

KÖSMAK MAKİNA

Fiber Optic Cable Blowing Machines & Accessories

HIDROFOK

(Hydraulic Fiber & Tube Blowing Machine)



HIDROFOK Cable Blowing Machine is designed and properly engineered to blow Fiber Optic Cables and Micro tubes in HDPE ducts. This fiber optic cable blowing machine is equipped with hydraulic motors. Hidrofok is working with hydraulic power unit. Micro Tubes can be blown any quantity of Micro Duct with the suitable pallet. Hydraulic motors are making Hidrofok the most powerful cable blowing machine among our machines. Hydraulic Motor are much stronger compared to Air Motor. Hidrofok machine is engineered to get highly effective and very safe method of fiber optic cable installation.

Specifications:

2 pcs of hydraulic motor drives

Cable Diameter (mm) : Ø9-Ø14 / Ø14-Ø18 / Ø18-Ø25
(changeable by using different types of pallets)

Tube diameters and types can be multiple for example
dia.10mm * 7 pieces / dia.12 mm * 4 pieces. etc.

Duct Diameter : Ø20 Ø50mm (changeable by tools)

Distance to Blow at Once Max : 4000m
Blowing Speed (m/min) : 80

Dimensions with Case : 740x1200x740mm
Total Weight : 170kg
Working Pressure : 12 Bar

FOK

(Fiber Optic Cable Blowing Machine)



FOK Cable Blowing Machine provides an excellent flexibility and compact design to the uses offering a complete solution. Capable of installing the cables Fiber optic cable and micro duct. FOK Machine is engineered for blowing Fiber optic cables in preinstalled ducts. This multifunctional machine is easy to use for the installation of cables and micro-ducts by air and covers a wide range of cable diameters. Fok Machine has a significant productivity and it considerably increases your labor's production capacity. A special and careful designed pallet system assuring an excellent cable drip and decrease the damage risk.

Specifications:

2 pcs of pneumatic motor drives

Cable Diameter(mm): Ø6-Ø8/Ø9-Ø13 / Ø14-Ø18/Ø19-Ø22
HDPE Diameter (mm) : Ø20-Ø50 (changeable by tools)

Distance to Blow at Once Max : 3000 meter
Blowing Speed : 160 meter/minute

Dimensions with case : 380x610x440mm
Total Weight : 49kg
Working Pressure : 12 Bar

MINIFOK

(Mini Fiber Optic Cable Blowing Machine)



MINIFOK fiber optic cable blowing machine; It offers a complete solution with KOSMAK quality for fiber optic cable blowing by providing users with an excellent range of use and compact design.

It greatly increases work capacity with its high efficiency. The belt drive system allows for a firm cable grip. At the same time, it increases cable blowing performance with the use of quality products. The parts of the machine are designed to meet all the requirements of the customers and manufactured in Türkiye in accordance with international standards.

Specifications:

1 pcs of pneumatic motor drives

Cable Diameter (mm) : Ø2.5- Ø4 / Ø5- Ø8 / Ø9- Ø12
HDPE Diameter (mm) : Ø10- Ø40 (changeable by tools)

Distance to Blow at Once Max. : 1500 meter
Max.Blowing Speed : 140 meter/minute

Dimensions with case : 670x470x420mm
Total Weight : 47kg
Working Pressure : 12 Bar

MICROFOK

(Micro Fiber Optic Cable Blowing Machine)



MICROFOK is designed and produced meeting the expectation of end of users. The Mikrofok cable blowing machine installs microcables and its versatility saves your money. The design of the Mikrofok provides for quick and easy component changes for different cable or duct sizes. It's compact size and portable maneuverability make the Mikrofok is ideally suited for either outside or in-building use. The Mikrofok uses compressed air to install the cable. The drive roller powered by an air motor. You can easily blow your cable even in muddy fields with our specially designed pulling rolls. Cable blowing power is not reduced.

Specifications:

1 pcs of pneumatic motor drive

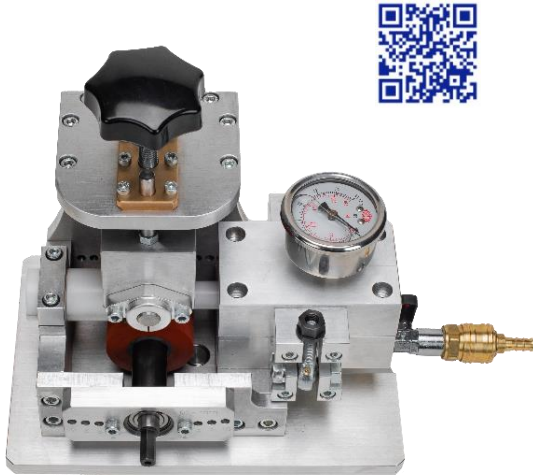
Cable Diameter (mm) : Ø1 / Ø2-Ø3 / Ø4-Ø6
HDPE Diameter (mm) : Ø7-Ø20(changeable by tools)

Distance to Blow at Once Max. : 1000meter
Max Blowing Speed : 100meter/minute

Dimensions with case : 500x420x400mm
Total Weight : 30,5kg
Working Pressure : 12 Bar

DRILLFOK

(Fiber Optic Cable Blowing Machine with Drilling Tool)



DRILLFOK has no internal motor but only external motor such as cordless chargeable drill river. The Drillfok installs micro cables. Its compact design makes your business incredibly easy. The cable blowing system structure ensures a fast and simple change of components for various cable diameter or duct diameters. Ergonomic design and mobility features make the Drillfok is ideal for either outside or in-building use.

The Drillfok uses compressed air to install the cable. The drive roller, powered by most types of cordless drills-that should be ordered separately-control the micro fiber as it is propelled into the micro duct.

The Drillfok machine takes the name from drilling tool because you do not need to use an internal motor with this machine you only need to use a standard drilling tool.

Specifications:

1 pc of pneumatic motor drive

Cable Diameter (mm) : Ø1-Ø2 / Ø2,5-Ø4 / Ø5-Ø8
HDPE Diameter (mm) : Ø4-Ø18

Distance to Blow at Once Max : 1000m
Blowing Speed: (depends on external motor's speed capacity)
Dimensions with case : 360x260x330mm
Total Weight : 11,5kg
Working Pressure : 15 Bar

ELECTROFOK

(Fiber Optic Cable Blowing Machine with Electric Motor)



ELECTROFOK is designed and produced by KOSMAK MACHINE with feedbacks from users who has specialty on cable blowing technologies. Electrofok is using to blow cables from 1mm to 6 mm. You need to give us duct diameters in your project before ordering machine.

Cable blowing group is blowing cable and air in duct with controlling by electric panel. You can control cable blowing speed and direction, see the distance of cable you blown from electric panel .

The most important thing of machine is sensor design which prevents from breaking of cable .

Specifications:

Cable Diameter (mm) : Ø1-Ø2 / Ø2,5-Ø4 / Ø5-Ø8
HDPE Diameter (mm) : Ø4-Ø18

Distance to Blow at Once Max : 1000m
Dimensions with case : 405x400x330mm

Total Weight : 21,5kg
Working Pressure : 15 Bar
Driven by : 24V DC 550rpm Elec. Motor
Needed electricity : City electric is enough

MICROFOK GENIUS



MICROFOK GENIUS fiber optic cable blowing machine; It offers a complete solution with KÖSMAK quality for fiber optic cable blowing by providing users with an excellent range of use and compact design.

The Microfok Genius is designed for blowing telecommunication cables or fiber optic cables into HDP pipes previously laid underground. Microfok Genius blows fiber optic cables into HDPE pipes with the power obtained from a single air engine using compressed air.

With the digital system it contains; It becomes much easier to follow up the work done and to detect problems during or before the work. This process is on the machine; The data obtained from temperature, humidity, pressure and speed meters are instantly processed in the integrated program and reported as graphics and tables at the end of the job.

Specifications:

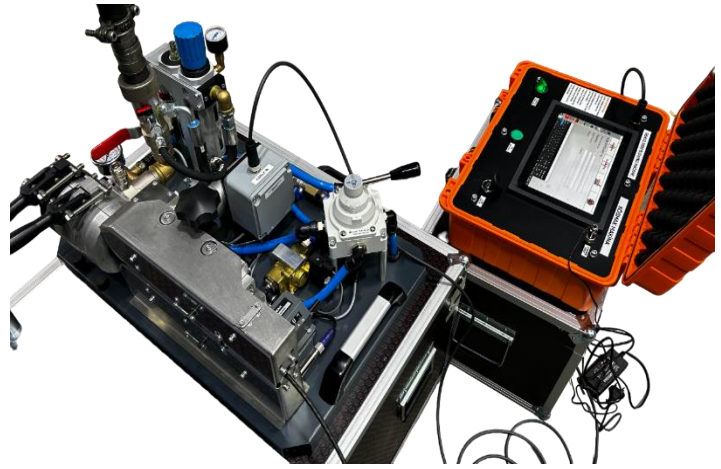
1 pcs of pneumatic motor drives

Cable Diameter (mm) : Ø1 / Ø2-Ø3 / Ø4-Ø6
HDPE Diameter (mm) : Ø7-Ø20

Distance to Blow at Once Max : 1500m
Blowing Speed (m/min) : 80

Dimensions with case : 690x700x430mm
Total Weight : 74kg
Working Pressure : 12 Bar

MINIFOK GENIUS



MINIFOK GENIUS fiber optic cable blowing machine; It offers a complete solution with KÖSMAK quality for fiber optic cable blowing by providing users with an excellent range of use and compact design.

The Minifok Genius is designed for blowing telecommunication cables or fiber optic cables into ducts previously laid underground. Minifok Genius blows fiber optic cables into HDPE pipes with the power obtained from a single air engine using compressed air.

With the digital system it contains; It becomes much easier to follow up the work done and to detect problems during or before the work. This process is on the machine; The data obtained from temperature, humidity, pressure and speed meters are instantly processed in the integrated program and reported as graphics and tables at the end of the job.

Specifications:

1 pcs of pneumatic motor drives

Cable Diameter (mm) : Ø4-Ø8 / Ø8-Ø12
HDPE Diameter (mm) : Ø7-Ø50(changeable by tools)

Distance to Blow at Once Max : 1500m
Blowing Speed (m/min) : 80

Dimensions with case : 690x700x430mm
Total Weight : 74kg
Working Pressure : 12 Bar

AIR COOLER



Air Cooler remarkably effects and increases the "blowing" performances and protects the cable from the high temperature with the cooling feature of this accessory when climate temperature exceeds 20°C.

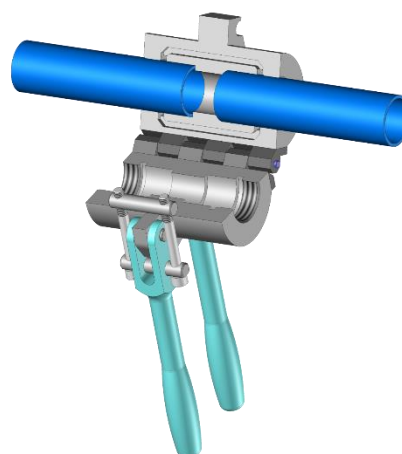
Therefore, Air Cooler Machine is very much recommended making a safe cable deployment in long distances without or with less friction and this will protect your cable from the potential damages that are mainly high temperature on the cable jacket surface. This heat may cause to melting of cable jacket and cost you high.

Moreover, special mechanism of machine changes the high temperature air with the air outside. The pressurized cool air will drive the fan that propels the air outside with low temperature.

Specifications:

Max. Air Requirement of Engine (m ³ /min)	: 0,85 (at 7 bar)
Max. Operating Pressure (bar)	: 12
Max. Air Flow (m ³ /min)	: 12
Max. Air Inlet Temperature	: 100 °C
Max. Air Pressure at The Motor	: 7 bar
Max. Pressure Drop (bar)	: 0,2
Package Dimensions (mm)	: 820 x 540 x 600
Total Net Weight (kg)	: 40
Total Gross Weight (kg)	: 56

DUCT COUPLER



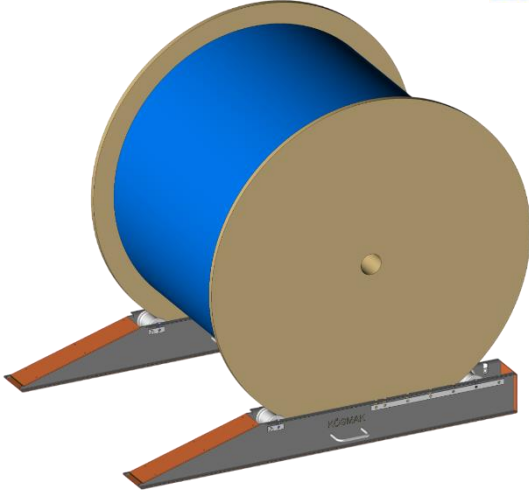
Carbon steel split **Duct Coupler** is hinged and for temporarily coupling all types of innerduct during the cable blowing process. The wing nut makes it very easy to quickly assemble and to disassemble the leading section of innerduct before and after blowing fiber. They are used for installation Fiber Optic Cable with cable blowing machine to connect the underground install duct to couple with loaded ducts. Duct coupler is made of high-grade carbon steel raw material that can stand against environmental difficulties such as fungus attacks and corrosion. Very easy to use at trench depths or manholes. You don't need any spanners.

Standard Size available are at Ø20, Ø32, Ø40, Ø50mm, and can be customized upon request.

Features:

- Small and light
- Allows access to very narrow chambers
- Easy transportation
- Easy maintenance
- Easy manipulation (possibility to use it in both directions)
- No nut, no losing them in trenches

CABLE DRUM ROLLER ON BEARINGS



Cable Drum Roller on Bearings is the tool for Rolling cable on it. You can use cable drum roller for different drum diameters and different widths.

You shall change the place of rear roller to use machine for different cable drums. You can use cable drum roller for drums from Ø400mm dia to Ø1500mm diameter.

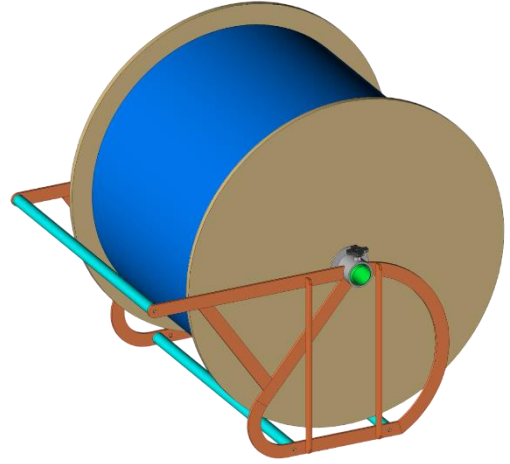
It is handy structure allow you to to carry on your hand. This robust heavy duty adjustable cable drum roller set (also known as a wire drum roller) is ideal for despoilingand recoiling various cables during installations.

Cable Drum Roller is manufactured from heavy duty fabricated painted mild steel and uses heavy duty rollers (which are also adjustable) to ensure any size drum should fit. Ramp entry and exit eases the loading and unloading of drums onto the rollers themselves.

Specifications:

Max. Drum Diameter (mm) : 1500mm
Min. Drum Diameter (mm) : 400mm

CABLE DRUM ROLLER ON PIPE



This product is new type of “Cable Drum Roller on Bearings” with it’s new name that “**Cable Drum Roller on Pipe**”. It does same work with “Cable Drum Roller on Bearings”. “Cable Drum Roller on Pipe” is easy to use than “Cable Drum Roller on Bearings”. You can use “Cable Drum Roller on Pipe” for drums from Ø300mm dia to Ø1300mm diameter without any adjustment required.

Specifications:

Max. Drum Diameter (mm) : 1300mm
Min. Drum Diameter (mm) : 300mm

CABLE FLEETER



The Trailer Mounted Cable Fleeter replaces the manual handling for "figure eighting" cable and gives extra protection and security to the cable. Following deployment of the cable in the first leg of duct route the balance of the cable is taken out from the drum and took care of into the Fleeter, thereby delivering the cable end ready for blowing into the second leg.

The Fleeting machine enables a smooth and simple system while assuring the cable safety from pedestrians or vehicles and prevents contamination from mud, soil or dust.

The Fleeter is built to operate with the cable blower, which delivers cable supply within and outside of the Fleeter. The unit hosts (3,000 meters) of (13mm) cable, allowing drum lengths of (6,000 meters) to be utilized. The Fleeting machine is made of a road going trailer chassis on which is mounted a cable storage cassette, rotating cable guide quadrant and duct clamp assembly.

Specifications:

Drum Diameter Max.	: Ø1600 mm
Drum Diameter Min.	: Ø800 mm
Tyres	: 145 R10
Length	: 3420 mm
Width	: 2300 mm
Height	: 2330 mm
Weight	: 325 kg
Weight with Box	: 420 kg

Y-CONNECTOR



The Single size junction box consists of an polyamid base and cover that structure a pressurized air chamber into which one finish of a current involved inner duct can be appended. The current cable can leave the case through an exit hole that has 3 cable seal spaces, one of which will house the seal to suit the size of the current cable. The third branch is then associated with a Cable Blowing Machine through a short slave length of inner duct for the deployment of the additional cable or tube(s). Required seals should be provided as the Y-Connector doesn't include any accessories in shipping configuration.

Y-Connector jetting tools are engineered to optimize the space in an existing occupied duct and enable you the deployment of a 2nd cable, or multiple micro-ducts while blowing the Fiber Optic cables.

Specifications:

Cable Dia. (mm)	: Ø4 – Ø22
HDPE Diameter (mm)	: Ø20 – Ø63
Max. Air Pressure (bar)	: 12
Packed in Wooden Case	: Fumigated Plywood
Package Dimensions (mm)	: 425 x 400 x 230
Total Net Weight (kg)	: 10,50
Total Gross Weight (kg)	: 15,40