

PROFESSIONAL FIBER BLOWING MACHINES FROM SWEDEN

telecroatian network www.telecron.net

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WE BELIEVE IT IS GOOD TO BE DIFFERENT FROM OTHERS. TO BE UNIQUE. WITH OUR **EXPERIENCE AS A BASIS AND WITH INNOVATION AS THE DRIVING FORCE, WE DESIGN AND MANUFACTURE FIBER BLOWERS OF THE HIGHEST QUALITY. OUR PRODUCTS ARE CREATED BY PROFESSIONALS, TO BE USED BY PROFESSIONALS. FOR US, IT IS ABOUT** SO MUCH MORE THAN JUST DEVELOPING A PRODUCT. WE WANT TO USE OUR EXPERT **KNOWLEDGE TO MAKE YOUR WORKING DAY AS A FIBER BLOWER EASIER AND MORE** EFFICIENT. SO THAT YOU CAN LEARN HOW WORK IN THE CABLE TRENCH CAN BE A LITTLE MORE DIFFERENT AND A WHOLE LOT BETTER.

TRIGGAIR

Robust handheld battery powered fiber blowing tool optimized for FTTX installation of blown fiber (EPFU) and micro/nano cables, from 0,8 to 3 mm into duct size 3, 5, 7 and 8 mm. The effective fiber security, and adjustable clamping force secures that all cable designs can be installed effective and safe. Delivered in strong transport case with batteries, charger and an assortment of cable seals. Ready to blow!



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Battery: 12V, 4Ah Milwaukee



Pushing force: up to 30 N

Cable diameter: 0,8 – 3 mm **Duct diameter:** 3, 5, 7, 8 mm

Weight: approx 2 kg

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Air connection: Std 3/8" Cejn

> **WxHxD** 460 x 370 x 180 mm (Transport box)



FIBER BLOWING MACHINE FOR CABLE 0,8-3 MM / DUCT 3, 5, 7 AND 8 MM

- Electrically operated. Battery connected.
- Fiber security by mechanical clutch and adjustable clamping force.
- Forward and reverse.
- Drive wheel with rubber rings secure a good and soft grip.
- Digital display showing speed and distance.
- Max. speed: 150 m/min.
- Max pushing force: 30N.
- Approved up to 60 bar pressure.
- Cruise control

STD CONFIGURATION

- Transport Case
- TriggAIR machine
- 110/230 Charger for 12 V battery
- 2 pcs 12 V lithium battery with 4 Ah Milwaukee connector
- Cable Seal assortment:
 - 10 pcs 1,2 mm
 - 10 pcs 1,8 mm
 - 10 pcs 2,2 mm
 - 10 pcs 2,8 mm
- Original Jetting Duct cutter
- User manual
- Seal for duct clamp

ACCESSORIES FOR TRIGGAIR

- Reel arm for drum with fiber. .
 - Foldable tripod.

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- Metal wheel for cable 2-3 mm. •
- Table bracket. For safe installation on working table. •
 - 3 mm duct adaptor.
- 10 mm air hose. .
- Jetair compressor for FTTH. .







TABLE BRACKET









VO SERIES

Compact electrically operated fiber blowing machine optimized for FTTX installation of blown fiber (EPFU) and micro/nano cables, from 0,8 to 6,5 mm into duct from 3 to 16 mm. A full digital control system with softstart, electronic fiber security, memory functions combined with up to 200 N powerful motor makes the machine very flexible and effective to use. Toolfree configuration can be operated directly from its case, and can be configurated with an electronic documentation system.



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Max pressure: 16 Bar

Pushing force: up to 200 N

Cable diameter: 0,8 – 6,5 mm

Duct diameter: 3 – 16 mm

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Weight: approx 2 kg

Air connection: Std 3/8" Cejn

WxHxD 120x220x170 mm



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POWERFUL FTTX MACHINE FOR CABLE 0,8 - 6,5 MM / DUCT 3-16 MM

- Electrically operated. Battery connected. Optional power supply.
- Electronic stopping/slipping protection within 250 ms.
- Display for current speed, distance, pushing force and duct air pressure.
- Max speed V0: 250m/ min. V0-HD: 110m/min
- Stepless pushing force on cable up to: 60/200 N. (V0: 60 N. V0-HD. 200 N
- Adjustable clamping force.
- Works with electronic documentation system (Jetlogger).
- Memory function that saves the last settings.
- Softstart: Enables an even smoother start protecting the fiber
- Service info: Memory of total milage/distance since machine taken into operation
- Duct air temp: Display showing the air temperature injected into the duct.
- Duct air release valve, evacuating compressed air from the duct quickly.
- Easy change of drive wheel through magnetic design.
- The control panel have been angled to optimize the view on the digital info center.
- Switch between Metric / Imperial counter.

DUCT AIR VALVE





DRIVE WHEELS IN DIFFERENTS SIZES

DUCT CLAMPS IN DIFFERENTS SIZES



JETTING VO SERIES



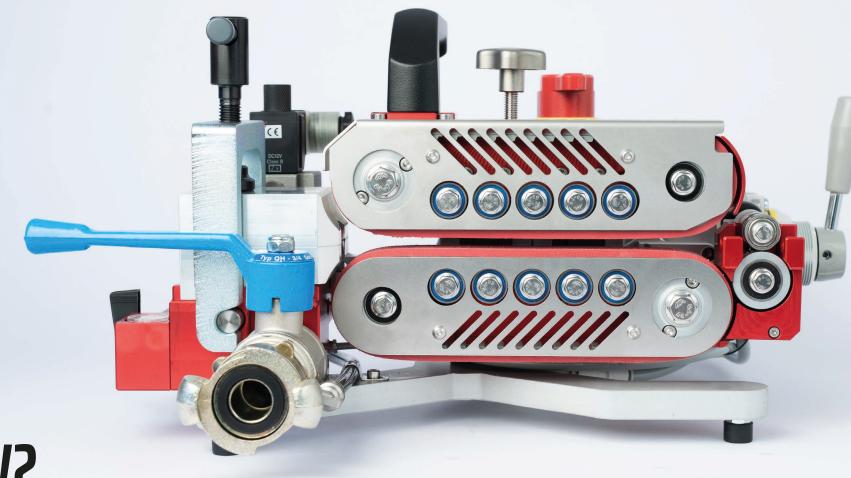
STD CONFIGURATION

- Transport Case
- 3 drive wheels
 - 1 pcs with rubber 0,8-3 mm
 - 1 pcs for 2,4-4,5 mm
 - 1 pcs for 4,6-6,5 mm
- Battery charger 230 V
- 2 Batteries (18 V- 5 Ah)
- 1 Bottle Micro Duct Lube
- Service kit

ACCESSORIES VO SERIES

- Cabel inlet guides
- Duct clamps 3-16 mm.
- Cabel seals
- 110/240 V Power supply.
 No need to charge or change batteries.
- Table bracket for safe installation on working table.
- Jetlogger. Electronic documentation system.
- Metal drive wheel for 1,5 to 3 mm cable.
- External cable guide for VO-series case.
- 10 m. Airhose Cejn 3/8"
- Jetair 100270 Compressor





V2

Robust and compact pneumatic operated fiber blowing machine with the unique Joystick controller securing optimal control of the installation. This machine can be configurated from 2,4 to 16 mm cable and 7 to 50 mm duct. Anodized aluminum construction makes this machine both lightweight and easy to maintain .

 Max pressure: 16 Bar
 Pushing force: up to 550 N
 Cable diameter: 2,4-16 mm

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Duct diameter: 7-50 mm

Weight: approx 10,5 kg

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Air connection: 3⁄4" Claw connector



FIBER BLOWING MACHINE FOR CABLE 2.4-16 MM / DUCT 7-50 MM

- Pneumatic operation, double motors. .
- Joystick Controller with forward and reverse function. .
- Delivered with reinforced soft grip belts (red) .
- Electronic counter for speed and distance. .
- Gentle operation with 450 mm belt length. .
- Display for speed, distance and gauge for pressure in duct. .
- Max. speed: 200 m/min, max. pushing force on cable: 550 N. .
- Adjustable clamping force. .
- Works with electronic documentation system (JetLogger). .
- Duct air release valve, evacuating compressed air from the duct guickly. .











AFTERBLOWER



CABLE GUIDE (AVAILABLE IN 3 DIFFERENT SIZES)

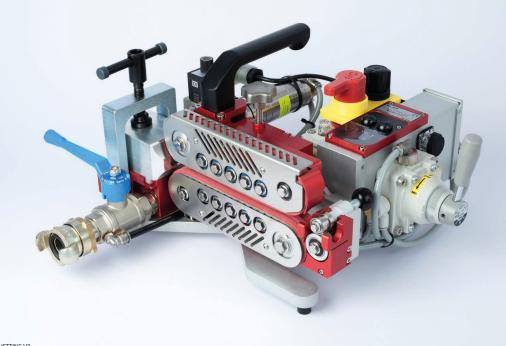
STD CONFIGURATION

- Transport case
- Extra table fixtur
- 1 bottle Micro Duct Lube
- 1 bottle Duct Lube
- 1 bottle pneumatic oil
- Service kit
- Drive belts (Red)

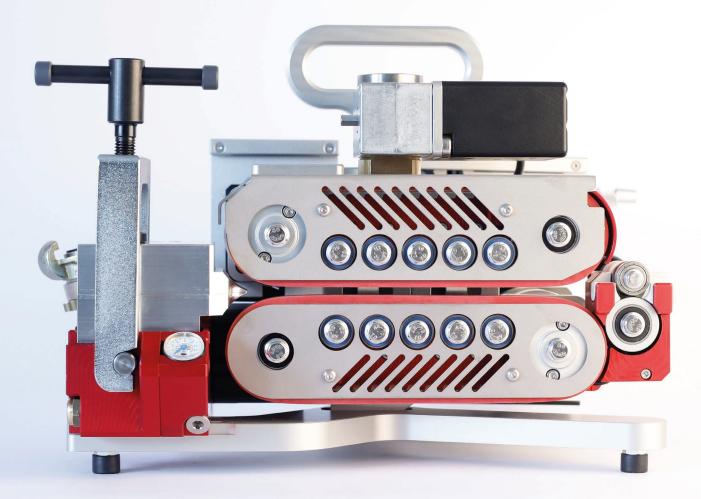
ACCESSORIES FOR V2

- Duct clamps •
- Cable guides
- Cable seals
- Afterblower
- Floating kit
- 9-12 V adapter for replacing 9 V battery for digital . display
- Electronic documentation system (JetLogger).
- Air hose with claw-connector .
- Heavy duty reinforced belts (orange)





JETTING V2



V2 ELECTRIC

Full automatic installation! Robust and compact electric operated fiber blowing machine. This machine can be configurated from 2,4 to 16 mm cable and 7 to 50 mm duct. Anodized aluminum construction makes this machine both lightweight and easy to maintain .



Duct diameter: 7-50 mm

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Weight: approx 14 kg

Air connection: 3⁄4" Claw connector

WxHxD 330 x 250 x 330 mm

ELECTRIC FIBER BLOWING MACHINE FOR CABLE 2.4-16 MM / DUCT 7-50 MM

- Electrically operated. 230V power supply. Optional 56V Battery.
- Electronic stopping/slipping protection within 50 ms.
- Softstart: Enables an even smoother start protecting the fiber.
- Auto mode including control of air supply.
- Display for current speed, distance, cable force, pressure and duct air temp.
- Max. speed: 200 m/min.
- Stepless pushing force on cable up to 600 N.
- Electric adjustable clamping force.
- Electric adjustable air supply.
- Works with JetLogger.
- Memory: The last inserted data like pushing force will stay in the memory even if the device will be switched off or the battery need to be exchanged.
- Service info: Memory of total milage/distance since machine taken into operation.
- Duct air release button.
- Diagnostic system.
- Floating prepared. No additional Hardware.











AFTERBLOWER



DUCT CLAMP (AVAILABLE IN 3 DIFFERENT SIZES)

CABLE GUIDE (AVAILABLE IN 3 DIFFERENT SIZES)

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STD CONFIGURATION V2 E

- Transport case
- Extra fixtur
- 1 bottle Micro Duct Lube
- 1 bottle Duct Lube
- Service kit
- Drive belts (Red)

ACCESSORIES FOR V2 E

- Afterblower
- Jetlogger
- Duct clamps
- Cabel guides

V3

Robust and powerful, pneumatic operated fiber blowing machine designed for single cables and for relining of multiple micro ducts. Configuration can be made for cable between 4 and 40 mm and duct dimensions between 10 and 63 mm. The unique Joystick controller and the agile motors securing a optimal control of the installation. With an anodized aluminum construction, the machine is lightweight but still very strong.

- Max pressure: 16 Bar
- Pushing force:Up to 1200 N
 - Cable diameter: 4-40 mm

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Duct diameter: 10-63 mm Weight: approx 22

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approx 22 kg

Air connection: 1" Claw connector

WxHxD 700 x 300 x 310 mm

FIBER BLOWING MACHINE FOR **CABLE 4-40 MM / DUCT 10-63 MM**

- Pneumatic operation, double motors. .
- Joystick Controller with forward and reverse function. .
- Electronic counter for speed and distance. .
- Gentle operation with long contact surface on the cable. .
- Display for speed, distance and pressure in duct. .
- Max. speed 120 m/min, max pushing force on cable 1200 N.
- Adjustable clamping force. .
- Option of sub-ducting kit for installing several micro ducts.
- Works with JetLogger .
- Duct air quick release valve. .

STD CONFIGURATION

- Transport case
- Extra fixtur
- 1 bottle Micro Duct Lube
- 1 bottle Duct Lube
- 1 bottle pneumatic oil
- Service kit
- 12 mm cabels guides
- Drive belts (Red)
- Duct air quick release valve.

ACCESSORIES FOR V3

- Duct clamps .
- Cabel seals

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- Afterblower
- Cabel guides for 15, 22, 26 and 34 mm
- Floating kit
- 9-12 V adaptor for replacing 9 V digital display battery.
- Jetlogger .
- Subducting kit













CABLE GUIDE (AVAILABLE IN DIFFERENT SIZES)



- - DUCT CLAMP (AVAILABLE IN DIFFERENT SIZES) AFTERBLOWER



JETLOGGER

JetLogger is a professional documentation system for the installer who need an efficient and professional electronic documentation of the cable blowing process. Jetlogger is developed together with installers , network owners and approved by German Telecom – ZTV TKNetz 40. Jetlogger can be delivered to following models: V0- V0 HD- V2 and V3.

JETLOGGER FOR VO, VO HD, V2 AND V3

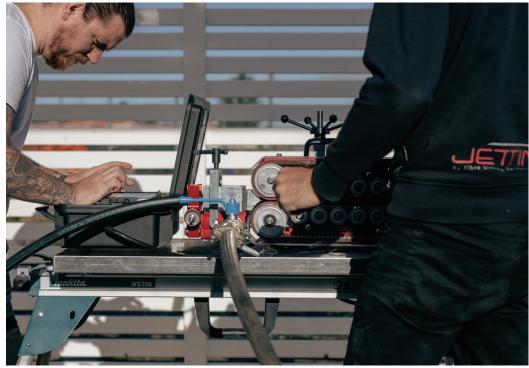
- Individual input describing the job, cable and pipe/duct.
- Automatic input of temperature, humidity and the exact position by GPS.
- Monitoring every 1.0 m:
 - The air pressure
 - Speed
 - Distance
 - Pushing force
- These parameters are presented live on the tablet giving the user a full view over the process.
- Automatic safety shutdown if optimal pushing force is exceeded .
- A protocol in PDF format can be saved and possibly sent to the network owner.
- Memory for most used Cable and Duct data.
- Independent of the Cloud.
- Via the GPS position a link to Google map makes it possible to see the exact location.
- Built-in 4G modem with SIM card slot.
- Supports all cloud services such as dropbox, onedrive, google drive, apple icloud etc.
- Language selection, ENG, FR, GER, SPA. Change between Celsius / Fahrenheit and Metrics / Imperial (feet).

OCPC

- In the JetLogger you find the OCPC system
- (Optimal Cable Pipe Combination).
- The OCPC system is an intelligent system helping you to get the optimal pipe and cable combination for optimal blowing conditions. (Fill factor).







JETAIR 100270 (MINI COMPRESSOR 10 BAR 270 L)

The compact engine driven (petrol) compressor makes the FTTH installation easier. With 10 bar and 270 liter / minute combined with an effective build on aftercooler and humidity filter, this compressor make you totally independent of power supply. JetAir 100270 is build for optimal fiber blowing into microduct with internal ø up to 4 mm, but can also be used for shorter distances in duct up to 10 mm internal.

The lightweight but still robust construction make the transport and setup for blowing very easy. Combined with Jettings Trigg AIR or the VO fiber blowing machine you have a perfect match. The JetAir 100270 comes with a 10 m Air hose.

- 10 Bar/ 0,270 m3/min.
- ROBIN engine SUBARU 3Hp (Manuel start)
- Build in aftercooler and water separator
- Oil free air delivery
- Weight 24.5 kg
- Outlet: 1 x 3/8 Cejn connector
- 4-stroke

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- Vibration dampening rubber feet
- Optimal for micro duct
- 95 octane
- Fuel tank 3.5 liters
- Db 80 dB LpA / 94 dB LwA
- Size L510xH420xW306
- Article number 660506



Compact and effective asymmetrical screw-type compressor with aftercooler, optimized for professional fiber blowing. The JETAIR 140700 / 141000 is powered with a 2 cylinder, 23 Hp Vanguard Briggs & Stratton petrol engines with electric start. The compressor supply 1.0m3 / min at 14 Bar. EU-version 0.7 m3/min. at 14 bar.

The compact and open design makes is lightweight (only 148 Kg.) securing a very flexible and mobile compressor.

- 14 Bar (export model 1,0 m3/min.)
- 14 Bar (EU model 0,7 m3/min.)
- Briggs & Stratton 23hp 4 stroke
- Air-cooled
- Oil free air delivery
- Weight 148 kg
- Air take -off valve 1 x G 3/4" Outlet 3/8 " Claw
- Inclusive extern aftercooler and 3 m air hose

- 4-stroke
- Optimal for professional fiber blowing
- 95 octane
- Fuel tank 8,5 liters
- Size L989xH804xW703
- Article no. 660507 (EU model)
- Article no. 660508 (export model)



Y-BLOCK

Y-Block for installing second and third cable. Max 16 mm and 12 mm. Can be supplied with clamps Ø 25-32-40 or 50 mm to existing duct. Can be supplied with duct adaptor Ø 25-32-40 or 50 mm for the connection between the Y-block and the machine.



PIPE AND DUCT CUTTER

Professionel Duct/ Pipe cutter for clean cuts.



DRUM RACK

To be mounted on the cable drum for smoother fibre feed from the drum, and for better ergonomic. Unique design makes installation easy . Fit drums up to 150 kg and Ø 1200mm.Collapsible for smoother transport.



CABLE HEADS

Threaded cable heads are available in the sizes: 2,5 3,0 3,5 4,0 4,5 5,0 5,5 6,0 6,5 7,0 7,5 8,0 8,5 9,0 9,5 10 16 Unthreaded (pinched in place) cable heads are available in the sizes: 1,4 1,8 2,0



LUBRICANT

Use lubricant after cleaning of duct/ pipe to optimize cable installation and reduce static electricity.



CLEANING SPONGES

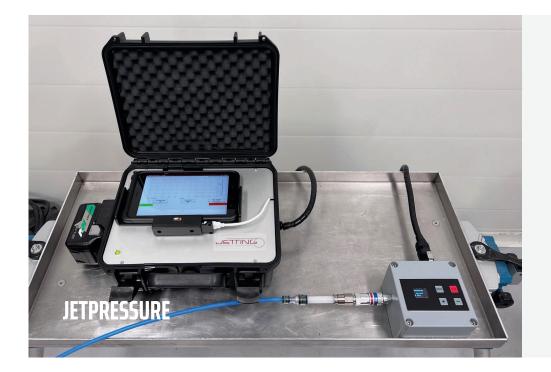
Cleaning sponges in cylindric design, optimizing duct/ pipe cleaning. Available for all sizes of duct and pipes.



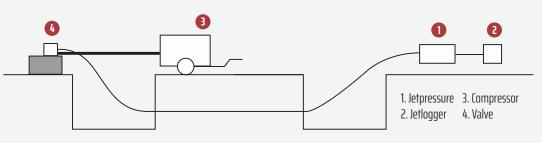


- Easy to use
- No electricity needed
- Quick connection to machine
- Easy deaerate and drain
- Adjustable amount
- Low air consumption
- Compact size
- Low noise level (75dB)

FLUID PRESSURE* 18 BAR AMOUNT PER STROKE 0,5 ml ADJUSTABLE AMOUNT' 0,5 ml to 80 ml AIR CONSUMPTION <10 l/min WEIGHT 6 kg SIZE 330 X 250 X 150 TANK 500 ml NOISE LEVEL 75 dB



Jetpressure is a professional unit for the installer who needs an assistant and professional electronic documentation of the pipe. The device is used together with the Jetting Jetlogger. The Jetlogger and the unit is developed together with installers who saw the need to check the condition of the pipe.





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