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

FTTH · MICRODUCT · ACCESS · FEEDER · BACKBONE

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**	1 6 12 18 24	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
UPC-7000-MIK-001	MikroFOK	1-6 mm	6-20 mm	Pneumatic	80 m/min	-
UPC-6000-DRLF-001	DrillFOK	1-8 mm	8/12/16/18 mm	Drill-powered	110 m/min	1000 m
UPC-4000-ELKFK-001	ElektroFOK	1-8 mm	4-18 mm	Electric motor	90 m/min	1000 m
UPC-3000-MNFK-001	MiniFOK	2.5-12 mm	7-50 mm	Pneumatic	80 m/min	1500 m
UPC-1000-FOK-001	FOK Machine	9-22 mm	20-50 mm	Pneumatic	80 m/min	3000 m
UPC-2000-HID-FOK-001	HidroFOK	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	Duct OD	Max. speed	Air pressure
1-6 mm	6-20 mm	**80 m/min**	**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.

UPCOM

PRODUCT CATALOGUE

CABLE BLOWING MACHINES

ORDER CODE
UPC-7000-MIK-001

PRODUCT TECHNICAL DATA

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

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.

ORDER CODE
UPC-6000-DRLF-001



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	Max speed	Max distance	Weight
1-8 mm	110 m/min	1000 m	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

ORDER CODE
UPC-4000-ELKFK-001

Electric motor drive with digital monitoring.

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

ELECTRIC DRIVE







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.

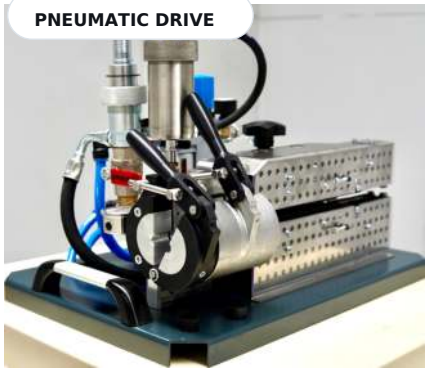
Selection note
Choose pallet sets and duct connection tooling according to actual cable OD, duct size and route condition. Compressor output and lubrication affect distance and speed.

ORDER CODE
UPC-3000-MNFK-001

TECHNICAL DATA

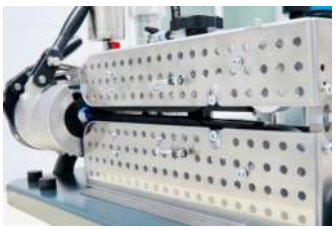
MiniFOK

Pneumatic machine for mixed micro and access cable installations.



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 m3/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



Belt and gripping section



Air and lubrication assembly

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

ORDER CODE
UPC-1000-FOK-001

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.

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

Key advantages

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

Selection note

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

TECHNICAL DATA

FOK Machine

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

ORDER CODE
UPC-1000-FOK-001



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



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
- **Backbone** — heavy-duty fiber
- **Contractors** — daily field work
- **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.

ORDER CODE
UPC-2000-HID-FOK-001



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



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.

DRUM — AIR — DUCT — ROUTE



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.

1. **COMPRESSOR** — Pressure + flow
2. **AIR COOLER** — Dry / cooling
3. **LUBRICATION** — Duct preparation
4. **BLOWING** — Controlled install

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
UPC-7000-MIK-001	MikroFOK	1-6 mm	Pneumatic
UPC-6000-DRLF-001	DrillFOK	1-8 mm	Drill-powered
UPC-4000-ELKFK-001	ElektroFOK	1-8 mm	Electric motor
UPC-3000-MNFK-001	MiniFOK	2.5-12 mm	Pneumatic
UPC-1000-FOK-001	FOK Machine	9-22 mm	Pneumatic
UPC-2000-HID-FOK-001	HidroFOK	9-24 mm	Hydraulic

Accessories

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

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

Lubricant codes

UP-UNI1-15	Universal bottle 1 kg / box 15 pcs
UP-UNI25	Universal tank 25 kg / 1 pc
UP-VSLUB201-06	S LUB 20 bottle 1 kg / box 6 pcs
UP-VSLUB2010	S LUB 20 tank 10 kg / 1 pc
UP-VSLUB100XL1-06	S LUB 100XL bottle / box 6 pcs
UP-VSLUB100XL10	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	Carbon Steel Split Duct Coupler - 32 mm	ACS-012-32

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

Match machine model to network segment and route intensity.

Matrix key

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

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
MikroFOK 1-6 mm cable OD	●	●	○	○	—	—	—
DrillFOK 1-8 mm cable OD	●	○	○	●	—	—	—
ElektroFOK 1-8 mm cable OD	●	●	○	○	—	—	—
MiniFOK 2.5-12 mm cable OD	○	●	●	○	○	—	—
FOK Machine 9-22 mm cable OD	—	—	○	○	●	●	○
HidroFOK 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.



Cable blowing machine range

Direct contact

For product selection, technical questions and quote requests.

- **Email**
  info@upcom.com.tr
- **Phone / WhatsApp**
  +90 535 765 18 57

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

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, fleeter

- **Product range**
  Machines
- **Contact form**
  Inquiries
- **WhatsApp**
  Fast contact
- **Technical selection**
  Cable + duct data

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

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Machine range

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