



# KOLLER

## SOLUTIONS

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SOLUTION  
CARD N° **MA 00491**

BUSINESS  
UNIT

- High-Pressure Power Units     Special Machines     Other
- Well Servicing Products     Structural Steelwork

CUSTOMER

e.g. mb Petroleum Services LLC

CHALLENGE

A Wireline Unit which can operate independently and to carry out measurements and workover activities and is flexible, efficient, timesaving and easy to use

SOLUTION

## KOLLER Wireline Crane Unit



The KOLLER Wireline Crane Unit is developed for slickline jobs in wells up to depths of 8,000 m. The unit is designed for jobs in heavy duty conditions and mounted on a heavy duty chassis.

Flexibility, high speed and fast acceleration in any depth characterize the KOLLER Wireline Winches. It's integrated telescope hydraulic crane reaches a height up to 27 m and makes it possible to work independently without needing a support vehicle. Unbeatable is the rig up time in less than 10 min.

### Information Data:

- MAN truck, different truck manufacture on customer request
- Step less hydraulic drive
- High speed and high traction through powerful 120 kW / 161 hp winch
- Special designed off-road chassis for heavy duty condition
- Cabin with folding roof for direct view to the cranes peak and turnable +/- 20°
- Pressure Control Panel
- Air driven hydraulic pumps and hand pumps (stuffing box & backup)
- Max. 32,000 lbs / 14,5 t gross weight
- EC certification possible



**Dimensions of KOLLER Wireline Crane Unit:**

Total length	12,000 mm / 39.37 ft
Width without outrigger	2,550 mm / 8.37 ft
Width with outrigger	6,170 mm / 20.24 ft
Height	4,190 mm / 13.75 ft
Gross weight	approx. 28t / 61,730 lbs

**Specifications**

Speed	1-400 m/min / 3,28-13.000 ft/min
Load	1.500 kg / 3.300 lbs
Power range	120 kW / 160 hp
Max. pull force	27 kN

**Crane / Cabin Details**

Swivel Radius of cabin	+/- 20°
Pressure Control Panel	6+1 functions
Crane capacity	1.45 t with crane height of 15m / 49ft
Crane Radius	> 360°
Crane height	max. 27 m / 88.58 ft
Max Hook Load	3.5 t

**Drum Dimension / Capacity**

Slickline Drum Dimension mm / in	OD 600/23,62; ID 350/13,78; W 700/27,56
Slickline capacity	0.0092: 30.000 m / 98.425 ft 0.108: 22.000 m / 72.178 ft 0.125: 16.000 m / 52.493 ft (0.160: 10.000 m / 32.808 ft)* * other measuring head necessary

**Racks for lubricants (different types available)**

