



**Ningbo Carsing Technolgo Co.,Ltd.**

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Name	Φ500 High speed twisting machine	Price \$	Remark
			EXW Price 2020-7-28

Payment: TT 30% as deposit, the balance is before delivery

Production date: 40-60 days.

Price Valid Date: 30 days

**1) Suitable range**

Fully automatic double twisting machine, mainly used for stranding of multiple strands of copper wire, and changing the pitch to a pair of gears.

**2) Main Standard**

1. Vertical pay-off 66 sets (The maximum number of copper wire in your company is 64, and the other pay-off is ready to use.)
2. Maximum size of the reel (diameter × total length) (mm):  $\phi 500 \times 314$  (general 400 type reel)
3. The largest section of stranded copper wire: 1.5mm<sup>2</sup>;
4. Stranded copper wire diameter range (mm): 0.08 - 0.32
5. Pitch range (mm): 5.34 - 40.02
6. Stranding direction: "S" to or "Z"
7. Twist bow speed (r/min): 0 - 3000, stepless adjustable
8. Height of the spindle from the ground (mm): 710mm
9. Machine dimensions (length × width × height) (mm): 2560 × 1350 × 1400

10. Machine net weight (kg): 2000
11. Power: 380V, 50Hz
12. Machine installation location Altitude:  $\leq 1000\text{m}$
13. Machine installation location Ambient temperature:  $\leq 40^{\circ}\text{C}$
14. Incoming direction: the right end of the machine enters the line
15. Noise:  $\leq 85\text{db}$

### 3) Operating system and electrical configuration

1. Motor: 7.5HP (5.5KW) (Siemens motor) + 7.5HP (5.5KW) frequency conversion adjustment (Yaskawa inverter)
2. Take-up tension: manual mechanical friction tension
3. Meter: electronic meter, with the drive wheel driven by the line, the display shows that the meter automatically stops down
4. Rope up and down mechanism: manual - hydraulic
5. Electrical control device: imported switch button accessories
6. Cable arrangement: polished rod cable, adjustable width and row spacing
7. Brake: electromagnetic brake (with internal and external brakes)

### 4) Mechanical composition performance analysis and standard parts

1. Box structure: Material: Q235; The box body is formed by iron plate welding surface, after annealing, eliminating internal stress and then passing through precision boring machine, integrated boring
2. Spindle: 40Cr; the shaft is quenched and tempered HB250 to ensure the elimination of internal stress, improve the spindle strength, high-frequency treatment of the bearing mounting surface, improve the resistance to

tampering, etc.

3. Winning bow material: spring steel strip;
4. Wire piece on the skein: porcelain eye;
5. Main engine bearing: mainly used in Japan NSK

**5) Spare parts**

1. The pitch-changing wheel----- 1 each
2. Offline station -----1
3. Timing belt (360H) ----- 1
4. Horn -----4
5. Grease Gun -----1

