

Article Overview

Fiber optic cable traction machines are specialized devices designed for efficient, safe, and controlled installation of fiber optic cables, capable of handling various cable diameters and lengths with adjustable traction and speed.

Key Specifications

- o Traction Force: Typically greater than 3 kN, suitable for pulling fiber optic cables without damage .
- o Traction Speed: Adjustable, generally 30-70 meters per minute, with advancement speed around 30-50 meters per minute .
- o Cable Diameter Range: Can handle cables from 5 mm to 45 mm .
- o Cable Length Capability: Can propel cables up to 500 meters in a single operation .
- o Power Source: Options include gasoline engines, DC motors, or variable-frequency motors, with total equipment power around 3.7 kW .
- o Machine Size and Weight: Typical dimensions are 800 mm x 600 mm x 800 mm, weighing approximately 56 kg .

Design and Operational Features

- o Humanized Design: Machines are portable and can be operated by a single person, ensuring ease of transport and setup .
- o Transmission System: Built-in transmission devices with tracks or belts provide even force distribution, preventing cable damage .
- o Control Mechanisms: Equipped with gear position, throttle, forward/reverse control, speed display, and metering functions for precise operation .
- o Traction Device: Composed of upper and lower tractors, allowing cable to be pushed or pulled from multiple directions .
- o Safety Features: Adjustable pre-tension, cable guide limiters, automatic rebound functions, and over-temperature alarms protect both the cable and operator .
- o Construction Adaptability: Suitable for buried pipelines, overhead installations, and cable recovery operations .

Additional Features

- o Pneumatic Belt Traction Option: Some models use pneumatic clamping for smooth, damage-free cable pulling, ideal for high-capacity outdoor cable sheathing lines .
- o Variable Speed Control: Infinitely variable speed with start/stop push-pull operation allows precise control during installation .



Fiber optic cable traction machine cable

o Durability: Reinforced chassis frames and high-quality engines and bearings ensure long-term reliability and stability . Fiber optic cable traction machines are essential tools for modern telecommunications and fiber optic network construction, providing efficient, safe, and precise cable installation while minimizing labor and reducing the risk of cable damage.

Shop high-quality cable traction machines for reliable performance in various applications. Find durable, efficient, and cost-effective

Type: Fiber Cable Traction Machine Wiring Devices: Cable Pulling Machine Condition: New Product Name:

Fiber Optic Puller used for the construction of fiber optic cable pipelines. It can adapt to the propulsion and recovery of 5-45 optical

The machine"s transmission force is conveyed by tracks/belts with adjustable pre tension, ensuring even force distribution and no

Fiber optic cable tractors is a electric machine for laying power cable (or communication cable). It can be used with cable tractor,

Model: Optical Fiber Cable Towing Machine.

Humanized design of machine appearance, easy to move and transport. One person can operate the machine, which is equivalent to

Optical Cable Traction Equipment, often called a fiber optic cable puller or cable winch, is a specialized machine engineered to

The Fiber Optic Puller sets a new standard for safe and precise pulling of fiber optic cable.

High-Traction Power: This Optical Fiber Cable Pulling Traction Machine boasts a traction force of over 8000N, ensuring effortless

With technology as the primary productivity, Clusterasia Corp offers an efficient, time-saving and labor

Home Products Fiber Optic Tools And Equipment Fiber Optic Cable Pulling Machine, 300KG Crawler

Fibre optic cable traction machine by QK-SC-4 offers high efficiency, reliable performance, and versatile applications. Perfect for



Fiber optic cable traction machine cable

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

High-Traction Capability: This cable tractor boasts an impressive traction force of over 8000N, making it suitable for various heavy

equipment. The main products include: wire coil forming machine, optical fiber cable cutting machine, cantilever take-up machine,

Web: <https://kalutha.co.za>

