

Article Overview

Fiber optic cable traction machines typically range from \$1,500 to \$10,000 depending on capacity, features, and power source.

Overview of Fiber Optic Cable Traction Machines

Fiber optic cable traction machines, also called cable pullers or cable tractors, are designed to safely and efficiently install fiber optic cables without damaging the delicate glass fibers . They are widely used in underground ducts, aerial pathways, and building riser shafts, and are essential for telecom, power, and network infrastructure projects . Key components include a traction device, power source (electric or gasoline), and control system for speed, tension, and direction . Advanced models feature digital tension readouts, adjustable force settings, and safety alarms .

Factors Affecting Price

- o Traction Force and Capacity: Machines with higher pulling force (e.g., 2 kN or more) and the ability to handle larger cable diameters (5-45 mm) are more expensive .
- o Power Source: Gasoline-powered units are generally more expensive than electric models due to mobility and engine complexity .
- o Automation and Features: Machines with automatic tension control, speed display, and over-temperature alarms cost more .
- o Brand and Certification: CE-certified or OEM/ODM-supported machines from reputable manufacturers may carry a premium .
- o Shipping and Lead Time: International shipping, customs, and delivery times (15-45 days for standard or customized units) can add to the total cost .

Typical Price Range

- o Entry-level models: \$1,500-\$3,000, suitable for small-scale or occasional use.
- o Mid-range models: \$3,000-\$6,000, offering higher traction force, better control, and durability.
- o High-end or industrial models: \$6,000-\$10,000+, featuring advanced automation, large capacity, and robust construction for heavy-duty projects .

Recommendations

- o Assess your cable diameter and pulling distance to select the appropriate traction force.
- o Consider power source and portability based on site conditions.
- o Check for safety features like tension monitoring and automatic shutdown to protect fiber integrity.



Price of Fiber Optic Cable Traction Machine

o Request quotes from multiple suppliers (Alibaba, Made-in-China, Clusterasia) to compare prices, shipping, and after-sales support .

By evaluating these factors, you can select a fiber optic cable traction machine that balances cost, performance, and reliability for your project.

the fiber optic cable traction machine adopts a built-in conveying device to ensure safety during construction. The machine's

Crawler Type Cable Tractors Fiber Optic Cable Duct Rod Pusher Cable Pulling Traction Machine Municipal enterprises,

Fiber Optic Cable Traction Machine Cable Pulling Machine Fiber Optic Conveyor machinefa2021 (153) 97.7% positive

Applicable cables low 288 cores/7*2.6/4* 35m2 below (optical cable/steel strand/cable) Certification Traction speed

Fiber optic cable laying machine by Cable Tractor offers efficient cable pulling and duct rodder solutions.

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Price of Fiber Optic Cable Traction Machine

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