

Logging Unit Fixed Body 24ft



Profile

The KOLLER Logging Unit has been developed for carrying out measurements and workover activities with wire capacities up to 7,650 m / 25,000 ft.

Flexibility, slow and high speeds as well as high pull force at any depth characterize our Logging Winches. Electrically or hydraulically driven pumps & motors, controlled by joysticks.

Our designs are developed by close association with our customers. The unit can be placed on trucks from various manufacturers. The layout of the workshop and operator area is free configurable by the customer.

Options

- integrated grease injection pump inclusive grease control panel
- workshop area equipped as indicated by customer
- 19" computer rack with safety switch if required
- constant drum speed function
- 12 kVA hydraulic generator & 15 kVA diesel generator as backup
- 230 V / 110 V converter
- air conditioner
- Diesel park heater
- stepless hydraulic drive by truck power take-off (PTO)
- high pull force in combination with high operation speed
- high performance along the whole depth
- 2 step gear for speeds of 0.5 m - 150 m/min
- KOLLER quick drum change system
- independent parallel-working electrical depth and tension backup systems on measuring head
- very slow speeds for logging operation
- ergonomically designed operator area
- truck engine controlled from operator station
- mounting possible on different truck chassis
- sliding roof above winch area provides an unrestricted view of operations
- racks for tools with pneumatic locking system for secure transportation - optional up to 7 m long tools
- CE conform design
- storage box for radioactive sources
- storage box with vice
- slip ring collector
- LED lights & sockets 230 V AC / 24 V DC, configurable by customer
- intercom system also with ATEX approved speaker and cable reel
- wire oiler, cable cleaner

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Specifications

Speed m/min / ft/min (Multi Conductor Drum)	0.5 - 150 / 1.64 - 492
Max. pullforce kg / lbs (Multi Conductor Drum)	4,535 / 10,000
Speed m/min / ft/min (BL / Mono Conductor Drum)	OD 500 / 1,640 ID 200 / 656
Max. pullforce kg / lbs (BL / Mono Conductor Drum)	OD 2,600 / 8,530 ID 6,500 / 21,325
Winch drive by	PTO
Range of ambient °C	-20 / +40 (-40 / +55 optional)

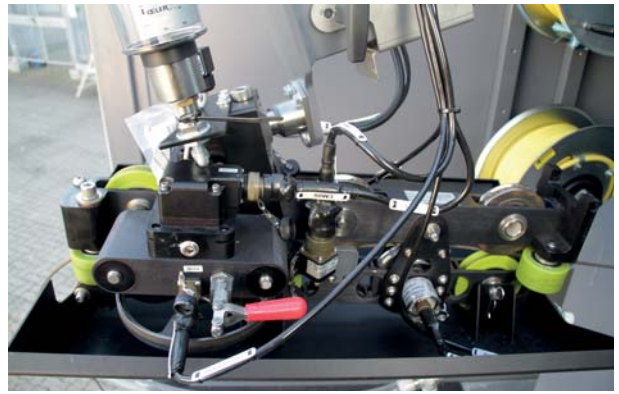
Drum dimensions and capacities

Multi Conductor Drum	OD 1,372 / 54.00
Dimension mm / inch	ID 521 / 20.50 W 864 / 34.00
Capacity inch: m / ft	3/8: 13,900 / 45,603 7/16: 10,600 / 35,777 15/32: 9,100 / 29,855 17/32: 7,100 / 23,293
BL / Mono Conductor Drum	OD 1000 / 39.37
Dimension mm / inch	ID 400 / 15.75 W 666 / 26.22
Capacity inch: m / ft	7/32: 16,300 / 53,477 9/32: 9,700 / 31,824 5/16: 7,100 / 23,293

Different split drum configurations available.

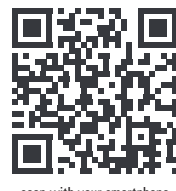
Dimensions

Length mm / ft	10,600 / 34.78
Width mm / ft	2,550 / 8.37
Height mm / ft	3,950 / 12.96
Weight max. kg / lbs	26,000 / 57.320



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