



FIBER BLOWING MACHINES

Cable blowing machine for FTTH FIBERS (EPFU) AND MICRO CABLES



Protection technology



Microflow Touch 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 blowing machine, 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 three 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



SPECIFICATIONS

Fiber/cable diameter:	0.8 - 5.0 mm
Microduct diameter ¹ :	5 - 16 mm
Blowing distance ¹ :	Up to 2500 m
Blowing speed ¹ :	Up to 90 m/min.
Recommended pressure and airflow ² :	8-16 bar (200-500 l/pr. min.)
Weight (including control unit):	11.6 kg
Length (blowing head/control unit):	250 mm/200 mm
Width (blowing head/control unit):	150 mm/150 mm
Height (blowing head/control unit):	220 mm/80 mm

Powered by 24V DC electric motor

Electronic control unit and electronic meter speed/counter with presetting of blowing distance.

Adjustable motor torque load of fiber cable. Electronic protection technology to prevent damage to fiber cable.

¹) Depending on type of microduct and cable.

²) Cooled and dried air.



**PLEASE
STATE
CABLE SIZE
AND DUCT SIZE
WHEN
ORDERING!**

MicroFlow V5 adaptor plates

All MicroFlow machines must be fitted with adaptor plate set.
The set consists of an upper and a lower plate,
which together form a compact airtight unit around duct and fiber.

The adaptor plates are
available in different sizes
for 5-16 mm duct OD and
0.8-5.0 mm fiber/cable.

Inlet guides:
1.5-6.0 mm.

O-rings for
drive wheels:
2.0-6.0 mm.

Sensor arm kit:
Male and female
2.0-4.0 mm.

MicroFlow V5
gaskets are
available in
different sizes for
5-16 mm duct OD
and 0.8-5.0 mm
fiber/cable.

Adaptor plate set includes:

Sensor arm kit, size optional.
Drive wheels with O-rings.
Inlet guides.

