

Lightweight Wireline Unit



Profile

The KOLLER Light Weight Wireline Unit has been designed for workover activities with wire capacities above 7,650 m / 25,000 ft.

The 2-skid layout is separated in a winch / operators container and a hydraulic power pack. The hydraulic pump / motor combination guarantees high pull force and speed at any depth.

The startup by spring starter makes the system independent of any external power supply.

- winch skid with a minimal footprint of 2.5 sq m
- hydraulic power pack with 59 kW 4-cylinder diesel engine
- independent system start by spring starter, battery free system
- powerful closed loop hydraulic winch system
- high performance along the whole depth
- high pull force in combination with a high operation speed
- KOLLER quick drum change system
- hydraulic tension gauge
- mechanical depth counter
- winch skid frame in DNV 2.7-3 standard, power pack frame in DNV 2.7-1 standard, third party approval
- lifting eyes and forklift pockets enable easy moving
- jacking wheels for easy moving on the platform on request

Options

- Atex 94/9/EC, Zone II, T3, Gas Group II A



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Specifications

Speed m/min / ft/min	OD 3-450 / 9.85-1,476 ID 1-240 / 3.28-787
Max. pull force kg / lbs	OD 2,518 / 5,551 ID 4,317 / 9,517
Winch driven by	Diesel hydraulic power pack (59 kW)
Fuel tank capacity l	120

Drum dimensions and capacities

Slickline Drum Dimension mm / inch	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

Winch skid dimensions

Length mm / ft	2,070 / 6.78
Width mm / ft	1,240 / 4.07
Height mm / ft	1,450 / 8.53
Weight without drum kg / lbs	1,250 / 2,756

Hydraulic power pack dimensions

Length mm / ft	2,000 / 6.56
Width mm / ft	1,100 / 3.61
Height mm / ft	1,415 / 4.63
Weight kg / lbs	1,600 / 3,527

