techpro

DATASHEET

FLOW-CF-10/12

Cable Feeder for efficient cable installation

Developed and specified by Techpro for Nordic installation environments.

Key data

- 7-12 kN pushing force
- Cable diameter 10-215 mm
- Speed up to 25 m/min
- Wireless remote control
- Synchronous operation of multiple units
- Robust and compact design
- Adapted to Nordic temperatures and environmental conditions
- Can operate on either 230 V or 400 V

The Techpro FLOW-CF series is designed for efficient and controlled cable installation in demanding environments. It features a belt system optimised for smooth power transmission and gentle cable handling.

FLOW-CF combines high pushing force with a compact design, low weight and easy operation. This makes the units ideal for:

- Cable trenches and ducting
- Tunnel installations
- Long cable runs
- Industrial and infrastructure projects

Multiple units can operate simultaneously and synchronously for increased pushing force, capacity and efficiency.

Features and benefits

- Multiple units can operate in series with synchronised speed on each unit
- Smooth and controlled cable feeding
- High pushing force for demanding installations
- Durable belts for a long service life
- Compact and robust construction
- Easy installation and operation
- Reduces manual work and increases installation speed
- Belts can run in both directions (forward/reverse)
- Emergency stop

Remote control

The FLOW-CF series is supplied with wireless remote control, giving the operator full control of cable installation from a safe distance. The system is designed for efficient operation in both stand-alone installations and complex cable runs where multiple cable feeders are used simultaneously.

Multiple FLOW-CF units can be connected and operated synchronously using a single wireless remote control. This allows multiple machines to be controlled simultaneously with synchronised speed and operation throughout the installation, providing optimum control, smooth cable handling and high installation efficiency.

Speed can be controlled directly from the remote control using six preset speed programmes, or adjusted continuously using the integrated +/- function. This gives the operator excellent control and makes it easy to adapt the feeding speed to the cable type, installation environment and pulling conditions.

When using the FLOW-Interlock Cable, the machines communicate with each other via cable. The remote control therefore only needs to communicate with the nearest unit, while signals are relayed between the machines in the system. This provides highly stable communication and virtually unlimited range for long cable installations, for example in tunnels, trenches, culverts and industrial facilities.

System compatibility

FLOW-CF is part of the Techpro FLOW series and can be combined with:

- FLOW cable rollers
- FLOW guide systems
- FLOW accessories

This provides a complete solution for efficient cable installation.



Technical specifications							
Model	**Pushing force**	**Power**	**Cable diameter**	**Speed**	**Clamping force**	**Dimensions**	**Weight**
FLOW-CF-10-230	≤ 7 kN	~3.0 kW	10 - 185 mm	≤ 25 m/min	≤ 2.5-3.0 kN	~ 1 × 0.4 × 0.5 m	~133 kg
FLOW-CF-10-400	≤ 10 kN	~3.0 kW	10 - 185 mm	≤ 25 m/min	≤ 2.5-3.0 kN	~ 1 × 0.4 × 0.5 m	~133 kg
FLOW-CF-12-230	≤ 8 kN	~3.6 kW	10 - 215 mm	≤ 25 m/min	≤ 2.5-3.0 kN	~ 1.1 × 0.5 × 0.55 m	~168 kg
FLOW-CF-12-400	≤ 12 kN	~3.6 kW	10 - 215 mm	≤ 25 m/min	≤ 2.5-3.0 kN	~ 1.1 × 0.5 × 0.55 m	~168 kg
Specifications may vary depending on configuration and delivery							