MICROFLOW
Cable blowing machine for FTTH optical fibers

Fibre
to the
Home

Protection technology

Microflow has a unique protection technology that stops the machine if the fiber cable meets an obstacle.

The stop occurs because the cable gets bent inside the blowingmachine, this is registered by a sensor and the motor stops.

The machine will also stop automatically if the motor exceeds the preset maximum torque level.

In both cases the machine stops immediately so the fiber cable does not get damaged.

After the protection technology has stopped the machine, it will automatically start up again. It will try 3 times total to get through the obstacle, if it still has not succeeded it will come to a full stop.
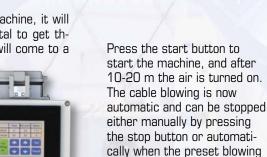
Control unit

Microflow's control unit has a user friendly touch display, which can be used to make a number of different adjustments:

- Adjustment of maximum motor torque
- Adjustment of maximum speed
- Presetting of counter with automatic stop after a certain blowing distance
- Acceleration - from start to maximum speed
- Deceleration - from maximum speed to stop
- The display shows different information during blowing, for instance: Meter count, Actual speed and Actual torque

The blowing process

With Microflow a typical blowing process will be as following: The machine is placed on a stable surface and the fiber cable is placed in the machine. The duct, in which the fiber cable is to be blown, is placed in the machine as well. Then the pulling wheels are adjusted. With the control unit the torque level, speed and blowing distance can be adjusted.

Press the start button to start the machine, and after 10-20 m the air is turned on. The cable blowing is now automatic and can be stopped either manually by pressing the stop button or automatically when the preset blowing distance has been reached.

Specifications

Fiber cable diameter from 0,8 - 5,5 mm
Micro duct diameter from 5 - 16 mm
Speed up to 90 m/min.
Powered by 24 v DC electric motor
Electronic control unit
Electronic meter speed/counter with presetting of blowing distance
Adjustable motor torque load of fiber cable
Electronic protection technology to prevent damages to fiber cable
Recomended pressure and airflow 8-16 bar (200-500 l/pr. min.).

HANDMADE IN DENMARK
DANISH DESIGN

EXTENDED **36** MONTHS WARRANTY

For further information please contact: