

ELSPRO Cable Reeling Drums Typ LR600F and LR700F



LARGE cable cross-sections

LONG cable lengths

Easy to do with the “THE 2”!

Temporary power supply must often be achieved using large cable cross-sections and long cable lengths. These cables are then so heavy that they cannot be handled by one person alone.

The “THE 2” reels offer optimal support in laying and neatly rolling up again even the heaviest and longest of cables, making the process manageable and time-saving as well. The operational readiness of the lines is therefore consistently ensured.

Frame

The plastic-powder-coated steel frame is designed to be torsion-resistant in order to ward against mechanical impact. A stable bar serves as a grip.

Tires

Stable footing and facile movement of the cable reel are promoted through two solid rubber fixed wheels and two solid-rubber castor wheels, each with a wheel diameter of 200 mm.

Type	Model	Dimensions (L x W x H)	Weight	Order No.
LR600F LR600F	without cable * 40 m cable 5 G 16 mm ²	700 x 600 x 800 mm 700 x 600 x 800 mm	78.0 kg 137.0 kg	LR600F LR600F/CS40K6
LR700F LR700F LR700F	without cable * 150 m cable 5 G 16 mm ² ** 80 m cable 5 G 35 mm ²	1,050 x 700 x 800 mm 1,050 x 700 x 800 mm 1,050 x 700 x 800 mm	90.0 kg 312.0 kg 315.0 kg	LR700F LR700F/CS150K6 LR700F/CS80KX

* with CEE plug and CEE connector 400V 63A 5p.

** with CEE plug and CEE connector 400V 125A 5p.

– other models on request / subject to modification and errors –

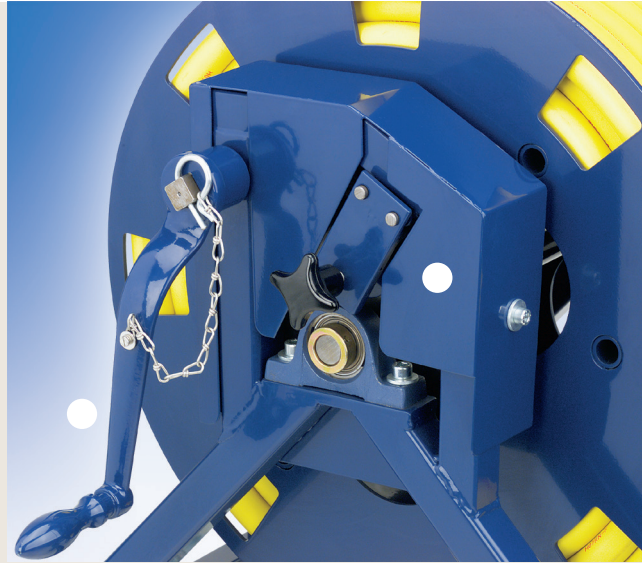
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1 Hand-Operated Safety Crank Handle

- when not in use, the handle is disengaged
- handle is engaged through axial movement (pressing motion)
- by “letting go” of the handle, it automatically disengages

2 Chain-Protection Cover

The chain is situated under a protective cover to prevent the user from touching the chain drive and the braking system, which could lead to accidental injury.



3 Chain Drive with Two Gear Wheels

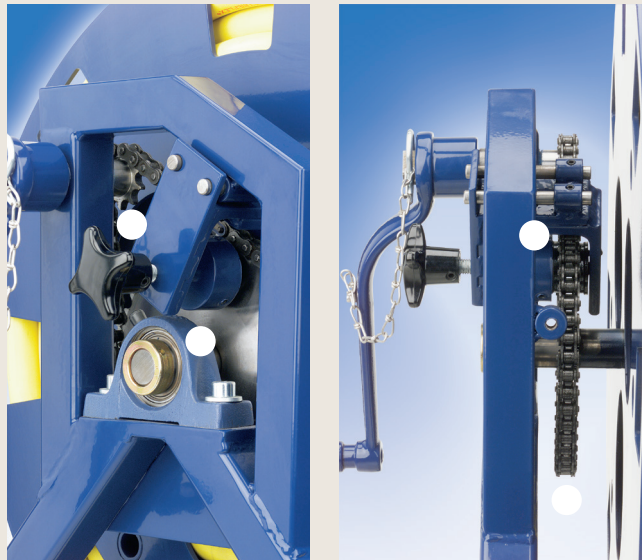
The chosen gear transmission ration (10:44) for the two gear wheels is designed to ensure easy reeling in, even in the case of heavy loads (“one-man operation”).

4 Braking System

The fixed and saddle brakes with their brake pads exert pressure on the large gear wheel that is situated along the drum axle. The brake caliper distributes force continuously with even flow along both sides of the gear wheel.

5 Ball-Bearing Mounted Drum Body

The stable, ball-bearing-mounted axle of the drum body is enclosed by two pedestal bearings. This allows the heavy drum body to turn with ease and avoids wear.



Advantages ...

- the crank handle only induces traction force at the drive shaft during active use; by contrast, when the shaft is unintentionally activated, the disengaged handle does not turn
- chain drive and braking system are fully encased
- chain drive with gear transmission ratio of 10:44
- ball-bearing mounted drum body

... and Benefits:

- no risk of injury due to unintentionally rotating crank handle!
- no risk of injury from drive since it is inaccessible!
- one-man operation possible!
- even-flowing braking effect and drive protection due to continuous strain; accidental unreeling is prevented, and readying the cable made easier: “cable flow as smooth as possible – as strong as necessary!”
- smooth, protective unreeling

– other models on request / subject to modification and errors –