



### **TJ07RP45A Rod and Cable Pusher**

#### **Description**

The Rods and Cable Pusher is mainly composed of three parts: engine, gearbox and transmission device. The jaws of the transmission device are opened and closed up and down to make way for the cables to be effectively retracted and released freely. The traction machine uses the electric motor as the power source. The main shaft gear chain is driven by the gearbox. The chain engages the transmission device and drives the transmission belt to achieve linear motion. The machine is also equipped with a support rod to support the reaction force of the cable during machine operation and maintain the transmission line. The machine does not move while the cable is being cabled.

#### **Features**

1. It is suitable for the operation of pipe threading and winding of various specifications of pipe wearers, and the maximum distance can reach about 300-500 meters.
2. Suitable for all kinds of overhead and underground fiber optic cable pulling work, 12-288 cores are acceptable, of which the maximum length can reach about 1000 meters below 144 cores, as well as for Rods.
3. It is suitable for the construction of wiring and laying of street light poles, and laying of cables with a diameter of less than 20mm.
4. The maximum pulling force of the machine can be equivalent to 4-5 people.
5. When the machine exceeds the maximum pulling force, it will automatically stop working to ensure that the optical cable is not damaged.

### **Technical parameters**

Traction force: >300KG

Towing speed: 1m-1.6m/s

Maximum opening size of the delivery port: 5mm-45mm

Applicable optical cable: 288 cores/7\*2.6/4\*35m<sup>2</sup> or less (optical cable/stranded wire/cable)

Belt size: circumference 1000m\*width 60mm

Engine gasoline tank: 4L (90/92 gasoline)

Total power of equipment: 4.3KW

Machine size: 80\*60\*80cm

Wire bracket size: outer diameter 110cm \* inner diameter 85cm (detachable)

Machine weight: 90KG

Gear position: push, fast pull, neutral, slow pull

### **Start-up considerations**

Pull start steps: 1. Turn on the electric door switch 2. Turn on the oil circuit switch 3. Pull the start pull plate

Electric start steps: 1. Turn on the oil circuit switch 2. Twist the switch key 3. Open the air door

Precautions for refueling the new machine:

1. Add about 600ml of oil each time
2. The oil should be drained after 20 hours of running-in for the first time with the new machine oil. After adding new oil, it can be changed every 2-3 months.

### **Safety rules**

- Before using this product, you must read the instructions carefully
- Do not touch the belt with your hands under any circumstances during the working process of the machine
- When the machine malfunctions, the machine must be shut down immediately, and the standby machine will work after the malfunction is eliminated.
- It is strictly forbidden for the machine to approach high temperature objects such as open flames
- It is strictly forbidden to expose the machine directly to humid environments such as rain
- This product should avoid collision as much as possible to avoid damage
- This product must use the specified engine oil and gasoline, and you will be responsible for any damages and accidents caused by the use of other non-designated chargers.
- When inspecting or repairing the product, the machine must be turned off first
- It is strictly forbidden for non-professionals to disassemble this product privately
- This product should be placed out of the reach of children to avoid injury
- The tractor should be stored in a dry, clean and non-corrosive gas environment when it is not applicable
- Failure to follow the relevant operating specifications and safety rules of this instruction to use the product and cause injuries and accidents at your own risk.

## User Menu

When the goods received, please get the parts out and assembled them on the machine like below images.

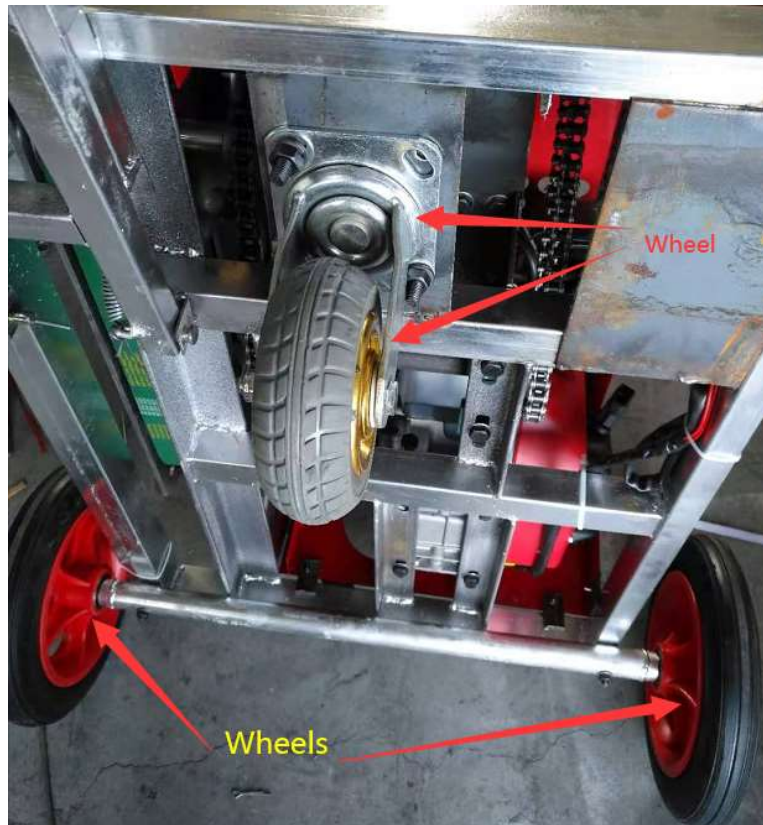
1. Handle on the top



2. Guide on side



3. Wheels on the bottom



4. Bracket on the bottom

