

Fiber Optic Rewinding Machine

ZKRZ-FRJ2.0



Main functional features

- High resolution encoder for tension control, with smooth speed curve control, to achieve constant complex winding tension.
- Closed-loop servo drive system is equipped with high-precision screw for fiber arrangement control, which makes the fiber arrangement more compact and even.
- Friendly human-machine interface, only a few parameters need to be set to realize one-key high-speed fiber rewinding and automatic shutdown.
- More than two speed gradual stop, avoid high-speed stop fiber fracture.
- High precision imported meter to realize the fiber winding length statistics, meter error less than 0.3%.
- Complete alarm stop and emergency stop functions effectively protect the safety of people and equipment, and effectively prevent fiber breakage.
- The fiber coplanarity of the rewinding process is good, which effectively reduces the fiber torque caused by fiber splitting;
- With removable spindle, adapt to the fiber separation requirements of fiber drums of different widths.

Specification

Technical Index	Value
Model	ZKRZ-FRJ2.0
Type of installation	Mesa installation
The power supply	Single AC220V 50HZ
Power consumption	≤1.5kW
Overall dimensions	1000*930*1800mm
Weight	≤200kg
The noise value	≤60dB
Row of fine trip	200mm
Row of fine precision	0.01mm
Fiber diameter	≤400um
Maximum speed	100m/min
Tension control	≤100g (±0.5g)
The meter accuracy	≤0.3%

Spare parts list

No.	Item name	Qty	Comment
1	Equipment instruction manual	1	
2	Fiber distribution disc fixture	1	
3	Warranty card	1	
4	Certificate	1	