

# Cable Blowing Machines

Fiber optic cable installation solutions from 1 mm to 24 mm



1 mm



6 mm



8 mm



12 mm



22 mm



24 mm



6 Models



1-24 mm Range



FTTH-Backbone



Accessories

## PRODUCT FAMILY OVERVIEW

# Cable Blowing Machine Range

A complete product family for fiber optic cable installation from 1 mm to 24 mm. Choose by cable diameter, drive system and application.



### MikroFOK

UPC-7000-MIK-001  
**1-6 mm**  
Pneumatic



### DrillFOK

UPC-6000-DRLF-001  
**1-8 mm**  
Drill-powered



### ElektroFOK

UPC-4000-ELKFK-001  
**1-8 mm**  
Electric motor



### MiniFOK

UPC-3000-MNFK-001  
**2.5-12 mm**  
Pneumatic



### FOK Machine

UPC-1000-FOK-001  
**9-22 mm**  
Pneumatic



### HidroFOK

UPC-2000-HID-FOK-001  
**9-24 mm**  
Hydraulic

## APPLICATION SPECTRUM



## APPLICATION OVERVIEW

# Cable Blowing Field Setup

Cable blowing uses compressed air, controlled pushing force and duct preparation to install fiber optic cables efficiently. A correct field setup protects the cable, reduces friction and supports longer installation routes.

### FIELD MACHINE



## Typical Cable Blowing Workflow

Real field equipment works together from cable drum handling to duct lubrication and controlled blowing.

1



### DRUM ROLLER

Cable drum handling

2



### LUBRICANT

Friction reduction

3



### CABLE BLOWER

Controlled air + drive

4



### AIR COOLER

Compressed air support

5



### CABLE FLEETER

Long-route cable handling

## Why it matters on site



### Controlled cable handling

Reduces excessive pulling force by combining air flow and regulated pushing force.



### Better duct preparation

Lubrication and clean air support help maintain stable installation conditions.



### Flexible project coverage

Supports FTTH, microduct, access network, feeder and backbone routes.



### Complete equipment ecosystem

Machines, accessories and lubricants can be selected together for the job site.



### 6 Models

Product family



### 1-24 mm

Cable range



### FTTH-Backbone

Applications



### Accessories

Support equipment

## Machine Selection Chart

MACHINE	CABLE OD	RANGE (mm)	DRIVE	BEST USE
 MikroFOK UPC-7000-MIK-001	1-6 mm		Pneumatic	FTTH / microduct
 DrillFOK UPC-6000-DRLF-001	1-8 mm		Drill-powered	service jobs
 ElektroFOK UPC-4000-ELKFK-001	1-8 mm		Electric motor	controlled micro cable
 MiniFOK UPC-3000-MNFK-001	2.5-12 mm		Pneumatic	access network
 FOK Machine UPC-1000-FOK-001	9-22 mm		Pneumatic	feeder / backbone
 HidroFOK UPC-2000-HID-FOK-001	9-24 mm		Hydraulic	heavy-duty long route

### QUICK SELECTION GUIDE

- For 1-8 mm micro cables: MikroFOK, DrillFOK or ElektroFOK
- For mixed access network cable sizes: MiniFOK
- For feeder / backbone and heavy-duty routes: FOK Machine or HidroFOK

## Quick Comparison Table

ORDER CODE	MODEL	CABLE OD		DRIVE	SPEED	DISTANCE
<b>UPC-7000-MIK-001</b>	<b>MikroFOK</b>	1-6 mm	6-20 mm	Pneumatic	80 m/min	-
<b>UPC-6000-DRLF-001</b>	<b>DrillFOK</b>	1-8 mm	8/12/16/18 mm	Drill-powered	110 m/min	1000 m
<b>UPC-4000-ELKFK-001</b>	<b>ElektroFOK</b>	1-8 mm	4-18 mm	Electric motor	90 m/min	1000 m
<b>UPC-3000-MNFK-001</b>	<b>MiniFOK</b>	2.5-12 mm	7-50 mm	Pneumatic	80 m/min	1500 m
<b>UPC-1000-FOK-001</b>	<b>FOK Machine</b>	9-22 mm	20-50 mm	Pneumatic	80 m/min	3000 m
<b>UPC-2000-HID-FOK-001</b>	<b>HidroFOK</b>	9-24 mm	20-60 mm	Hydraulic	80 m/min	3000 m

### Selection notes

- Cable range**  
 Confirm actual cable OD before choosing tooling.
- Air supply**  
 Compressor output must match machine and route.
- Duct tooling**  
 Use correct duct adaptors / sealing parts.
- ORDER code**  
 Use full-package codes for catalogue ordering.

## PRODUCT OVERVIEW

# MikroFOK

## Cable Blowing Machine

Precision pneumatic solution for FTTH and microduct projects. Designed for small-diameter fiber cables, MikroFOK combines compact handling with controlled cable feeding for access network and in-building installations.

ORDER CODE  
UPC-7000-MIK-001

### MIKROFOK



Cable OD  
**1-6 mm**

Duct OD  
**6-20 mm**

Max. speed  
**80 m/min**

Air pressure  
**12 bar**



Side view



Cable entry detail



Pneumatic layout

## Best for

- **FTTH**  
last-mile fiber deployment
- **Microduct**  
small duct network installation
- **Indoor / campus**  
compact job sites
- **Service work**  
fast field setup

## Key advantages

- **Compact pneumatic platform**  
Easy to move, set up and operate on FTTH and access network jobs.
- **Controlled cable feeding**  
Pneumatic drive supports stable installation of small-diameter fiber
- **Quick component change**  
Practical adaptation to different cable and duct sizes.

- **Selection note**  
For final configuration, match cable OD, duct OD and sealing inserts to the actual project requirements.

## PRODUCT TECHNICAL DATA

● ORDER CODE  
UPC-7000-MIK-001

# MikroFOK

## Technical Data

Compact pneumatic micro-cable blowing machine for FTTH, microduct and access network installation.

### MIKROFOK



● Cable OD  
**1-6 mm**  
micro cable

● Duct OD  
**6-20 mm**  
microduct

● Drive  
**Pneumatic**  
motor drive

● Weight  
**18 kg**  
portable unit

## Technical specifications

Cable diameter	<b>1-6 mm</b>
Duct diameter	<b>6-20 mm</b>
Drive system	<b>Pneumatic motor</b>
Installation speed	<b>Up to 80 m/min</b>
Direction	<b>Forward / reverse</b>
Dimensions	<b>350 x 300 x 450 mm</b>
Weight	<b>18 kg</b>
Primary use	<b>FTTH / microduct</b>

## Compressor requirement

Working pressure **12 bar**

Air consumption **Approx. 1 m3/min**

### Configuration & ordering

ORDER product code  
**UPC-7000-MIK-001**

Standard delivery  
Full package for MikroFOK machine.

Tooling note  
Select cable and duct inserts by project dimensions.

● **Ordering note** Specific duct diameters can be supplied on request. Check cable, duct and insert compatibility.

Technical values based on UPCOM MikroFOK product specifications.

## PRODUCT OVERVIEW

# DrillFOK

## Cable Blowing Machine

Portable drill-powered cable blowing machine for FTTH, in-building and short-distance micro cable deployment. The external drill drive and compressed-air support create a lightweight field installation setup for microduct projects.



● Cable OD  
**1-8 mm**  
micro cable

● Max. speed  
**110 m/min**  
up to

● Distance  
**1000 m**  
up to

● Weight  
**10 kg**  
portable unit



● **Front view**  
compact machine body



● **Cable entry**  
roller and guide detail



● **Drive detail**  
pusher roller section

## Best for

- **FTTH**  
last-mile micro cable routes
- **In-building**  
indoor fiber installation
- **Campus**  
short-distance backbone links
- **Service work**  
maintenance and repair jobs

## Key advantages

- **Standard cordless drill**  
Reduced weight and simple field availability.
- **Fast setup**  
Compact format for confined work areas.
- **Quick size change**  
Cable and duct inserts can be changed rapidly.

### ● Selection note

Use compatible cable and duct inserts. Compressor capacity, duct condition, lubrication and drill torque affect distance and speed.

TECHNICAL DATA

# DrillFOK

## Cable Blowing Machine

Compact drill-powered micro cable blowing machine for FTTH, in-building and short-distance fiber installation.

ORDER CODE  
UPC-6000-DRLF-001

PRODUCT VIEW



DrillFOK - current model

● Cable range  
**1-8 mm**

● Max speed  
**110 m/min**

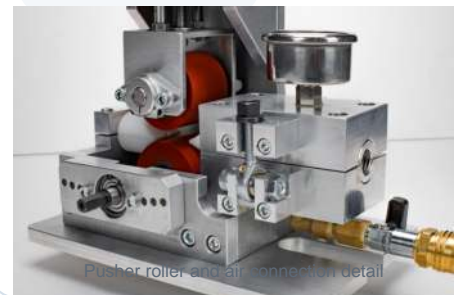
● Max distance  
**1000 m**

● Weight  
**10 kg**

### Core Specifications

Cable diameter	1-8 mm
Max installation distance	Up to 1000 m
Installation speed	Up to 110 m/min
Air pressure requirement	12 bar
Air consumption	Approx. 1 m3/min
Drive system	External drill-powered roller
Direction	Forward / reverse
Dimensions	310 x 250 x 320 mm
Weight	10 kg

### ROLLER DETAIL



Pusher roller and air connection detail

### Operating Notes

- Powered by a standard cordless drill; drill is ordered separately.
- Speed and distance depend on drill torque, cable type, duct condition and lubrication.
- Use clean compressed air and suitable cable lubricant for stable performance.
- Cable and duct inserts are quickly changeable for different sizes.
- Forward / reverse direction supports controlled field operation.

### Installation note

Match cable OD, duct size, drill torque and compressor capacity before installation.

Recommended compressor capacity: 12 bar - approx. 1 m3/min. Performance depends on site conditions.

PRODUCT OVERVIEW

# ElektroFOK Cable Blowing Machine

Electric motor-driven micro cable blowing machine for controlled FTTH, microduct and in-building fiber installation. ElektroFOK combines compressed-air support with an integrated electric drive and digital control interface for stable feeding performance.

● ORDER CODE  
UPC-4000-ELKFK-001

● ELECTRIC DRIVE



● Cable OD  
**1-8 mm**  
micro cable

● Duct OD  
**4-18 mm**  
microduct

● Max. speed  
**90 m/min**  
up to

● Distance  
**1000 m**  
up to



● **Digital panel**  
speed / length / torque



● **Front view**  
compact electric unit



● **Cable entry**  
roller and duct side

## Best for

- **FTTH**  
last-mile micro cable routes
- **Microduct**  
access network installation
- **In-building**  
clean controlled operation
- **Campus**  
short-distance fiber links

## Key advantages

- **Electric motor control**  
Stable feeding without an external drill setup.
- **Digital interface**  
Operator can monitor installation parameters on the panel.
- **Forward / reverse operation**  
Supports controlled blowing and pull-back.

### Selection note

- Use ElektroFOK when electric drive and digital control are preferred for 1-8 mm micro cable installation. Match cable OD, duct OD and compressor capacity before operation.

## TECHNICAL DATA

# ElektroFOK

Electric motor drive with digital monitoring.

### ELECTRIC DRIVE

ORDER CODE  
UPC-4000-ELKFK-001

## Confirmed specifications

CABLE DIAMETER RANGE	1 - 8 mm
DUCT DIAMETER RANGE	4 - 18 mm
DRIVE SYSTEM	Electric motor
MAX. BLOWING DISTANCE	Up to 1000 m
MAX. BLOWING SPEED	Up to 90 m/min
MAX. OPERATING PRESSURE	Up to 15 bar
METER INDICATOR	Digital touchscreen display
DISPLAYED VALUES	Length, speed and torque
BLOWING DIRECTION	Forward and backward
WEIGHT	17.8 kg without packaging
PACKED WEIGHT	24.1 kg
PACKED DIMENSIONS	410 x 410 x 320 mm



## Control panel

- Blow / pull fiber control
- Cable length reset
- Speed and torque monitoring

## Application notes

- **Micro cable installation**  
Controlled field setup for 1-8 mm micro cables.
- **Electric drive preference**  
Stable control with live monitoring.

## Configuration note

Select sealing parts and duct adapters according to actual cable OD and duct size. Use compatible compressor capacity for stable air-assisted cable installation.

**1-8 mm**

● Cable range

**4-18 mm**

● Duct range

**90 m/min**

● Max speed

**1000 m**

● Max distance

## PRODUCT OVERVIEW

# MiniFOK

## Cable Blowing Machine

Versatile pneumatic cable blowing machine for mixed access, FTTH and telecom cable installation. MiniFOK bridges micro-only tools and larger contractor machines with a compact, field-ready format.

ORDER CODE  
UPC-3000-MNFK-001

### MINIFOK



Cable OD  
**2.5-12 mm**  
mixed cable

Duct tooling  
**7-50 mm**  
tool options

Max. speed  
**80 m/min**  
up to

Distance  
**1500 m**  
up to



**Blowing head**  
cable guide and duct entry



**Pneumatic system**  
air control and lubrication



**Drive section**  
compact field machine body

## Best for

- FTTH / FTTx**  
access rollouts
- Access network**  
mixed cable sizes
- Urban routes**  
tight work areas
- Contractors**  
frequent changeover

## Key advantages

- Wide duct tooling range**  
7-50 mm connection options.
- Compact pneumatic layout**  
easy movement between access sites.
- Fast changeover**  
pallet and sealing parts selected by size.

### Selection note

Choose pallet sets and duct connection tooling according to actual cable OD, duct size and route condition. Compressor output and lubrication affect distance and speed.

## TECHNICAL DATA

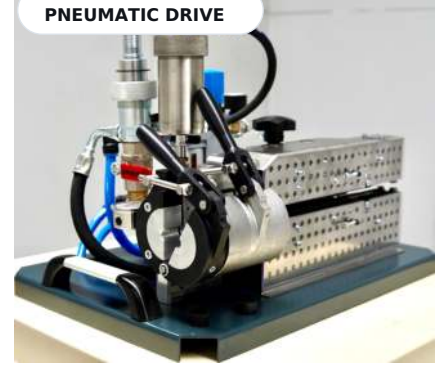
# MiniFOK

Pneumatic machine for mixed micro and access cable installations.

ORDER CODE  
UPC-3000-MNFK-001

## Confirmed specifications

CABLE DIAMETER RANGE	2.5 - 12 mm
DUCT TOOLING RANGE	7 - 50 mm
DRIVE SYSTEM	1 pneumatic motor
RUBBER PALLET SETS	2.5-4 / 5-8 / 9-12 mm
DUCT TOOL OPTIONS	7 / 10 / 12 / 16 / 20 / 32 / 50 mm
MAX. AIR CONSUMPTION	1.5 m <sup>3</sup> /min at 6 bar
TORQUE	8.5 Nm
MAX. BLOWING SPEED	Up to 80 m/min
MAX. BLOWING DISTANCE	Up to 1500 m
DIMENSIONS WITH CASE	62 x 47 x 42 cm
MACHINE WEIGHT	36 kg
TOTAL SHIPPING WEIGHT	51 kg



## Standard delivery notes

- **Machine and pneumatic drive**  
Includes MiniFOK body, air motor, air lubrication system and mechanical measuring unit.
- **Selected inserts and accessories**  
Cable aligning parts, selected insert sets, seals, duct connection tool and transport case.

## Configuration note

- **Select by actual cable and duct**  
Use the correct pallet set, duct insert and sealing parts for the job configuration.
- **Route conditions matter**  
Distance and speed depend on duct condition, bends, compressor setup, cable type and lubrication.

● **2.5-12 mm**  
Cable range

● **7-50 mm**  
Duct tooling

● **80 m/min**  
Max speed

● **1500 m**  
Max distance

## PRODUCT OVERVIEW

# FOK Machine Cable Blowing Machine

Professional pneumatic cable blowing machine for feeder, distribution and backbone fiber routes. FOK Machine covers medium-to-large cables with strong grip, controlled air flow and field-proven pneumatic performance.

ORDER CODE  
UPC-1000-FOK-001

### FOK MACHINE



Cable OD  
**9-22 mm**  
telecom cables

Duct OD  
**20-50 mm**  
duct range

Max. speed  
**80 m/min**  
up to

Distance  
**3000 m**  
benchmark



● **Front layout**  
pneumatic setup



● **Pallet drive section**  
cable grip system



● **Air preparation**  
regulation and lubrication

## Best for

- **Feeder**  
distribution routes
- **Contractors**  
daily field work
- **Backbone**  
large cable routes
- **Urban routes**  
ducted telecom

### Selection note

- Choose FOK Machine for 9-22 mm fiber cable installation where a professional pneumatic field platform is required.

## Key advantages

- **Dual pneumatic drive**  
continuous pushing force
- **Long-route capability**  
up to 3000 m benchmark
- **Fast configuration**  
multiple pallet and duct tools

## TECHNICAL DATA

# FOK Machine

Pneumatic cable blowing machine for mid-to-large fiber cable routes.

## Confirmed specifications

MACHINE TYPE	FOK pneumatic cable blower
CABLE DIAMETER RANGE	9 - 22 mm
DUCT OUTER DIAMETER	20 - 50 mm
DRIVE SYSTEM	2 pneumatic motors
PALLET OPTIONS	9-13 / 14-18 / 19-22 mm
MAX. AIR CONSUMPTION	3 m3/min at 6 bar
TORQUE / POWER	8.5 Nm x 2 pcs
MAX. BLOWING SPEED	Up to 80 m/min
MAX. BLOWING DISTANCE	Up to 3000 m
MAX. AIR PRESSURE	16 bar
MAX. WATER PRESSURE	23 bar
DIMENSIONS WITH CASE	380 x 610 x 440 mm
MACHINE / TOTAL WEIGHT	40 kg / 49 kg

ORDER CODE  
UPC-1000-FOK-001



**Pallet and chain drive**  
rubber-coated grip system



**Air preparation unit**  
pressure and lubrication control



**Front duct connection**  
secure duct and cable entry

## Compressor requirements

- **12 bar minimum working pressure**  
recommended site compressor setup
- **10.5 m3/min recommended delivery**  
approx. 371 CFM for long routes

## Configuration note

- **Select pallet set by cable OD**  
9-13 / 14-18 / 19-22 mm
- **Match duct tool to duct OD**  
20 / 32 / 40 / 50 mm options

● **9-22 mm**  
Cable range

● **20-50 mm**  
Duct range

● **80 m/min**  
Max speed

● **3000 m**  
Benchmark distance

## PRODUCT OVERVIEW

# HidroFOK

## Hydraulic Cable Blowing Machine

Heavy-duty hydraulic cable blowing machine for long-distance fiber optic cable installation, large cable routes and demanding backbone field conditions.

ORDER CODE  
UPC-2000-HID-FOK-001

### HIDROFOK



Cable OD  
**9-24 mm**  
large fiber cables

Duct OD  
**20-60 mm**  
duct range

Max. speed  
**80 m/min**  
up to

Distance  
**3000 m**  
benchmark



● **Complete system**  
machine + power unit



● **Hydraulic drive**  
high pushing force



● **Power unit**  
field mobility

## Best for

- **Long routes**  
large route sections
- **Contractors**  
daily field work
- **Backbone**  
heavy-duty fiber
- **Large cables**  
9-24 mm OD

## Key advantages

- **Hydraulic power**  
stable pushing force
- **Power unit**  
mobile site setup
- **Long distance**  
up to 3000 m benchmark

### ● Selection note

Choose HidroFOK for 9-24 mm fiber cable installation where hydraulic drive, long-route capability and heavy-duty field performance are required.

## TECHNICAL DATA

# HidroFOK

Hydraulic drive platform for long-distance and heavy-duty fiber cable installation.

## Confirmed specifications

MACHINE TYPE	Hydraulic cable blower
CABLE DIAMETER RANGE	9 - 24 mm
DUCT OUTER DIAMETER	20 - 60 mm
DRIVE SYSTEM	Hydraulic PU + 2 motors
HYDRAULIC POWER UNIT	Honda GX-270 engine
MAX. BLOWING SPEED	Up to 80 m/min
MAX. BLOWING DISTANCE	Up to 3000 m
MAX. AIR PRESSURE	16 bar
MAX. WATER PRESSURE	23 bar
RECOMMENDED COMPRESSOR	10.5 m3/min at 12 bar
DIMENSIONS WITH CASE	740 x 1200 x 740 mm
TOTAL WEIGHT	170 kg

ORDER CODE  
UPC-2000-HID-FOK-001



### Hydraulic drive

2 hydraulic motors for stable cable traction



### Power unit

Honda GX-270 gasoline engine platform



### Configuration parts

duct tools, inserts and guiding components

## Compressor requirements

- **Min. 10.5 m3/min at 12 bar**  
recommended compressor delivery
- **16 bar air / 23 bar water pressure**  
max. system pressure values

## Configuration note

- **Select pallet set by cable OD**  
9-24 mm cable range
- **Match duct tool to duct OD**  
20 / 25 / 32 / 40 / 50 / 60 mm

● **9-24 mm**  
Cable range

● **20-60 mm**  
Duct range

● **80 m/min**  
Max speed

● **3000 m**  
Benchmark distance

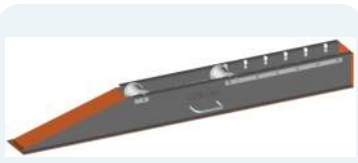
## ACCESSORIES

# Accessories & Supporting Equipment

Build a complete cable blowing field setup with equipment for cable handling, route management, air support and installation assistance.

### Complete field setup

Cable feed, compressed air and duct connection selected together.



#### ● Cable Drum Roller

Cable drum handling  
Smooth drum rotation and stable cable feed.



#### ● Cable Fleeter

Long-route handling  
Safe cable storage for staged or long routes.



#### ● Air Cooler

Compressed air support  
Cools compressed air before duct entry.



#### ● Y Connector

Duct connection aid  
Cable entry and duct connection support.



#### ● Cable Pushing Machine

Additional push support  
Controlled push support for demanding routes.



#### ● Cable Lubricants

Friction reduction  
Friction reduction. Details on next page.

### Accessory selection notes

- **Route length and site layout**  
Select handling accessories by route length and drum
- **Cable OD and duct OD**  
Match connectors, seals and tooling to actual dimensions.
- **Air preparation**  
Use cooling and lubricant support where conditions require
- **Complete system approach**  
Match machine, compressor, lubricant and accessories.

## LUBRICANTS

# Cable Lubricants

Reduce cable-to-duct friction during fiber optic cable blowing. Select the lubricant according to cable sheath, duct condition and route length.



### UPCOM Universal

Bottle and canister options

## Lubrication supports smoother installation

Use as part of duct preparation before and during controlled cable blowing.

LOW FRICTION SUPPORT

1



### Universal Cable Blowing Lubricant

Universal

General-purpose lubricant for cable blowing applications.

● ORDER: UP-UNI1-15  
UP-UNI25

2



### UP-S-LUB-20

S LUB 20

For larger duct/cable range and routine cable blowing work.

● ORDER: UP-VSLUB201-06  
UP-VSLUB2010

3



### UP-S-LUB-100XL

S LUB 100XL

Low-friction option for demanding blowing conditions.

● ORDER: UP-VSLUB100XL1-06 / 1-15  
UP-VSLUB100XL10

## Application notes

- **Duct preparation**  
Clean duct condition and suitable lubrication help maintain stable installation performance.
- **Cable and duct compatibility**  
Select lubricant according to cable sheath, duct material and route conditions.
- **Controlled dosage**  
Apply according to project requirements; avoid unnecessary over-lubrication.
- **Machine ecosystem**  
Lubricants complement cable blowers, air support, drum handling and route management equipment.

● **Friction reduction**  
Installation support

● **Universal / S LUB**  
Product family

● **Duct preparation**  
Application

● **ORDER aligned**  
Product codes

SITE GUIDE

## Compressor & Site Preparation

Correct compressed-air planning, duct preparation and support equipment selection help maintain stable blowing performance and reduce cable stress.



### Air supply support

Cooling, filtering and pressure stability

### Compressed air workflow

Plan compressor capacity, condition compressed air and feed the blowing machine with stable pressure and flow.



### Air requirement planning

CHECK SITE CONDITIONS

MACHINE	PRESSURE PLANNING	AIR DELIVERY PLANNING	SITE NOTE
MikroFOK	Up to 12 bar	Approx. 1-1.5 m3/min	Microduct / FTTH routes
DrillFOK	12 bar	Approx. 1 m3/min	Portable service setup
ElektroFOK	Up to 15 bar	Air-assisted blowing	Electric drive + air
MiniFOK	6 bar motor pressure	1.5 m3/min at 6 bar	Access network projects
FOK Machine	Up to 16 bar	3 m3/min at 6 bar	Feeder / backbone
HidroFOK	12 bar compressor	10.5 m3/min at 12 bar	Heavy-duty hydraulic setup

### Site preparation checklist

- **Clean and verify the duct**  
Remove water, dust and debris before blowing.
- **Check coupling and sealing**  
Use compatible connectors and sealing parts.
- **Apply lubricant correctly**  
Lubricate according to project requirements.
- **Match compressor to route**  
Cable OD, duct ID, bends and distance affect air delivery.
- **Use dry and cooled air**  
Use air cooling/filtering where needed.
- **Monitor installation values**  
Track speed, pressure and pushing force.

Planning values are references; final compressor selection depends on route length, duct condition, cable OD and site environment.

Use product codes for quotation and ordering. Select machine, cable/duct tooling, air or power requirements and support accessories together.

### ORDERING & CONFIGURATION

## ORDER Code Reference

### Main machines - full package codes

Catalogue model names are aligned with the full-package product codes below.

PRODUCT CODE	MODEL	CABLE OD	DRIVE
<b>UPC-7000-MIK-001</b>	<b>MikroFOK</b>	1-6 mm	Pneumatic
<b>UPC-6000-DRLF-001</b>	<b>DrillFOK</b>	1-8 mm	Drill-powered
<b>UPC-4000-ELKFK-001</b>	<b>ElektroFOK</b>	1-8 mm	Electric motor
<b>UPC-3000-MNFK-001</b>	<b>MiniFOK</b>	2.5-12 mm	Pneumatic
<b>UPC-1000-FOK-001</b>	<b>FOK Machine</b>	9-22 mm	Pneumatic
<b>UPC-2000-HID-FOK-001</b>	<b>HidroFOK</b>	9-24 mm	Hydraulic

### Accessories

<b>ACS-004</b>	Cable Drum Roller
<b>ACS-003</b>	Cable Fleeter with trailer
<b>ACS-013</b>	Cable Fleeter without trailer
<b>ACS-002</b>	Air After Cooler
<b>ACS-001</b>	Universal Y Connector
<b>7001</b>	Cable pushing rolls

Note: Cable Pushing Machine complete unit code should be confirmed if required.

### Lubricant codes

<b>UP-UNI1-15</b>	Universal bottle 1 kg / box 15 pcs
<b>UP-UNI25</b>	Universal tank 25 kg / 1 pc
<b>UP-VSLUB201-06</b>	S LUB 20 bottle 1 kg / box 6 pcs
<b>UP-VSLUB2010</b>	S LUB 20 tank 10 kg / 1 pc
<b>UP-VSLUB100XL1-06</b>	S LUB 100XL bottle / box 6 pcs
<b>UP-VSLUB100XL10</b>	S LUB 100XL tank 10 kg / 1 pc

1

Machine code

2

Cable OD

3

Duct tooling

4

Air / power

5

Accessories

OPTIONAL APPENDIX

## Spare Parts Code Reference

Machine-specific replacement sets organized by function and cable/duct range.

Prices are excluded. Confirm machine model, cable OD, duct OD and latest codes revision before quotation.

### Pallet / cable contact replacement sets

Use cable OD range to select pallet, nutring, seal and cable aligning parts.

MACHINE	CABLE RANGE	PALLET SET	NUTRINGS	SEALS	ALIGNING
FOK Machine	9-13 mm	1001	1003	1004	1005
FOK Machine	14-18 mm	1201	1202	1203	1204
FOK Machine	19-22/23 mm	1301	1302	1303	1304
HidroFOK	9-13 mm	2001	2003	2004	2005
HidroFOK	14-18 mm	2201	2202	2203	2204
HidroFOK	19-24 mm	2301	2302	2303	2304
MiniFOK	2.5-4 mm	3201A	3201B	3201C	3201D
MiniFOK	5-8 mm	3001	3003	3004	3005
MiniFOK	9-12 mm	3401	3402	3403	3404

Note: 19-22/23 mm wording follows ERP records; confirm actual cable OD before quotation.

### How to read this table

- **Pallet Set**  
Main cable contact/pushing contact set.
- **Nutrings**  
Cable contact consumables for the selected range.
- **Seals**  
Seal set matched to the same cable range.
- **Aligning Parts**  
Guiding parts for stable cable feed into the duct.

### Quotation note

Do not quote spare parts only by machine name. Confirm machine model, cable OD range and required spare category. For mixed orders, list each code as a separate line item to avoid wrong pallet or seal shipment.

OPTIONAL APPENDIX

## Duct Tool Code Reference

Duct connection tool Order codes arranged by machine family and duct outer diameter. Prices are excluded. Confirm machine model, cable OD, duct OD and latest code revision before quotation.

### FOK / HidroFOK duct connection tools

Select according to duct OD; confirm final machine compatibility before quotation.

MACHINE	DUCT OD	CODE
FOK Machine	14 mm	1002-14
FOK Machine	20 mm	1002
HidroFOK	20 mm	2002
FOK / HidroFOK	32 mm	2100
FOK / HidroFOK	40 mm	2101
FOK / HidroFOK	50 mm	2102

Note: 32-50 mm tools are listed as generic code records; confirm applicability with the selected machine package.

### MiniFOK duct connection tools

Use duct OD to select the correct MiniFOK duct connection tool.

MACHINE	DUCT OD	CODE
MiniFOK	14 mm	3002
MiniFOK	16 mm	3101
MiniFOK	20 mm	3102
MiniFOK	25 mm	3103
MiniFOK	40 mm	3104

OPTIONAL APPENDIX

## Compact Machine Spares

DrillFOK, ElektroFOK and MikroFOK duct tools, rollers and sealing part references.

Prices are excluded. Confirm machine model, cable OD, duct OD and latest code revision before quotation.

### Compact machine duct connection tools

Duct tooling codes for DrillFOK, ElektroFOK and MikroFOK.

MACHINE	DUCT OD	CODE
DrillFOK	12 mm	6005
DrillFOK	16 mm	6006
DrillFOK	18 mm	6007
ElektroFOK	12 mm	4105
ElektroFOK	16 mm	4106
ElektroFOK	18 mm	4107
MikroFOK	6 mm	7003
MikroFOK	10 mm	7004

### Drive rollers and sealing parts

Replacement items arranged by machine family and function.

MACHINE	PART GROUP	RANGE / DETAIL	CODE
DrillFOK	Drive Roller Set	1-2 mm	6001
DrillFOK	Drive Roller Set	5-8 mm	6003
DrillFOK	Cable Nutrings & Seals	1-1.5 mm / 6 pcs	6008
DrillFOK	Main Axis	Replacement main axis	DRLF-SPR-MN-AXS
ElektroFOK	Cable Nutrings & Seals	1-1.5 mm / 6 pcs	4108
MikroFOK	Cable Pushing Rolls	Replacement pushing rolls	7001
MikroFOK	Cable Nutring & Seals	1-6 mm	7005

OPTIONAL APPENDIX

## Service Replacement Items

Frequently used service and repair items listed in clean Order code groups.

Prices are excluded. Confirm machine model, cable OD, duct OD and latest Order code revision before quotation.

### Common service replacement items

Use these codes for service parts and separate replacement line items.

MACHINE / GROUP	SERVICE ITEM	ORDER CODE
FOK Machine	Air Motor for FOK	ACS-007
FOK Machine	Pallet Set for FOK	ACS-008
FOK Machine	Black Rubber O-Ring, 2 m	1010
MiniFOK	Air Motor for MiniFOK / MiniFOK Plus	ACS-009
MiniFOK	Pallet Set for MiniFOK / MiniFOK Plus	ACS-010
MiniFOK	Complete Shaft	UPC-SP-CS
MiniFOK	Drive Bevel Gear with bearings	UPC-SP-DBGWB
MiniFOK	Pulley Side Bevel Gear with bearings	UPC-SP-PSBGWB
HidroFOK	Hydraulic Power Unit	ACS-011
HidroFOK	Hydraulic Power Pack / Honda GX-270	2011
HidroFOK	Black Rubber O-Ring, 2 m	2010
General	Duct Connection Tool without Machine	ACS-006
General	Pipe Coupling Device	ACS-012

Note: ACS service codes are kept separate from full package machine codes.

### Order Code usage rule

- **Full machines** Use UPC full package codes for complete machines only.
- **Spare parts** Use these tables when ordering replacement parts or extra tooling.
- **Compatibility** Confirm current machine version before shipping replacement items.

APPLICATION MATRIX

# Application Matrix

### Matrix key

- **Primary fit**  
best starting point
- Suitable fit**  
check project setup
- Optional**  
project dependent

Match machine model to network segment and route intensity.

## Machine-to-application fit

Use together with cable OD, duct OD, compressor capacity and route conditions.

MODEL	FTTH last mile	Microduct routes	Access network	Service work	Feeder routes	Backbone	Heavy-duty long route
<b>MikroFOK</b> 1-6 mm cable OD	●	●	○	○	—	—	—
<b>DrillFOK</b> 1-8 mm cable OD	●	○	○	●	—	—	—
<b>ElektroFOK</b> 1-8 mm cable OD	●	●	○	○	—	—	—
<b>MiniFOK</b> 2.5-12 mm cable OD	○	●	●	○	○	—	—
<b>FOK Machine</b> 9-22 mm cable OD	—	—	○	○	●	●	○
<b>HidroFOK</b> 9-24 mm cable OD	—	—	○	—	○	●	●

## Typical selection logic

- **Micro cable / FTTH**  
**MikroFOK / DrillFOK / ElektroFOK**  
Start from cable diameter and drive preference.

- **Mixed access projects**  
**MiniFOK**  
Good match for varied micro and access cable sizes.

- **Feeder / backbone**  
**FOK Machine**  
Professional pneumatic platform for larger projects.

- **Heavy-duty long route**  
**HidroFOK**  
Hydraulic platform for demanding route conditions.

- **Confirm before quotation:**  
cable OD, duct OD/ID, route length, bends, duct condition and available air capacity.

## CONTACT & QR CODES

# Get in Touch

For machine selection, technical documentation and quotation requests, scan the QR codes or contact UPCOM directly.

## Direct contact

For product selection, technical questions and quote requests.

**Email**  
● info@upcom.com.tr

**Phone / WhatsApp**  
● +90 535 765 18 57



Cable blowing machine range

## Scan for fast access

Product pages, contact form and website access for field teams.

1



**Product Range**  
Machine family

2



**Contact Us**  
Request support

3



**Website**  
UPCOM online

4



**WhatsApp**  
Fast inquiry

● **Product range**  
Machines

● **Contact form**  
Inquiries

● **WhatsApp**  
Fast contact

● **Technical selection**  
Cable + duct data

## PROJECT INQUIRY CHECKLIST

### Prepare these details

For faster machine selection and quotation.

- **Cable diameter**  
OD range and cable type
- **Duct diameter**  
OD / ID and route condition
- **Route length**  
Target distance and layout
- **Compressor**  
Pressure and air flow available
- **Application**  
FTTH, access, feeder or backbone
- **Accessories**  
Rollers, lubricant, cooler, fletcher

## FIBER OPTIC CABLE INSTALLATION EQUIPMENT

# Cable Blowing Machine Range

Prepared ducts. Correct machine. Controlled installation.  
Solutions for micro cable, access network, feeder and backbone projects.



Professional cable blowing machine platform

### Machine family

- MikroFOK
- DrillFOK
- ElektroFOK
- MiniFOK
- FOK Machine
- HidroFOK

## One range. Complete installation support.

- **1-24 mm**  
Cable range

- **6 Models**  
Machine family

- **Accessories**  
Support equipment

- **FTTH-Backbone**  
Applications

## Digital access

Scan for website, products and contact information.



**Website**  
upcom.com.tr



**Products**  
Machine range



**Contact**  
Inquiry page

**info@upcom.com.tr**  
Email

**+90 535 765 18 57**  
Phone / WhatsApp

**www.upcom.com.tr**  
Web