

CABLE TRACTION MACHINE



Cable Traction Machine

Municipalities, telecommunications and other enterprises often have to carry out buried pipeline construction and wiring. In the traditional optical cable and cable construction process, it is difficult and the construction period is tight. Inevitably, a large amount of manpower is required, and the construction period is long.

With technology as the primary productivity, Clusterasia Corp offers an efficient, time-saving and labor-saving cable tractor that solves a major problem in cable construction.

The cable tractor is suitable for the construction of cable buried pipelines. During the construction process, the machine always keeps the cable smoothly.

With the help of Cable traction machine, the cable is not stacked, the pressure and tension of the cable are less than the safety parameters and the cable will not be damaged

Technical Parameters

Traction	>300 KG
Traction Speed	0-1.5 m / s
Max opening size of the delivery port	5mm-45mm
Opening Angle	0-90 °
Applicable Angle	4-288 core / 7 * 2.6 / 4 * 35m2 or less (optical cable / steel hinge / cable)
Belt Size	circumference 1000mm * width 60mm * thickness 12mm
Power	5KW
Size	80 * 60 * 80cm / length * width * high
Weight	120KG
Gear	slow pull, neutral, fast pull, reverse

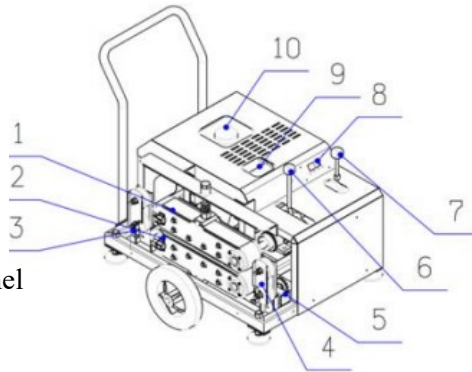
Working principle

The machine is mainly composed of three parts: traction device, power device and control device. The traction device is composed of upper and lower tractors, and the cable can be pushed in from the front and the rear or from the side; the power device uses a gasoline engine as a power source, and the traction device is driven by the transmission mechanism to realize the traction of the cable; the control device includes the gear position Variable speed and forward and backward control, throttle control, metering and speed control.

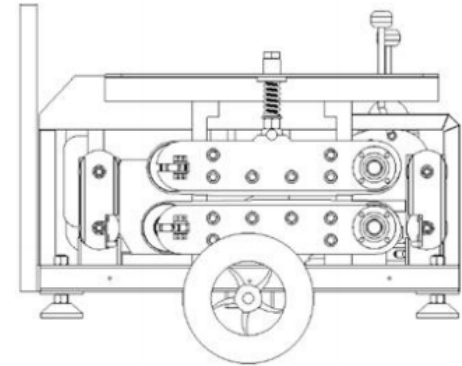


Structure

1. Upper traction module
2. Lower traction module
3. Rear guide
4. Front guide
5. Chain tensioner
6. Shift gear handle
7. Throttle controller
8. Display and operation panel
9. Engine exhaust
10. Engine tank por



Product Principle



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Product Advantages

1. Gear control, throttle control and display on the same console for user convenience.
2. The detachable push wheel and the four-corner rubber foot pad are used for convenient short-distance movement. It also ensures the smoothness of the machine when it is running.
3. Cable guide limiter is equipped with upper and lower guide wheels, which can meet the pipe threading and Overhead matching; and the limiter has an automatic rebound function, which can complete the incoming line and limit in one step.
4. The gear tensioner module has been upgraded, and the adjustment chain is more convenient and smoother.
5. Use brand engines and bearings to ensure long-term reliability.
6. The reinforced chassis frame is made of thick steel plate, which is more stable and stable.
7. Added meter function, speed display function and equipment over temperature alarm function.

Traction maintenance content

- √ Check fastener bolts, no looseness is allowed
- √ Check the gear and chain grease for lack of oil
- √ Check the belt and drive chain for looseness
- √ Check the heat sink to remove dirt between the heat sink
- √ Check if the wiring of the controller and the meter is loose or dropped
- √ Check if the machine and the inside are involved in foreign objects, and clean them in time.

Regular maintenance of the engine, detailed maintenance time is shown in the following table:

Engine maintenance schedule

Before servicing the engine, turn off the engine, disconnect all loads and batteries (if equipped), and allow the engine to cool completely. Follow the maintenance intervals specified in the table below. Increase the maintenance frequency when the engine is running under harsh conditions. If you need help with engine maintenance, please contact your local dealer.



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