



Name: 500mm-7B Bearing Type Tubular Stranding Machine

500mm-7B Bearing Type Stranding Machine W/
[CCCS:Central Computer Control System]

1] Main specification:

- 1) Type: Tubular rotor bearing surrounding type
- 2) Application: Stranding of 7 wires for
 - (1) Copper wire: 1.3-4.5mm soft or hard wire
 - (2) Aluminum wire: 1.8-5.0mm EC grade or alloy wire
 - (3) Steel wire: 1.0-4.0mm
 - (4) Insulated wire: 2.0-5.0mm
- 3) Stranded cable dia: 15mm Max.
- 4) Stranding direction: S & Z
- 5) Stranding pitch: 10-300mm by Electronic shaft linking
60HP+30HP two motors synchronization control
- 6) 6B cage rotating speed: 1000Rpm Max.
- 7) Max. line speed: MPM
- 8) Cradle bobbin size: DIN-46397(or buyer's option)
500/Odx280/IDx127/BDx375/Awx315/TWx112/PR
- 9) Take up bobbin size: 1600mm
- 10) Driven motor:
 - (1) Main rotor: HP AC motor
 - (2) Capstan : HP AC + Vector Inverter.
 - (3) Take-up: HP AC + Inverter(Torque module).
- 11) CCCS: Central Computer Control System.
- 12) Operation panel: Touch screen type(Monitor)

2] Machine composition:

- 1) 500mm center wire pay off stand 1 set
- 2) 500mm 6B tubular stranding rotor..... 1 set
- 3) Compact die stand 1 set
- 4) Performing rollers unit..... 1 set
- 5) Post former rollers unit..... 1 set
- 6) Length counter 1 set
- 7) 800mm Dual wheel capstan 1 set



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|---|-------|
| 8) 1600mm cantilever type take-up | 1 set |
| 9) Lubricant circulation system..... | 1 set |
| 10) Safety cover of machine | 1 set |
| 11) Motors with control panel | 1 set |
| 12) CCCS operation panel | 1 set |

3] Standard spare parts:

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|-----------------------------------|-------|
| 1) High speed fuse | 3 pcs |
| 2) Carbon brush for DC motor..... | 1 pc |
| 3) Brake shoes spare | 6 pcs |
| 4) Sensor for auto counter | 1 pc |
| 5) Tool box..... | 1 set |

4] Detail specifications:

1) Center wire pay off stand

(1) Type: shaft less type

(2) Drum size: DIN-46397

500/Odx280/IDx127/BDx375/Awx315/TWx112/PR

(3) Loading/unloading of bobbin:

a) Positioning: bobbin slide on to the loading position

b) Lock/un-lock: bobbin supported by two spindles on both sides of cradle, a ratchet with hand lever to be provided

(4) Tension control:

A) Type: Mechanical compensation type

B) Wire tension: 5-50kg adjusted by spring coil

C) Tension device:

(a) Tension brake: Special band rope for long life operation will be used in this tension device

(b) Tension selection: A screw provided to adjust the spring coil pitch which a variety tension force can be obtain.

(c) Compensation of tension: A touch arm provided to touch the barrel of pay-off bobbin, the tension will be maintain constant during the barrel change from full bobbin into empty bobbin.