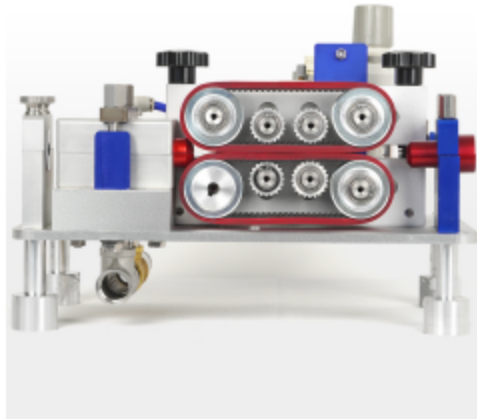




TFN T500W Micro Cable Blowing Machine

Powerful power, efficient deployment, professional air blowing solution for complex projects



Product Overview

The TFN T500W microcable blowing machine is a high-performance air-blowing device designed specifically for medium-to-large fiber optic installation projects. Combining a powerful 500N thrust with a blowing speed of up to 120m/min , it easily handles the complex installation challenges of microcables with an outer diameter of 3-10mm in 8-20mm diameter pipes. Whether in demanding scenarios such as 5G network construction, high-speed railway informatization, or national defense communications, the T500W is the perfect choice for improving efficiency and ensuring project completion time.

Core Functions of the Product (solving customer pain points) :

- Strong power, no fear of challenges

Pain point solution : Traditional equipment lacks thrust in long distances, large pipe diameters or complex paths, leading to construction stagnation.

Our solution provides a powerful thrust of up to 500N , ensuring that the optical cable is blown to the bottom in long-distance pipelines, effectively shortening the construction period.

- Efficient construction, cost saving

Pain point solution : Manual cable threading or inefficient equipment leads to long project cycles and high labor costs.

Our solution : The cable blowing speed is as high as 120 meters/minute , and the one-time blowing distance is long, which greatly improves the construction efficiency and directly reduces the overall cost.

- Excellent environmental adaptability

Pain point solution : The harsh climate and the narrow and humid space inside the pipeline manhole cause the equipment to not work properly.

Our solution : The equipment is compact and lightweight (the main unit weighs 14kg), has excellent environmental adaptability, is not restricted by external climate and conditions inside the pipeline manhole, and can be started anytime and anywhere.



- **Wide compatibility**

Pain point solution : Different projects require optical cables of different specifications, and poor equipment compatibility requires frequent tool replacement.

Our solution : Perfectly supports all types of micro cables with an outer diameter of 3-10mm (including unarmored or bundled tube types), suitable for pipes of 8-20mm , and can be used for multiple purposes in one device.

- **Reliable and durable, easy to maintain**

Pain point solution : High equipment failure rate and complex maintenance affect project progress.

Our solutions use precision components and robust machine assemblies, offering reliable quality, simple operation, and easy maintenance to ensure smooth project execution.

Technical Parameters:

Project	Parameter
Machine model	T500W
Work pressure	13 bar
Adapt to the outer diameter of optical cable	3-10 mm
Adaptable pipe diameter	8-20 mm
Maximum thrust	0-500 N
Cable blowing speed	0-120 m/min
Host weight	14 kg
Host size (length, width and height)	400*300*300 mm
Packing box volume (length, width and height)	600*400*440 mm
Packing box weight	35 kg

Application Scenarios :

1. Communications Internet Operations and 5G Network Construction
2. Expressway Monitoring System and Informationized Railway
3. Petroleum and petrochemical pipeline communications, national defense communications
4. Water conservancy system communications, large buildings and residential fiber-to-the-home (FTTH)
5. Optical cable deployment in complex environments such as shopping malls and data centers

**Why choose TFN T500W?**

Efficiency first : high-speed cable blowing significantly shortens project cycles.

Powerful power : 500N thrust, conquering harsh construction environments.

All-weather operation : strong environmental adaptability, no delay in construction schedule.

Worry-free and durable : precision manufacturing, high reliability and simple maintenance.

Comprehensive support : TFN provides on-site technical training and permanent technical support to help you solve cable blowing problem.

Standard Configuration List :

1. Host
2. High-pressure gas pipe (7 meters)
3. Conveyor belts (4)
4. Fesser (1 pair each of M8 and M10)
5. Optical cable guide bushing (Φ3-10mm)
6. Hexagon wrench (1 set)
7. Cable blowing lubricant 10kg (if support shipment)
8. Instructions and electronic documents
9. ...and more accessories (see the shipping list)

