

# MICROFLOW LOG



FIBER BLOWING MACHINES



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

Approved by:



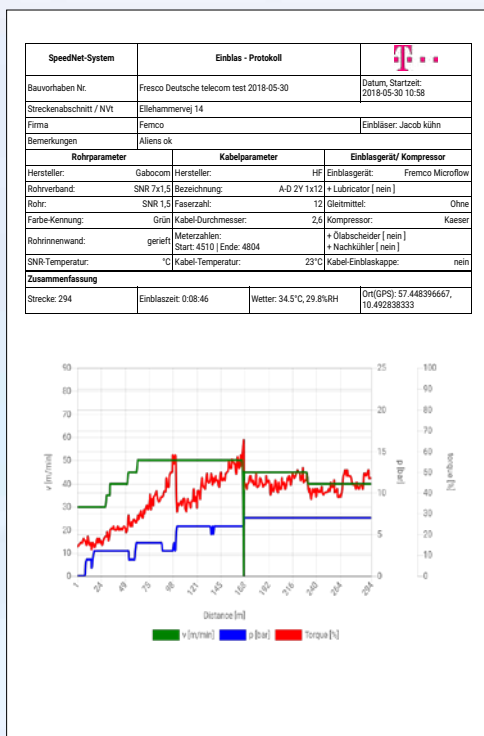
### HIGHLIGHTS

- Software operated machine
- Electronic Hardware
- Modern connectivity
- MicroFlow LOG - Deutsche Telekom Template
- MicroFlow LOG PDF report for DT P. 1
- MicroFlow LOG PDF report for DT P. 2
- The Log can be individually adapted
- Verification of blowing quality (e.g. pressure, length, recommended speed vs blown speed, stress on cable, weather conditions etc).

### BENEFITS

Gives you Data Driven Decision tools for topics like:

- Confirmation of job, location and time (invoicing)
- Quality based documentation such as
  - Stress on the cable
  - Possibility to compare different types of cable and ducts
  - If predetermined blowing limitations are exceeded
- To minimize the risk of costly errors due to wrong blowing technics
- Evaluation of fiber blowing efficiency by team
- Best practice for blowing teams
- Utilization - how is the machine utilized and data to improve it
- Maintenance & Service Recommendation of fiber blowing machine (when, where, what etc.)
- IOT - Online software / feature upgrades
- Online diagnostics.



### SPECIFICATIONS

Fiber/cable diameter: ..... 0.8 - 6.5 mm  
 Microduct diameter: ..... 5 - 16 mm  
 Blowing distance<sup>1</sup>: ..... Up to 2500 m  
 Blowing speed<sup>1</sup>: ..... Up to 90 m/min.  
 Recommended pressure and airflow<sup>2</sup>: ..... 8-16 bar (200-500 l/pr. min.)  
 Weight (including control unit): ..... 13.2 kg  
 Length (blowing head/control unit): ..... 250 mm/240 mm  
 Width (blowing head/control unit): ..... 150 mm/250 mm  
 Height (blowing head/control unit): ..... 220 mm/80 mm

<sup>1</sup>) Depending on type of microduct and cable.

<sup>2</sup>) Cooled and dried air.



Both MicroFlow LOG and MicroFlow Touch is of course equipped with the unique well-known protection technology that stops the machine if the fiber cable meets resistance. Any stop 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.

Each job will end with a full report that ensures that the quality is 100% documented. This will minimize the risk of costly errors.



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

### MicroFlow V5 adaptor plates

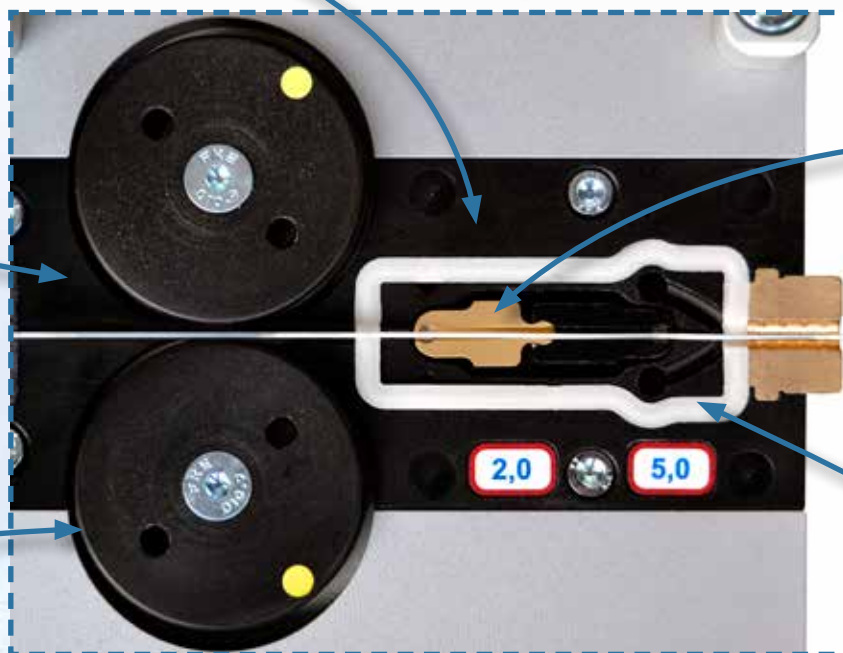
All MicroFlow machines must be fitted with adaptor plate set. The set consists of an upper and a lower plate, which together form a compact airtight unit around duct and fiber.



The adaptor plates are available in different sizes for 5-16 mm duct OD and 0.8-6.5 mm fiber/cable.

Inlet guides:  
1.5-6.8 mm.

O-rings for  
drive wheels:  
2.0-6.5 mm.



Sensor arm kit:  
Male and female  
1.5-3.0 mm.  
Or Super straight  
kit: 4.0-6.8 mm.

MicroFlow V5  
gaskets are  
available in  
different sizes for  
5-16 mm duct OD  
and 0.8-6.5 mm  
fiber/cable.

### Adaptor plate set includes:

Sensor arm kit or super straight kit - size optional.  
Drive wheels with O-rings.  
Inlet guides.