



Light Brigade®

AIR BLOWN FIBER

PRODUCT ORDERING GUIDE



A Hexatronic Group Company

The Leader in Fiber Optic Skills Training

Since 1987, Light Brigade has offered worldwide, state-of-the-art, instructor-led, certified fiber optic training courses and hands-on skills training for industry professionals. Light Brigade has trained over 85,000 technicians, installers, engineers, designers, and other support staff from a variety of industries worldwide, equipping them with the skills and tools required to advance their careers.

Your Partner in Air Blown Fiber Equipment

Light Brigade is proud to be your trusted partner in high-quality air blown fiber installation equipment, catering to every application from FTTx installs to large-duct backbone networks.

In collaboration with Jetting AB, we offer state-of-the-art pneumatic-driven fiber blowing machines built to optimize power and throughput. We also proudly supply Hexatronic Air Blown Fiber tooling and accessories for microduct applications, along with ELGi towable air compressors for enhanced efficiency.

Our dedicated support personnel will accompany your new blowing machine on-site to ensure you have the right equipment and the confidence to start blowing fiber from day one.



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Hexatronic Stingray ABT

For Hexatronic Stingray Cable 1.0-1.6 mm / Microduct 3, 5, or 7 mm

The Hexatronic Stingray Air Blown Fiber Installation Tool is used to install Stingray air blown fibers into microducts. This unique, easy-to-handle, and lightweight tool is designed for optimal performance in combination with all Stingray fiber units and microducts in the Hexatronic Air Blown Fiber System.



FEATURES

- Class-leading installation performance in combination with Hexatronic Stingray Air Blown Fiber
- Divisible blowing head for pre-terminated blown fiber
- Installation speed of up to 150 m/min
- Portable and lightweight
- Easy to use and virtually calibration-free design
- Low noise
- Speed locking
- Easy push-pull on reel arm
- OLED display
- For all Hexatronic Air Blown Fiber cables 2 - 24 fibers
- Includes guides for Microduct dimensions 3, 5, and 7 mm

KIT INCLUDES

- Battery charger
- 2 Li-ion batteries
- Air filter and valve set
- Reel holder for prefabricated Stingray reels
- Small toolbox with tools and common replacement parts
- Two fiber guide sets for 2-6 and 8-12 blown fiber units are included
- Nozzles for 3, 5 and 7 mm microducts
- Microduct cutter
- User guide
- Carrying case



SPECIFICATIONS

BATTERY	Li-ion
MAX PRESSURE	10 bar / 145 psi
MAX SPEED	150 m/min or 490 ft/min
PUSHING FORCE	5.3 N / 1.2 lbf
CABLE DIAMETER	1.0 - 1.6 mm
DUCT DIAMETER	3, 5, or 7 mm
NET WEIGHT	Approx 3.5 lbs
AIR CONNECTION	Std. 1/4" quick connector
WxHxD	16 x 9 x 19"

Stingray ABT Ordering Information

Part Number	Description
B-LTT1792040	Stingray Air Blown Fiber Installation Tool
B-NTB101116	Tripod for Stingray Air Blown Fiber Installation Tool
TK-ABF	Light Brigade ABF Duct Access Tool Kit (see page 22)

Hexatronic Stingray ABT



Hexatronic Divisible Cable Seals

Part Number	Cable Diameter	Outer Diameter	Pack Size
B-MPB30608/10B	5.0 - 6.5 mm	10 mm	25
B-MPB30608/14A	5.0 - 6.5 mm	14 mm	25
B-MPB30608/14B	8 - 10 mm	14 mm	1
B-MPB30608/14C	6.5 - 8 mm	14 mm	25



Hexatronic Duct Straight Connectors

Part Number	Duct OD	Duct ID	Pack Size
B-NPA10201/5	5 mm	3.5 mm	100
B-NPA10201/7	7 mm	3.5 mm	100
B-NPA10201/14	14 mm	10 mm	100
B-NPA10201/16	16 mm	12 mm	10
B-NPA10201/1610	16 mm	10 mm	10
B-NPA10201/18	18 mm	12 mm	10



Hexatronic Duct Reducer Connectors

Part Number	Wide End	Narrow End	Pack Size
B-NPA10301/7	7 mm / 3.5 mm	10 mm	10
B-NPA10301/160	16 mm / 12 mm	14 mm	10



Hexatronic Duct End Stops

Part Number	Diameter	Pack Size
B-NPA10101/5	5 mm	100
B-NPA10101/7	7 mm	100
B-NPA10101/14	14 mm	100
B-NPA10101/16	16 mm	10
B-NPA10101/18	18 mm	10



Hexatronic Cleaning Sponges

Part Number	Duct Size	Pack Size
B-NTM50207	3.5 - 5 mm	100
B-NTM50207/1	8 - 12 mm	100
B-NTM50207/2	6 - 9 mm	100
B-NTM50207/3	10 - 15 mm	100
B-NTM50207/4	14 - 21 mm	100
B-NTM50207/5	12 - 18 mm	100

TriggAIR Fiber Blowing Machine

For Cable 0.8-3 mm / Microduct 3, 5, 7, and 8 mm

TriggAIR is a robust, handheld, battery-powered fiber blowing tool optimized for FTTx installation of blown fiber (EPFU) and micro/nano cables from 0.8 mm to 3 mm into microduct size 3, 5, 7 and 8 mm. The effective fiber security and adjustable clamping force ensures that all cable types can be installed effectively and safely. TriggAIR comes in a strong transport case with batteries, charger, and an assortment of cable seals.



FEATURES

- Battery operated
- Secures fiber by mechanical clutch and adjustable clamping force
- Operable in forward and reverse
- Drive wheel with rubber rings for a good and soft grip
- Digital display shows speed and distance
- Accepts up to 232 psi pressure
- Cruise control for maximum throughput



KIT INCLUDES

- Transport case
- TriggAIR machine
- Charger for 12V battery
- 4Ah Milwaukee connector
- 12V lithium battery (2 pcs)
- Cable seal assortment:
 - 1.2 mm / 0.05" (10 pcs)
 - 1.8 mm / 0.07" (10 pcs)
 - 2.2 mm / 0.09" (10 pcs)
 - 2.8 mm / 0.11" (10 pcs)
- Duct cutter
- User manual



SPECIFICATIONS

BATTERY	12V, 4Ah Milwaukee
MAX PRESSURE	16 bar / 232 psi
MAX SPEED	150 m/min or 492 ft/min
PUSHING FORCE	Up to 30 N / 6.7 lbf
CABLE DIAMETER	0.8 - 3 mm
DUCT DIAMETER	3, 5, 7, and 8 mm
NET WEIGHT	Approx. 14 lbs
AIR CONNECTION	Std. 3/8" CEJN
WxHxD	18.1 x 13.8 x 7.1" (with case)

TriggAIR Fiber Blowing Machine

TriggAIR Ordering Information

Part Number	Description
JET-LB-TRIGGAIR	TriggAIR Handheld Fiber Blowing Machine Kit, Includes Batteries & Charger



TriggAIR Accessories

Part Number	Description
17010	TriggAIR Tripod
17011	Reel Arm Kit for Pre-Terminated Mini Drums
17013	Reel Arm Spacer Kit
17015	TriggAIR U-Groove Drive Wheel for 2-3 mm Cables
17016	Table Bracket for TriggAIR
17017	TriggAIR 3 mm Duct Adapter
34039	Set of TriggAIR Drive Wheel O-Rings (2 pcs)



V0 HD Fiber Blowing Machine

For Cable 0.8-6.5 mm / Microduct 3-16 mm

The V0 HD is a compact fiber blowing machine optimized for FTTx installation of blown fiber (EPFU) and micro/nano cables from 0.8 to 6.5 mm into microduct from 3 to 16 mm. A full digital control system with soft start, electronic fiber security, and memory functions, combined with an up to 45 lbf powerful motor makes the machine very flexible and easy to use. The V0 HD can be operated directly from its case and can be configured with the JetLogger electronic documentation system.



FEATURES

- Operated by either 18V battery or AC power
- Electronic stopping/slipping protection within 250 ms
- Display for current speed, distance, pushing force and duct air pressure
- Adjustable clamping force
- Configurable to work with JetLogger electronic documentation system
- Memory function that saves the last settings
- Soft start to protect the fiber during installation
- Memory of total mileage/distance since machine taken into operation
- Display showing the air temperature injected into the duct
- Duct air release valve for evacuating compressed air from the duct quickly
- Counter display in either metric (m/km) or imperial (ft/mi)

SPECIFICATIONS

BATTERY	18V, 5Ah std. Hitachi connector
MAX PRESSURE	16 bar / 232 psi
MAX SPEED	110 m/min or 820 ft/min
PUSHING FORCE	Up to 200 N / 45 lbf
CABLE DIAMETER	0.8 - 6.5 mm
DUCT DIAMETER	3 - 16 mm
NET WEIGHT	Approx. 28.5 lbs (with case)
AIR CONNECTION	Std. 3/8" CEJN
WxHxD	23.6 x 19.7 x 11.8" (with case)

KIT INCLUDES

- Transport case
- 3 drive wheels:
 - 0.8 - 3 mm / 0.03 - 0.12" (1 pcs)
 - 2.4 - 4.5 mm / 0.09 - 0.17" (1 pcs)
 - 4.6 - 6.5 mm / 0.18 - 0.26" (1 pcs)
- Battery charger
- 2 batteries (18V - 5Ah)
- 1 bottle microduct lube
- Service kit



V0 HD Fiber Blowing Machine

V0 HD Ordering Information

Part Number	Description
JET-LB-V0-HD-BC	Jetting V0 HD Blowing Machine, Includes Batteries and Charger
JET-LB-V0-HD-JL-BC	Jetting V0 HD Blowing Machine, JetLogger Ready, Includes Batteries and Charger



V0 HD Duct Clamps

Part Number	Duct OD	Cable Track	Cable Seal OD
JET-V0-4-2.5	4 mm	2.5 mm	7 mm
JET-V0-5-2	5 mm	2 mm	7 mm
JET-V0-5-3.5	5 mm	3.5 mm	7 mm
JET-V0-6-4	6 mm	4 mm	7 mm
JET-V0-7-2	7 mm	2 mm	7 mm
JET-V0-7-3.5	7 mm	3.5 mm	7 mm
JET-V0-8-4	8 mm	4 mm	7 mm
JET-V0-8.5-4	8.5 mm	4 mm	7 mm
JET-V0-10-5	10 mm	5 mm	7 mm
JET-V0-10-7	10 mm	7 mm	16 mm
JET-V0-12-5	12 mm	5 mm	7 mm
JET-V0-12-7	12 mm	7 mm	16 mm
JET-V0-12.7-5	12.7 mm (0.5 in)	5 mm	16 mm
JET-V0-14-5	14 mm	5 mm	7 mm
JET-V0-14-7	14 mm	7 mm	16 mm
JET-V0-16-5	16 mm	5 mm	7 mm
JET-V0-16-7	16 mm	7 mm	16 mm

Other V0 HD Accessories

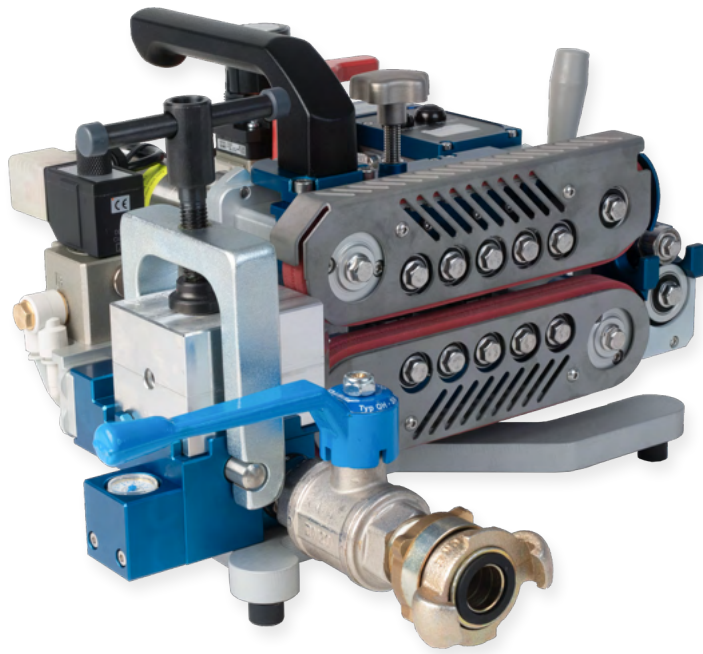


Part Number	Description
JET-10050	Cable Guide, 3 mm
JET-10051	Cable Guide, 5 mm
JET-10052	Cable Guide, 7 mm
JET-661296	V0 Clamp for Pressure Test
JET-10024	V0 Table & Tripod Bracket
JET-661147	V0 External Cable Guide for Transport Box

V2 Fiber Blowing Machine

For Cable 2.4-16 mm / Duct 7-50 mm

The V2 is a robust and compact pneumatic-operated fiber blowing machine with a unique joystick controller for optimal control of the fiber installation. This machine can be configured for cables ranging from 2.4 to 16 mm and conduits from 7 to 50 mm (microduct) and 0.75 to 1.5 inches (smooth wall conduit). Anodized aluminum construction makes this machine both lightweight and easy to maintain.



FEATURES

- Pneumatic operation with dual 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 / 17.7" belt length
- Display for speed, distance, and gauge for pressure in duct
- Max. speed: 656 ft/min, max. pushing force on cable: 123.5 lbf
- Adjustable clamping force
- Configurable to work with JetLogger electronic documentation system
- Duct air release valve for evacuating compressed air from the duct quickly

SPECIFICATIONS

MAX PRESSURE	16 bar / 232 psi
MAX SPEED	200 m/min or 656 ft/min
PUSHING FORCE	Up to 550 N / 123.5 lbf
CABLE DIAMETER	2.4 - 16 mm
DUCT DIAMETER	7 - 50 mm
NET WEIGHT	Approx. 23 lbs
AIR CONNECTION	3/4" Claw connector
WxHxD	16.5 x 9.1 x 17.7"

KIT INCLUDES

- Transport case
- Extra table fixture
- 1 bottle microduct lube
- 1 bottle duct lube
- 1 bottle pneumatic oil
- Service kit
- Drive belts (red)
- Duct air quick release valve



V2 Fiber Blowing Machine

V2 Ordering Information

Part Number	Description
JET-LB-V2	Jetting V2 Blowing Machine, Includes Hard Case & Service Kit
JET-LB-V2-JLP	Jetting V2 Blowing Machine, JetLogger Ready, Includes Hard Case & Service Kit



V2 Duct Clamps (legacy V1 duct clamps are compatible with V2 Machine)

Part Number	Duct OD	Cable Track	Cable Seal OD
JET-V1-7-3.5	7 mm	3.5 mm	7 mm
JET-V1-8-7	8 mm	7 mm	16 mm
JET-V1-10-8	10 mm	8 mm	16 mm
JET-V1-12-10	12 mm	10 mm	16 mm
JET-V1-12.7-10	12.7 mm (0.5 in)	10 mm	16 mm
JET-V1-14-10	14 mm	10 mm	16 mm
JET-V1-16-13.5-DS	16 mm	13.5 mm	16 mm & 22 mm
JET-V1-18-13.5-DS	18 mm	13.5 mm	16 mm & 22 mm
JET-V1-20-10	20 mm	10 mm	16 mm
JET-V1-20-16	20 mm	16 mm	22 mm
JET-V1-25-13.5-DS	25 mm	13.5 mm	16 mm & 22 mm
JET-V1-25-16	25 mm	16 mm	22 mm
JET-V1-26.3-16	26.3 mm (3/4 in)	16 mm	22 mm
JET-V1-32-18.5-DS	32 mm	18.5 mm	22 mm & 28 mm
JET-V1-33.3-16-DS	33.3 mm (1 in)	16 mm	22 mm & 28 mm
JET-V1-40-13.5-DS	40 mm	13.5 mm	16 mm & 22 mm
JET-V1-40-16	40 mm	16 mm	22 mm
JET-V1-42.2-16	42.2 mm (1-1/4 in)	16 mm	22 mm
JET-V1-48-16	48 mm	16 mm	22 mm
JET-V1-50-16	50 mm	16 mm	22 mm

Other V2 Accessories

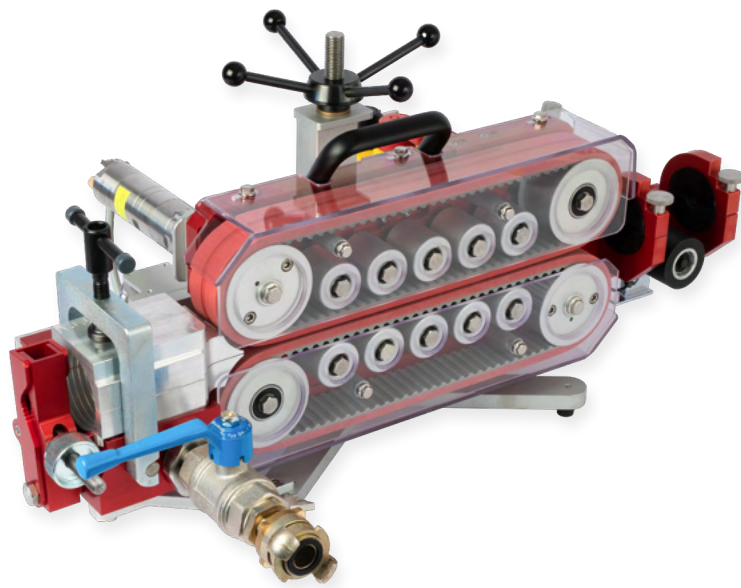


Part Number	Description
JET-11053	Feeding Belt Kit (1 Top & 1 Bottom)
JET-10050	Feeding Belt HD Orange Kit (1 Top & 1 Bottom)
JET-660139	Guide Clip for Cables up to 3.0 mm
JET-660140	Guide Clip for Cables up to 6.5 mm
JET-660141	Guide Clip for Cables up to 9.5 mm
JET-18003-USA	After Blower for V1 Duct Clamps

V3 NE Fiber Blowing Machine

For Cable 4-40 mm / Duct 10-63 mm

The V3 NE is the most powerful pneumatic-operated fiber blowing machine, designed for single cables and for relining of multiple microducts. You can configure it for cables ranging from 4 to 40 mm, duct diameters between 10-63 mm, and smooth wall conduit dimensions between 0.75" to 2". The unique joystick controller and the agile motors provide optimal control during the installation. With an anodized aluminum construction, the machine is lightweight but still very strong.



FEATURES

- Pneumatic operation with dual 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 165 ft/min, max pushing force on cable 400 lbf
- Adjustable clamping force
- Optional sub-ducting kit for installing several microducts
- Configurable to work with JetLogger electronic documentation system
- Duct air quick release valve

SPECIFICATIONS

MAX PRESSURE	16 bar / 232 psi
MAX SPEED	65 m/min or 215 ft/min
PUSHING FORCE	Up to 1800 N / 400 lbf
CABLE DIAMETER	4 - 40 mm
DUCT DIAMETER	10 - 63 mm
NET WEIGHT	Approx. 55 lbs
AIR CONNECTION	1" Claw connector
WxHxD	27.6 x 15.8 x 23.2"

KIT INCLUDES

- Transport case
- Extra fixture
- 1 bottle microduct lube
- 1 bottle duct lube
- 1 bottle pneumatic oil
- Service kit
- 12 mm / 0.47" cable guides
- Drive belts (red)
- Duct air quick release valve



V3 NE Fiber Blowing Machine

V3 NE Subducting

Subducting or relining is a method of installing microduct into an already installed main duct. By utilizing the existing main duct, the capacity for fiber installation can be optimized and the cost of installation reduced. The V3 NE can easily be configured with a sub-ducting kit to install various sizes of microducts, for example, 7x7/3.5 mm or 4x14/10 mm.

V3 NE Floating

Floating is a method of installing fiber cable into a duct using water instead of compressed air. Floating allows you to go further, sometimes twice as far compared to compressed air. The cable glides through the duct, making it easier to cover long distances. The V3 NE and V2 can easily be configured with a floating kit.

Jetting Rod Pusher Cart

The Jetting Cart allows you to push or pull a duct rod through ducts where blowing of the fiber optic cable is not possible. With the Jetting Cart the V3 can be easily fixed to a manhole, automating the manual pull and push process. The Cart can also be used as an alternative to a workbench.



V3 NE Fiber Blowing Machine

V3 NE Ordering Information

Part Number	Description
JET-V3-CAN	Jetting V3 Blowing Machine, Includes Hard Case & Service Kit
JET-V3-JLP-CAN	Jetting V3 Blowing Machine, JetLogger Ready, Includes Hard Case & Service Kit



V3 NE Duct Clamps

Part Number	Duct OD	Cable Track	Cable Seal OD
JET-V3-10-8	10 mm	8 mm	16 mm
JET-V3-12-10	12 mm	10 mm	16 mm
JET-V3-12.7-10	12.7 mm (0.5 in)	10 mm	16 mm
JET-V3-14-10	14 mm	10 mm	16 mm
JET-V3-16-13.5-DS	16 mm	13.5 mm	16 mm & 22 mm
JET-V3-18-13.5-DS	18 mm	13.5 mm	16 mm & 22 mm
JET-V3-20-10	20 mm	10 mm	16 mm
JET-V3-20-16	20 mm	16 mm	22 mm
JET-V3-25-13.5-DS	25 mm	13.5 mm	16 mm & 22 mm
JET-V3-25-16	25 mm	16 mm	22 mm
JET-V3-26.3-13.5-DS	26.3 mm (3/4 in)	13.5 mm	22 mm & 28 mm
JET-V3-26.3-16	26.3 mm (3/4 in)	16 mm	22 mm
JET-V3-32-10	32 mm	10 mm	16 mm
JET-V3-32-20-DS	32 mm	20 mm	22 mm & 28 mm
JET-V3-33.3-20-DS	33.3 mm (1 in)	20 mm	22 mm & 28 mm
JET-V3-40-10	40 mm	10 mm	16 mm
JET-V3-40-16	40 mm	16 mm	22 mm
JET-V3-40-20-DS	40 mm	20 mm	22 mm & 28 mm
JET-V3-40-23	40 mm	23 mm	28 mm
JET-V3-42.2-20-DS	42.2 mm (1-1/4 in)	20 mm	22 mm & 28 mm
JET-V3-42.2-23	42.2 mm (1-1/4 in)	23 mm	28 mm
JET-V3-48-20-DS	48 mm (1-1/2 in)	20 mm	22 mm & 28 mm
JET-V3-48-23	48 mm (1-1/2 in)	23 mm	28 mm
JET-V3-50-10	50 mm	10 mm	16 mm
JET-V3-50-20-DS	50 mm	20 mm	22 mm & 28 mm
JET-V3-50-23	50 mm	23 mm	28 mm
JET-V3-50-33	50 mm	33 mm	47 mm
JET-V3-60.3-23	60.3 mm (2 in)	23 mm	28 mm
JET-V3-60.3-33	60.3 mm (2 in)	33 mm	47 mm
JET-V3-63-23	63 mm	23 mm	28 mm

V3 NE Fiber Blowing Machine



Rear Guides for V3 NE

Part Number	Description
JET-13030A	Aluminum Rear Guide 12 mm
JET-13039A	Aluminum Rear Guide 15 mm
JET-13040A	Aluminum Rear Guide 22 mm
JET-13042A	Aluminum Rear Guide 26 mm
JET-13049A	Aluminum Rear Guide 34 mm



Other V3 NE Accessories

Part Number	Description
JET-11054	Feeding Belt Kit (1 Top & 1 Bottom)
JET-11051	Feeding Belt HD Orange Kit (1 Top & 1 Bottom)
JET-18005-USA	After Blower for V3 Duct Clamps
JET-YBL-HD-USA	Y-Block for Overblowing 25/50 mm Duct
JET-16025	Extra Duct Adapter for 25 mm
JET-16032	Extra Duct Adapter for 32 mm
JET-16040	Extra Duct Adapter for 40 mm
JET-16050	Extra Duct Adapter for 50 mm
JET-36004	Plastic Duct Adapter for 25 mm
JET-36001	Plastic Duct Adapter for 32 mm
JET-36002	Plastic Duct Adapter for 40 mm
JET-36003	Plastic Duct Adapter for 50 mm



Jetting Cart

Part Number	Description
JET-JETTING-CART	Jetting Rod Pusher Cart for V3
JET-661300	Rod Guide
JET-660718	Rod Guide Hose 1.0 m
JET-660719	Rod Guide Hose 3.0 m
JET-660720	Rod Guide Hose 5.0 m



ELGi Towable Air Compressors

Light Brigade is proud to partner with ELGi to supply air compressors for ABF applications. With more than 60 years of experience in design, manufacturing, and distribution of a wide range of high technology compressed air products, ELGi offers a suite of portable air compressors that are emission and noise compliant, reliable, and efficient with low lifecycle cost. The portable compressor range features a wide variety of models for various fiber blowing applications, a noise-free liquid cooling system for the engine, and a no-key, centralized control panel for easy monitoring.

Versatile and Durable: ELGi portable air compressors are engineered to excel across various industries, including fiber blowing. Their robust design ensures they withstand demanding tasks in harsh environments, making them reliable partners in any application.

Reliable: With a reputation built over six decades, ELGi is synonymous with dependable compressed air solutions. ELGi portable compressors are designed to provide consistent performance, enhancing productivity and minimizing downtime.

Value Proposition: With a focus on reducing operational costs through low maintenance and innovative technology, choosing ELGi ensures long-term reliability and optimal performance for your compressed air needs.



ELGi GP35FP Compressor (B-GP35FP)

The GP35FP is specifically designed to meet the needs of fiber optic cable blowing professionals. From motorways to digital highways, compressed air has always played a leading role in building the future.

- Operating pressure: 218 psi
- Free air delivery: 35 cfm
- Min working pressure: 73 psi
- Dry weight with running gear: 563 lbs
- Dry weight with skid configuration: 563 lbs
- Engine make: VANGUARD
- Engine type: 3864
- Max engine power (3600 RPM): 23 HP
- Max ambient temperature: 115°F
- Min working temperature: 14°F



ELGi D185T4F Compressor (B-D185T4F)

Take on every job with the versatile D185T4F air compressor. The D185T4F is designed so you can complete jobs with the right tools. The combination of standard and optional features make the D185T4F the right machine for any application.

- Capacity - pressure: 100 psi (150 psi with dual pressure option)
- Capacity - volume: 185 cfm (145 cfm with dual pressure option)
- Min working pressure: 73 psi
- Dimensions with running gear: 124 x 53 x 54"
- Dry weight with running gear: 1,960 lbs
- Engine make: KOHLER
- Engine type: KDI 1903 TCR
- Max engine power (3000 RPM): 49 HP
- Max ambient temperature: 122°F
- Min working temperature: 14°F

ELGi Towable Air Compressors

ELGi D300T4F Compressor (B-D300T4F)



The D300T4F will deliver a faster return on investment and lower total cost of ownership. A powerful engine with a maintenance-free T4F system means that the D300T4F will spend more time generating revenue in a diverse range of applications.

- Capacity - pressure: 100 psi (optional 150 psi)
- Capacity - volume: 290 cfm (220 cfm with high pressure option)
- Min working pressure: 73 psi
- Dimensions with running gear: 144 x 66 x 67"
- Dry weight with running gear: 3,395 lbs
- Engine make: KOHLER
- Engine type: KDI 2504-TCR, DOC only
- Max engine power (2600 RPM): 73.6 HP
- Max ambient temperature: 122°F
- Min working temperature: 14°F

ELGi D400T4F Compressor (B-D400T4F)



Maximize your productivity with the dual-pressure D400T4F air compressor. You'll get more work done operating at 100 psi and 150 psi, longer run-time and a digital controller.

- Capacity - pressure: 100 - 150 psi switchable
- Capacity - volume: 375 cfm
- Min working pressure: 73 psi
- Dimensions with running gear: 168 x 76 x 78" (skid configuration: 112 x 54 x 72")
- Dry weight with running gear: 4,950 lbs (skid configuration: 4,345 lbs)
- Engine make: CUMMINS
- Engine type: QSF 3.8
- Max engine power (2200 RPM): 130 HP
- Max ambient temperature: 122°F
- Min working temperature: 14°F



JetLogger Documentation System

For V0 HD, V2, and V3 Fiber Blowing Machines

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



FEATURES

- Individual input describing the job, cable, and pipe/duct
- Automatic input of temperature, humidity, and exact GPS position
- Monitors the following every 1 m / 3 ft:
 - Air pressure
 - Speed
 - Distance
 - Pushing force
- Live readout on the tablet, giving the user a full view of the process
- Automatic safety shutdown if optimal pushing force is exceeded
- PDF summary report
- Memory for most used cable and duct data
- Can be used offline
- Built-in 4G modem with SIM card slot
- Supports all cloud services such as Dropbox, OneDrive, Google Drive, Apple iCloud etc.
- Languages supported: EN, ES, FR, DE
- Display available in both metric and imperial

OCPC SYSTEM

JetLogger features OCPC (Optimal Cable Pipe Combination) to assist with determining optimal fill ratio.



Tools & Accessories



Jetting Cable Seals

Cable seals ensure that the air fed into the duct does not leak out. Cable seals should fit tight on the cable; in general, a seal at least one size smaller than the cable diameter should be used (a 9 mm seal for a 10 mm cable, for example).

Note: Cable seals are supplied in packages of 10.

Non-Divisible Cable Seals

Part Number	Cable Diameter	Outer Diameter
JET-KT1.0-7	1.0 mm	7 mm
JET-KT1.2-7	1.2 mm	7 mm
JET-KT1.5-7	1.5 mm	7 mm
JET-KT1.8-7	1.8 mm	7 mm
JET-KT2.2-7	2.2 mm	7 mm
JET-KT2.8-7	2.8 mm	7 mm
JET-KT3.8-7	3.8 mm	7 mm
JET-KT4-16	4 mm	16 mm
JET-KT4.2-7	4.2 mm	7 mm
JET-KT5-16	5 mm	16 mm
JET-KT6-16	6 mm	16 mm
JET-KT7-16	7 mm	16 mm
JET-KT8-16	8 mm	16 mm
JET-KT9-16	9 mm	16 mm
JET-KT10-22	10 mm	22 mm
JET-KT11-22	11 mm	22 mm
JET-KT12-22	12 mm	22 mm
JET-KT13-22	13 mm	22 mm
JET-KT14-22	14 mm	22 mm
JET-KT15-22	15 mm	22 mm
JET-KT16-22	16 mm	22 mm
JET-KT16-28	16 mm	28 mm
JET-KT17-28	17 mm	28 mm
JET-KT18-28	18 mm	28 mm
JET-KT19-28	19 mm	28 mm
JET-KT20-28	20 mm	28 mm
JET-KT21-28	21 mm	28 mm

Tools & Accessories



Divisible Cable Seals

Part Number	Cable Diameter	Outer Diameter
JET-KTD0-7	Blank	7 mm
JET-KTD0-16	Blank	16 mm
JET-KTD2-16	2 mm	16 mm
JET-KTD2.5-16	2.5 mm	16 mm
JET-KTD2.8-16	2.8 mm	16 mm
JET-KTD3-16	3 mm	16 mm
JET-KTD4-16	4 mm	16 mm
JET-KTD5-16	5 mm	16 mm
JET-KTD6-16	6 mm	16 mm
JET-KTD7-16	7 mm	16 mm
JET-KTD7-16	7 mm	16 mm
JET-KTD8-16	8 mm	16 mm
JET-KTD8.1-4.5-16	8.1 - 4.5 mm (Flat Drop)	16 mm
JET-KTD9-16	9 mm	16 mm
JET-KTD10-16	10 mm	16 mm
JET-KTD11-22	11 mm	22 mm
JET-KTD12-22	12 mm	22 mm
JET-KTD13-22	13 mm	22 mm
JET-KTD14-22	14 mm	22 mm
JET-KTD15-22	15 mm	22 mm
JET-KTD16-22	16 mm	22 mm
JET-KTD16-28	16 mm	28 mm
JET-KTD17-28	17 mm	28 mm
JET-KTD18-28	18 mm	28 mm
JET-KTD19-28	19 mm	28 mm
JET-KTD20-28	20 mm	28 mm
JET-KTD21-28	21 mm	28 mm
JET-KTS21-47	21 mm	47 mm
JET-KTD22-28	22 mm	47 mm
JET-KTD22-47	22 mm	47 mm
JET-KTD23-47	23 mm	47 mm
JET-KTD24-47	24 mm	47 mm
JET-KTD25-47	25 mm	47 mm

Tools & Accessories



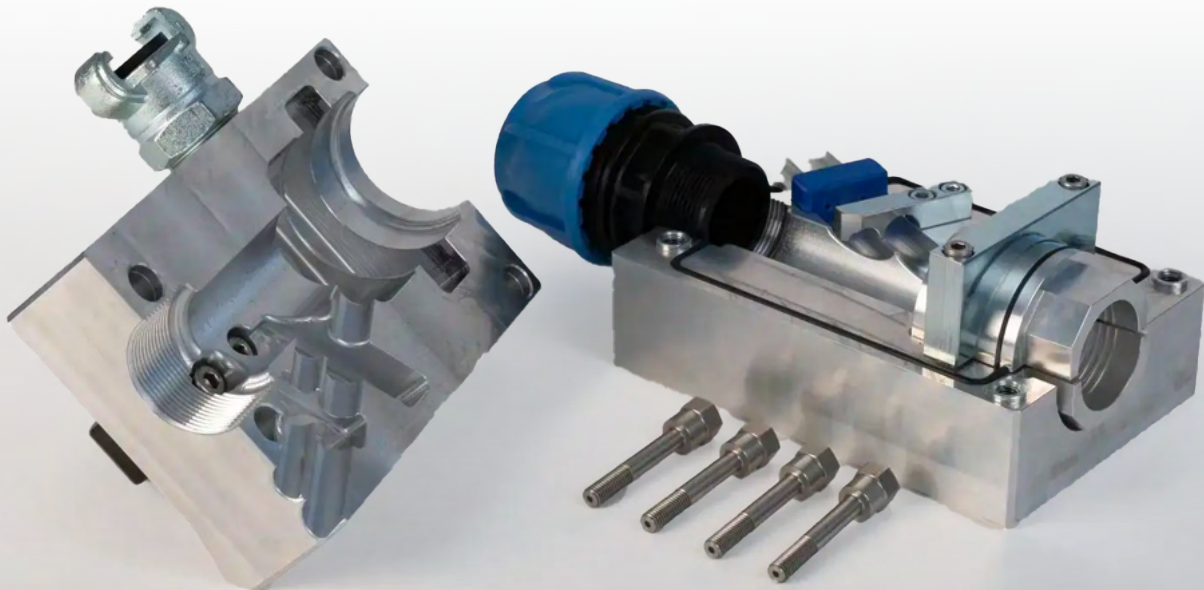
Divisible Cable Seals (Continued)

Part Number	Cable Diameter	Outer Diameter
JET-KTD26-47	26 mm	47 mm
JET-KTD27-47	27 mm	47 mm
JET-KTD28-47	28 mm	47 mm
JET-KTD29-47	29 mm	47 mm



Cable Seal Kits (Includes 4 each of various cable diameters)

Part Number	Cable Diameter	Outer Diameter
B-SK-16-KIT	Blank, 4, 5, 6, 7, 8, 9, 10 mm	16 mm
B-SK-22-KIT	10, 11, 12, 13, 14, 15, 16 mm	22 mm
B-SK-28-KIT	16, 17, 18, 19, 20, 21 mm	28 mm



Tools & Accessories



Jetting Cable Heads

Threaded cable heads are available in sizes 2.5 mm and larger.

Unthreaded (pinched in place) cable heads are available in the sizes 2.2 mm and smaller.

Part Number	Cable Diameter
JET-KS-1.4	1.4 mm
JET-KS-1.8	1.8 mm
JET-KS-2	2 mm
JET-KS-2.2	2.2 mm
JET-KS-2.5	2.5 mm
JET-KS-3	3 mm
JET-KS-3.5	3.5 mm
JET-KS-4	4 mm
JET-KS-4.5	4.5 mm
JET-KS-5	5 mm
JET-KS-5.5	5.5 mm
JET-KS-6	6 mm
JET-KS-6.5	6.5 mm
JET-KS-7	7 mm
JET-KS-7.5	7.5 mm
JET-KS-8	8 mm
JET-KS-8.5	8.5 mm
JET-KS-9	9 mm
JET-KS-10	10 mm
JET-KS-11	11 mm
JET-KS-12	12 mm
JET-KS-13	13 mm
JET-KS-14	14 mm
JET-KS-15	15 mm
JET-KS-16	16 mm
JET-KS-17	17 mm
JET-KS-18	18 mm
JET-KS-19	19 mm
JET-KS-20	20 mm

Tools & Accessories



Jetting Duct Sponges

Cleaning sponges in cylindrical design, optimizing duct cleaning. Available for all sizes of duct.

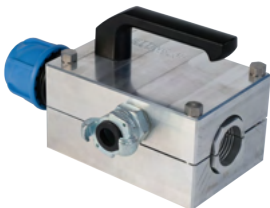
Part Number	Duct Inner Diameter Range	Pack Size
JET-RS3.5-5	3.5 - 5 mm	50
JET-RS7-11	7 - 11 mm	50
JET-RS8-12	8 - 12 mm	50
JET-RS14-21	14 - 21 mm	10
JET-RS17.5-27	17.5 - 27 mm	10
JET-RS22-35	22 - 35 mm	10
JET-RS25-40	25 - 40 mm	10
JET-RS32-55	32 - 55 mm	10



Lubricant

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

Part Number	Description	Pack Size
B-P-35	Polywater Prelube™ 2000	1 qt (MOQ is 12 qts)



Jetting 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.

Tools & Accessories



Light Brigade ABF Duct Access Tool Kit (TK-ABF)

The Light Brigade ABF Duct Access Tool Kit includes all essential tools for working with microduct. Kit includes all items below:



Part Number	Description
HT-CS-JI-2	Round Cable Jacket/Insulation Stripper
HT-MDC-14	Microduct Tube Cutter 0 - 14 mm
HT-MDC-64	Large Fiber Duct Cutter up to 64 mm (2.5 in)
HT-RCS-25	Ratcheting Cable Slitter
TK-CP-SS-1	Fiber Stripper & Kevlar® Shears with Pouch
HT-KN-200INS	Insulated Cable & Duct Sheathing Knife
B-LDK19501/10	Duct Shaper for Microducts 2 - 10 mm
B-HLDK19505/1	Duct Expander for Microducts 3.5 mm ID
HT-TB-RCC-1	Rugged Nylon Carrying Case



Hexatronic MDU Tool Kit (TK-HTRO-MDU)

The Light Brigade Hexatronic MDU Tool Kit provides the tools required for installing fiber optic cable within an MDU. Kit includes all items below:



Part Number	Description
HT-MDC-14	Microduct Tube Cutter 0 - 14 mm
HT-CS-TO-2	3-Hole Fiber Stripper
HT-SS-ES-2	Electrician's Scissors
HT-MS-SL-1	Mid-Span Slitter for 1.2 - 3.3 mm
HT-PP-1	Fiber Spudger
HT-TB-TB-2	Rugged 21-Pocket Tool Bag

Tools & Accessories



Jetting JetLuber Lubrication System



JetLuber lubricates the duct during fiber blowing to make installing fiber cables easy and smooth.

- Easy to use
- No electricity needed
- Quick connection to machine
- Easy deaerate and drain
- Low air consumption
- Compact size
- Low noise level
- Fluid pressure: 261 psi
- Amount per stroke: 0.5 ml (0.02 oz)
- Adjustable amount: 0.5 to 80 ml (0.02 to 2.7 oz)
- Air consumption: <0.35 cfm
- Tank: 500 ml (16.9 fl oz)
- Weight: Approx. 14 lbs
- Size: 5.9 x 11.8 x 12.3"

JetLuber Ordering Information

Part Number	Description
JET-661319	JetLuber Lubrication System
JET-660747	Clamp Dock for V2 Prepared for JetLuber
JET-660748	Clamp Dock for V3 Prepared for JetLuber



Jetting JetPressure Electronic Duct Pressure Tester

JetPressure provides a tailored solution for professional installers, offering comprehensive electronic pipe documentation. This advanced device seamlessly integrates with JetLogger, and was developed in collaboration with experienced installers who recognize the crucial need for effective pipe condition assessments.

- Works independently of the fiber blowing machine
- Duct can be tested before actual fiber installation
- Easy to use
- Quick connection to machine
- Compact size
- No noise
- Weight: Approx. 2.4 lbs
- Size: 6.5 x 5.5 x 3.1"

JetPressure Ordering Information

Part Number	Description
JET-PRESSURE	JetPressure Electronic Duct Pressure Tester

Blowing Machine Comparison Chart

The Right Tool for Every Job



	Stingray ABT	TriggAIR	V0 HD	V2	V3 NE	
Part No.	B-LTT1792040	JET-LB-TRIGGAIR-BC	JET-LB-V0-HD-BC	JET-LB-V2	JET-V3-CAN	
No. Fibers	2 to 24	2 to 24	2 to 24	2 to 864	2 to 864	
Cable Family	STINGRAY	✓	✓	✗	✗	
	VIPER	✗	✗	✓	✓	
	RAPTOR	✗	✓	✓	✗	
Key Features	Stingray ABF	Variable Clutch	Soft Start	Flat Drop	Subducting	
Machine Specifications	Usage	FTTH	FTTH	FTTH	Distribution Network	Distribution Network
	Max Speed	150 m/min	150 m/min	110 m/min	200 m/min	65 m/min
	Cable Diameter	1 - 1.6 mm	0.8 - 3 mm	0.8 - 6.5 mm	2.4 - 16 mm	4 - 40 mm
	Duct Diameter	3, 5, or 7 mm	3, 5, 7, and 8 mm	3 - 16 mm	7 - 50 mm	10 - 63 mm
	Pushing Force	5.3 N	Up to 30 N	Up to 200 N	Up to 550 N	Up to 1800 N
	Blowing Distance	500 m	500 m+	1500 m+	3000 m+	5000 m+
	Max Pressure	10 bar	16 bar	16 bar	16 bar	16 bar
	Power Source	Battery	Battery	Battery	Pneumatic	Pneumatic

Compressors:

Pancake compressors are NOT suitable for fiber blowing, as the CFM is not sufficient.



We recommend a fill ratio of 50-75% as the optimum cable to pipe inside area. Some recommend 80%, but we've found this limits range significantly. It's easy to calculate duct fill ratio:

$$\frac{\text{Cable Diameter}}{\text{Duct Inside Diameter}} = \text{Fill Ratio}$$



Air Blown Fiber Training

Foundational/Intermediate

Air Blown Fiber for Installers & Technicians

Air Blown Fiber for Installers and Technicians is a four-day, foundational/intermediate level, instructor-led course focused on air blown fiber construction, installation, and maintenance practices.

The two-day theory part of the course incorporates various interactive exercises to prepare students for the more in-depth hands-on skills portion of the course that takes place on days three and four.

While the primary focus of the content is presented with the OSP in mind, the same principles equally apply to indoor applications such as MDU, hospitality, and commercial businesses and campuses.

Audience: Installers, OSP technicians, field supervisors, project managers, and designers.

Prerequisite: Fiber Foundations and a foundational-level course such as Fiber Optics 1-2-3 or Broadband Fiber Optic Technician Level 1 is recommended, but not required.



Click or scan for detailed course information and upcoming training locations.

Credentialing



Light Brigade Digital Badge

Complete this course and receive a Credly digital badge.

Intermediate

Air Blown Fiber Workshop

Air Blown Fiber Workshop is a two-day course focused on installation, maintenance, and machine operation for those interested in learning the basics of ABF technology or who have recently purchased blowing equipment and want hands-on instruction in how to properly use it. The content is primarily aimed at OSP/FTTx installations, however the basic principles apply equally to indoor and campus installations.

Audience: Anyone needing instruction in the basics of air blown fiber technology.

Prerequisite: Any Light Brigade foundational level course such as Fiber Optics 1-2-3, Broadband Fiber Optic Technician Level 1, Fiber Optics for Utilities Level 1, or equivalent field experience.



Click or scan for detailed course information and upcoming training locations.

Credentialing



Light Brigade Digital Badge

Complete this course and receive a Credly digital badge.

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