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## 630mm-1000mm Cantilever type single twister



### 1.Application

It is suitable for various power wire, CAT 5 and ultra CAT 5 and 6 data cable, communication cable and other special high speed molding twist, meanwhile, the finished central wrapping.

### 2.Performance and features

This series of equipments consists of PLC procedure + frequency conversion speed-regulation control + pneumatic control. Cantilever cabling twist motion, bobbin capstan take-up motion and bobbin reciprocating traverse motion are dual controlled by mechanical linkage and pneumatic linkage, thus, the excellent synchronous performance of the unit from starting, normal operation, slow stop and emergency stop status, in addition, the stable twist pitch is also ensure with small errors at the same time. Such cabling series are unique in the design of production line, advanced in technology and it is the preferred product for the series production of cabling and taping.

### 3. Optional parts

- A. Double head (Multiple-set) active pay-off
- B. Multi-head passive tension pay-off
- C. Multi-head back twisting machine
- D. Multi-head active back twisting machine
- E. Side wrapping frame (vertical wrapping frame)
- F. **According to the take-up bobbin**, it's have  $\phi 630$ ,  $\phi 800$ ,  $\phi 1000$ mm four specifications.

Model	JO- $\phi 630$ mm	JO- $\phi 800$ mm	JO- $\phi 1000$ mm
Feed wire shaft size	$\phi 400$ - $\phi 500$ - $\phi 630$ mm	$\phi 400$ - $\phi 500$ - $\phi 630$ mm	$\phi 400$ - $\phi 500$ - $\phi 630$ mm
Take-up shaft size	Outer diameter $\phi 630$ $\times$ inner width $475$ $\times$ Outer width $415$ $\times$ Outer hole $\phi 56$ mm	Outer diameter $\phi 800$ $\times$ inner width $600$ $\times$ Outer width $500$ $\times$ Outer hole $\phi 80$ mm	Outer diameter $\phi 1000$ $\times$ inner width $750$ $\times$ Outer width $630$ $\times$ Outer hole $\phi 100$ mm
Suitable for wire diameter	$\phi 0.6$ mm- $\phi 3.0$ mm(Soft structure)	$\phi 1.0$ mm- $\phi 3.0$ mm(Soft structure)	$\phi 1.2$ mm- $\phi 5.0$ mm(Soft structure)
Max twisting outer diameter	$\phi 15$ mm	$\phi 20$ mm	$\phi 25$ mm
Lay length	20mm-200mm	30mm-300mm	30mm-350mm
Rotate speed	1000rpm	800rpm	600rpm
Take-up tension	Pneumatic tension freely adjusts		
Method of traverse	According to the wire bobbin self speed and moving step-less speed regulation		
Traverse pitch	2mm-12mm	3mm-20mm	3mm-30mm
Stranded wire direction	Direction S and Z freely selected		
Taping method	Center lapping or side lay straight packing		
Upper and lower wire bobbin	Hydraulic lifting		