

Wireline Crane Unit



Profile

The KOLLER Wireline crane unit combines a wireline unit and a telescope crane mounted on a heavy duty off-road chassis.

It has been designed for measurement and workover activities with wire capacities above 7,650 m / 25,000 ft. Both Slickline and E-Line jobs can be performed.

Flexibility, high speed and high pull force at any depth characterize our wireline winches. Our designs are developed by close association with our customers.

- stepless hydraulic drive by power take off (PTO)
- extremely short rig-up time (less than 10 min.)
- KOLLER quick drum change system
- winch area protected with roll-up tarpaulin cover
- turnable cabin up to $\pm 20^\circ$
- mounting on a HD MAN chassis
- air or manual driven hydraulic pump with backup function (PCE)
- covered trays for hose reels in different variations available
- CE conform design

Options

- turnable cabin up to $\pm 60^\circ$
- comfortable pressure control panel, selectable functions

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Specifications

Speed m/min / ft/min (SL Drum Size 1)	OD 3-660 / 9.85-2,165 ID 1-385 / 3.28-1,263
Max. pullforce kg / lbs (SL Drum Size 1)	OD 2,518 / 5,551 ID 4,317 / 9,517
Speed m/min / ft/min (SL Drum Size 2)	OD 768 / 2,520 ID 527 / 1,728
Max. pullforce kg / lbs (SL Drum Size 2)	OD 2,159 / 4,759 ID 3,148 / 6,940
Speed m/min / ft/min (BL Drum Size 1)	OD 768 / 2,520 ID 287 / 943
Max. pullforce kg / lbs (EL Drum)	OD 2,159 / 4,759 ID 5,767 / 12,714
Winch driven by	PTO (120 kW / 161 hp)

Drum dimensions and capacities

Slickline Drum Dimension mm / inch (size 1)	OD 600 / 23.62 ID 350 / 13.78 W 692 / 27.24
Slickline capacity inch: m / ft	0.092: 22,800 / 74,800 0.108: 16,800 / 55,000 0.125: 12,500 / 41,000
Slickline Drum Dimension mm / inch (size 2)	OD 700 / 27.56 ID 480 / 18.90 W 692 / 27.24
Slickline capacity inch: m / ft	0.150: 9,300 / 30,500 0.160: 8,500 / 28,000
E-Line Drum Dimension mm / inch	OD 700 / 27.56 ID 262 / 10.31 W 692 / 27.24
E-Line capacity inch: m / ft	3/16: 11,000 / 36,000 7/32: 8,400 / 27,500 1/4: 6,300 / 20,650

Dimensions

Total length mm / ft	12,000 / 39.37
Width mm / ft	2,550 / 8.37 (without outriggers) 6,170 / 20.24 (with outriggers)
Height mm / ft	4,190 / 13.75
Gross weight kg / lbs	28,000 / 61,730 (without wire)

Specifications of Cabin / Crane

Swivel radius of cabin	+/- 20° (+/- 60° optional)
Crane capacity	1.5 t / 3,300 lbs at radius of 15 m / 49 ft
Crane radius	370° (continuous rotation available)
Boom length	27.5 m / 90 ft
Max. hook load	3.49 t / 7,694 lbs

