



Blowing Machine Catalog

ABADIS DYNAMIC TECHNOLOGY

Active and pioneering in the field of fiber optic
manufacture and installation equipment

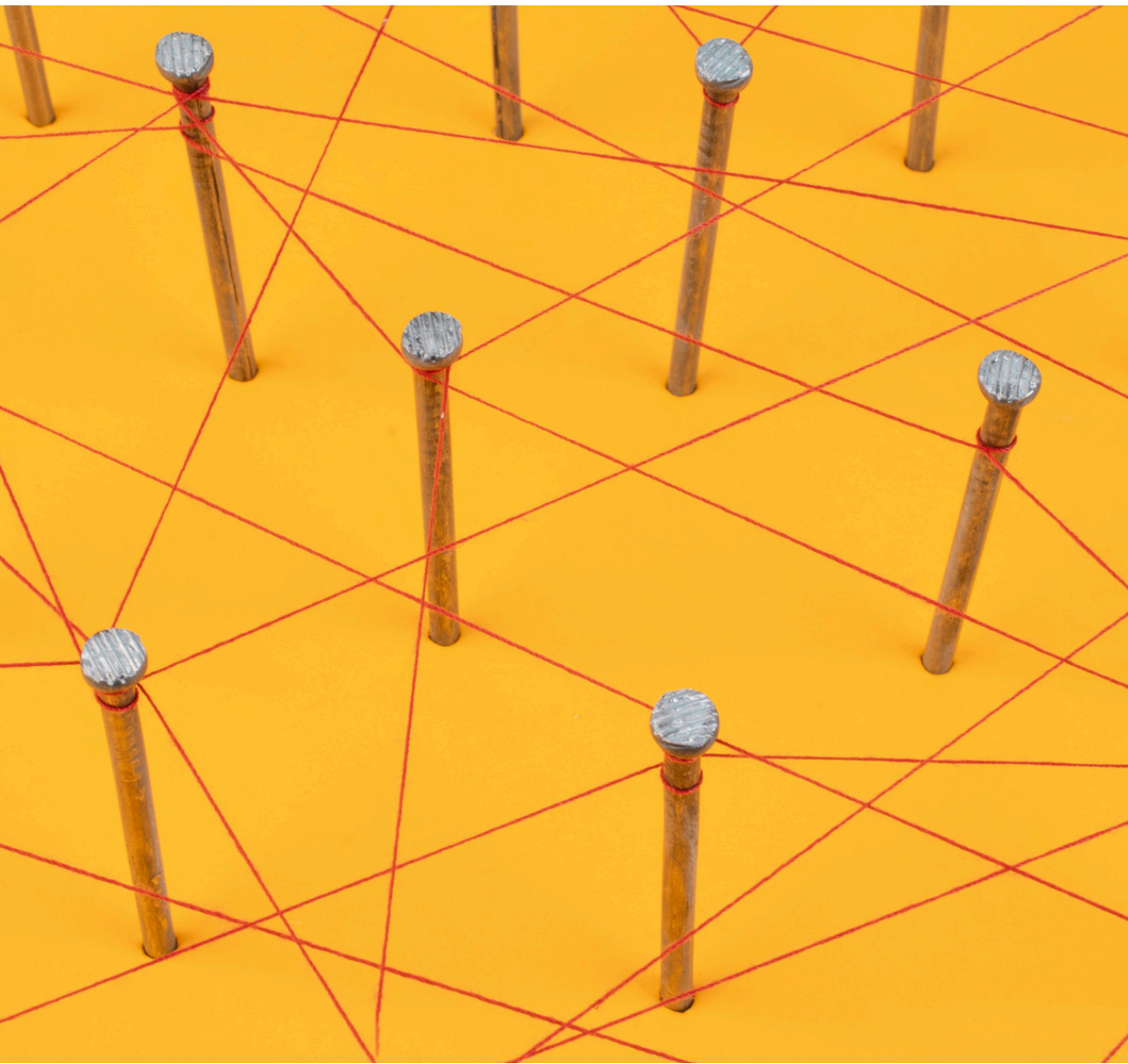


TABLE OF CONTENTS

About Us	03
Product Overview	04
Product Features	05
Product Selection	07
Contact	10



ABOUT US

Our company stands out as an industry leader and innovator in the realm of fiber optic equipment construction and installation. We pride ourselves on our comprehensive expertise and commitment to excellence, which has enabled us to consistently deliver high-quality solutions tailored to meet the evolving needs of our clients. Our team comprises highly skilled professionals who are dedicated to leveraging cutting-edge technology and innovative approaches to ensure the most efficient and reliable fiber optic infrastructure possible.



At Abadis Dynamic Technology company, we specialize in the manufacturing of high-quality micro ducts and comprehensive micro duct production lines. Our expertise extends to providing complete production line solutions internationally, including all essential infrastructure such as cooling towers, compressors, and more.

We are also leaders in constructing Optical Distribution Cabinets (ODC) and micro duct joints, and we offer innovative micro trencher modules equipped with clean, fast, and durable trenching blades for efficient installation.

Our portfolio includes the manufacturing of advanced blowing machines, along with all necessary supporting devices such as compressors, air dryers, lubricants, and more. With our commitment to quality and innovation, we ensure that our products meet the highest industry standards and deliver exceptional performance in all applications.

Explore our range of products and discover how we can support your optical fiber installation needs with reliable and efficient solutions.

PRODUCT OVERVIEW

Blowing Machine Catalog

Welcome to our Blowing Machine Catalog. Our blowing machines are designed to deliver exceptional performance and reliability in the installation of optical fiber cables. Key features include:

- **Anti-Skid Technology:** Our blowing machines are equipped with advanced anti-skid technology, ensuring smooth and consistent installation of optical fiber cables without slippage, even in challenging conditions.
- **Optical Fiber Cable Protection:** Designed with specialized protection mechanisms, our machines safeguard optical fiber cables from damage during the installation process, maintaining the integrity and performance of the cables.
- **High-Speed Cable Shooting:** With enhanced protections and precise cable control during the shooting process, our machines achieve increased cable shooting speeds. This reduces costs and minimizes disruption to daily life for occupants.

Explore our range of blowing machines and discover how our advanced features can enhance the efficiency and reliability of your optical fiber installations.



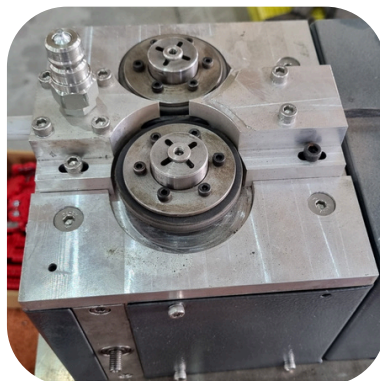
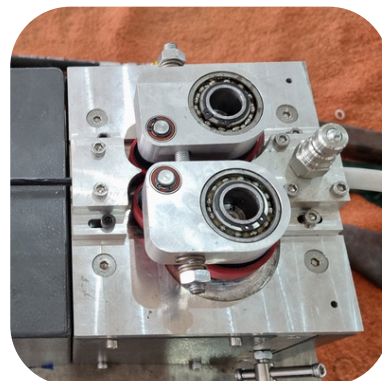
Abadis Blowing Machine Features

- **Supported Cable Diameter for Shooting:** 0.5 to 7.5 mm
- **Outer Duct Diameter:** 4 to 16 mm (four V-groups manufactured and delivered based on order)
- **Shooting Speed:** 1 meter per minute to 120 meters per minute
- **Air Pressure Support:** 5 to 40 bar
- **Shooting Torque Control:** 100 to 1000 Newton Meters
- **Intelligent Shooting Force Control:** Prevents optical fiber cable breakage during shooting and provides variable and intelligent speed control while maintaining maximum torque limits on the cable.
- **Intelligent Slippage Control:** Adjusts minimum surface pressure on the cable and stops shooting upon encountering an obstruction, even at speeds of 120 meters per minute, with a reaction time of 25 milliseconds.
- **Intelligent Control of Distance, Maximum Speed, and Maximum Force:** Electronically maintains maximum shooting speed while monitoring these parameters.
- **Microduct Obstruction Detection System:** Automatically attempts to bypass connectors or point obstructions through back-and-forth movements.



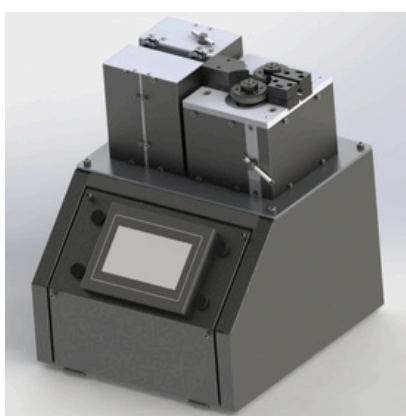
Abadis Blowing Machine Features

- **Adjustable Speed Ramping:** Prevents excessive tension on the optical cable by separately controlling forward and backward speed increases and decreases.
- **Cable Cleaner Filter:** Cleans the cable as it enters the shooting chamber.
- **Accurate Distance Calculation:** Two sensors calculate distance simultaneously, eliminating slippage errors.
- **Adjustable Slippage Control Ratios:** Allows fine-tuning of control system ratios.
- **Three-Layer Access Levels and Reporting:** Offers various access levels and reporting capabilities.
- **Error List Access and Control:** Provides a comprehensive error list for easy access and control.
- **Parameter Adjustment During Shooting:** Allows all control parameters to be modified during shooting operations.
- **Quick Pulley Replacement:** Slide and quick-change pulley without the need to remove any screws.
- **Adjustable V-Group Rail:** V-group rail can be adjusted via a rail system.
- **Digital and Touch Display:** All parameters can be set through a digital and touch screen display.
- **Real-Time Display:** Shows real-time speed, mechanical pressure on the cable, and slippage during shooting.
- **Manual Parameter Activation/Deactivation:** All control parameters can be manually activated or deactivated even during shooting.
- **No Stand or Table Required for Shooting Setup:** The machine can be operated without needing a stand or table.
- **Easy Pulley Replacement:** Light pulleys can be easily and quickly replaced in order to install the most compatible series of pulley for your cable type.

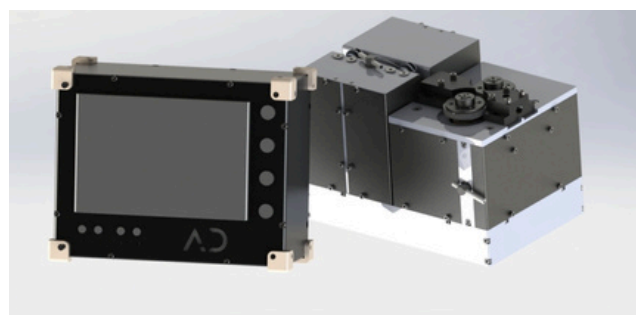


Product Selection

	Separate mechanical and electrical box	servo motor power	touch screen size	Anti-skid system	over torque control	torque jump control	Smart speed control according to condition	Baggage
OCBM - V1	✗	400 w	7"	✗	✓	✓	✓	✗
OCBM - V2	✓	400 w	7"	✗	✓	✓	✓	✓
OCBM - V3	✓	400 w	10"	✓	✓	✓	✓	✓
OCBM - V4	✓	750 w	10"	✓	✓	✓	✓	✓



United mechanical and electrical box



Separate mechanical and electrical box

GRIPMAX MODULE OVERVIEW

The GripMax Module is an innovative solution designed to increase surface contact, providing superior grip and efficiency compared to traditional pulleys. Engineered for durability and high performance, the MaxGrip Pulley ensures optimal transmission of power and reliability in your optical fiber installation systems, specially when fiber optic cable poorly produced and has high outer diameter tolerance.

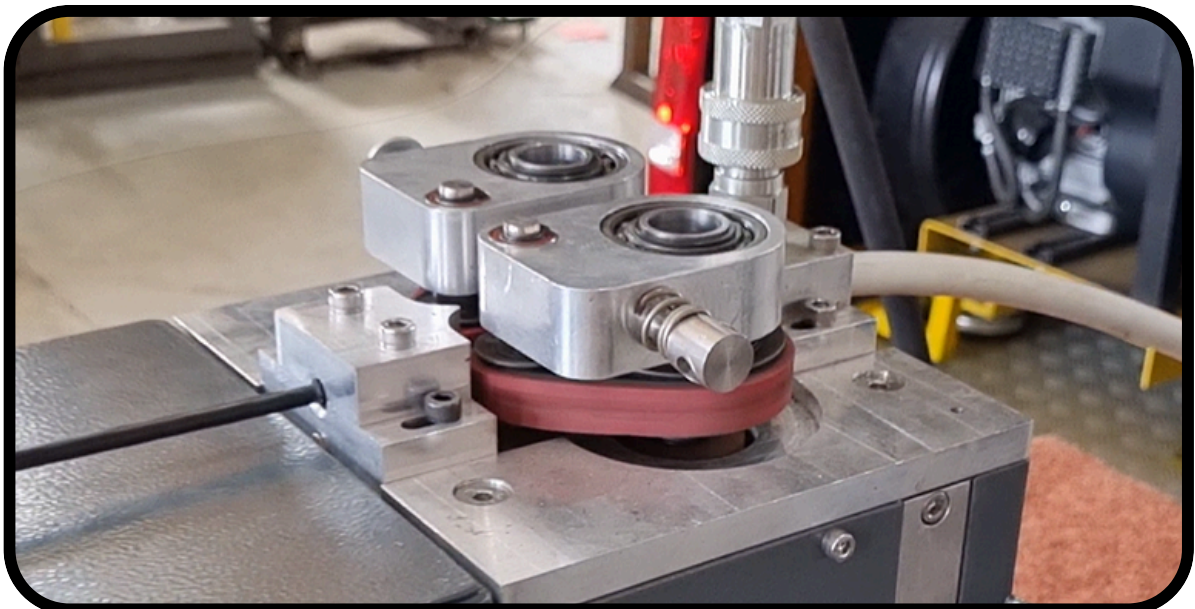
GripMax Key Features:

Enhanced Surface Contact

Versatile Compatibility

Durability and Reliability

Increased Efficiency



Note: GripMax Module can be ordered separately

Infrastructure Supply

- We can also provide any necessary equipment in order to initiate function, such as High pressure petrol engine compressor and its related equipment, electric supply inverter, air dryer, lubricant and anything you need to shoot optical fiber cable in microducts.
- With possibility to Installation equipment in car, according to customer demand.



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