚣 🛕
00	Ø 9/16"-1" · Ø 14-24 mm	Ø 1 1/16"-1 1/8" · Ø 18-28 mm	Ø 1 1/16"-1 1/4" · Ø 18-32 mm	Ø 5/8"-3/4" · Ø 15-19 mm
-00	Ø 3/8"-7/16" · Ø 9-11 mm	Ø 3/8"- 9/16" · Ø 10 -14 mm	Ø 3/8"-9/16" · Ø 10-14 mm	Ø 3/8"-7/16" · Ø 9-10 mm
KG	approx. 760 lbs · 345 kg	approx. 790 lbs · 360 kg	approx. 1719 lbs · 780 kg	approx. 1322 lbs · 600 kg
1	approx. 1.5 t	approx. 2.5 t	approx. 3.2 t	approx. 2.0 t







