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Professional Grade 500A Double Twist Bunching machine with 2 Year Warranty!

Merits:

1. **500A Double Twist Bunching machine** can help you save 40% cost at the beginning, Products are widely used in IT communications, aerospace, military, medical, locomotives, automobiles, robots, ships, 5G cloud databases and other fields
2. **500A Double Twist Bunching machine** applied to the twisting of above 7pcs of bare copper wires, tinned wires, silver jacketed wires and enamelled wires and double twisting for core wires.



3. Can fit 380V to 440V, 50HZ to 60HZ, color can be customize

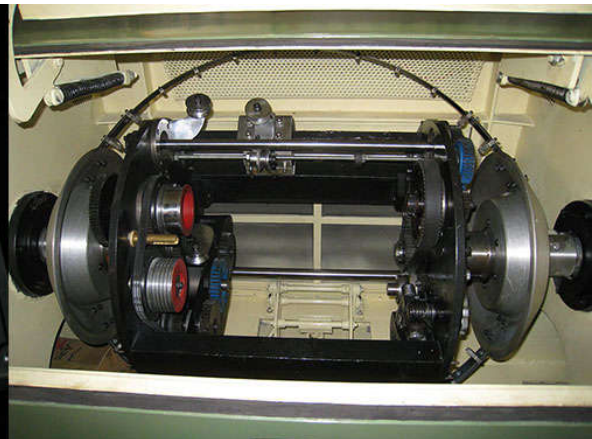
3 phase 4 wires, R, S, T, PEN

3 phase 5 wires, R, S, T, PE, N

4. Type:

500A Double Twist Bunching machine apply for single wire 0.08-0.45mm stranding, cross section 0.05-2.5mm², pitch range 5.82-53.72mm (please refer to page 4-7)

500A Double Twist Bunching machine apply for single wire 0.15-0.64mm stranding, cross section 0.5-6.0mm², pitch range 10-90mm (please refer to page 8-12)

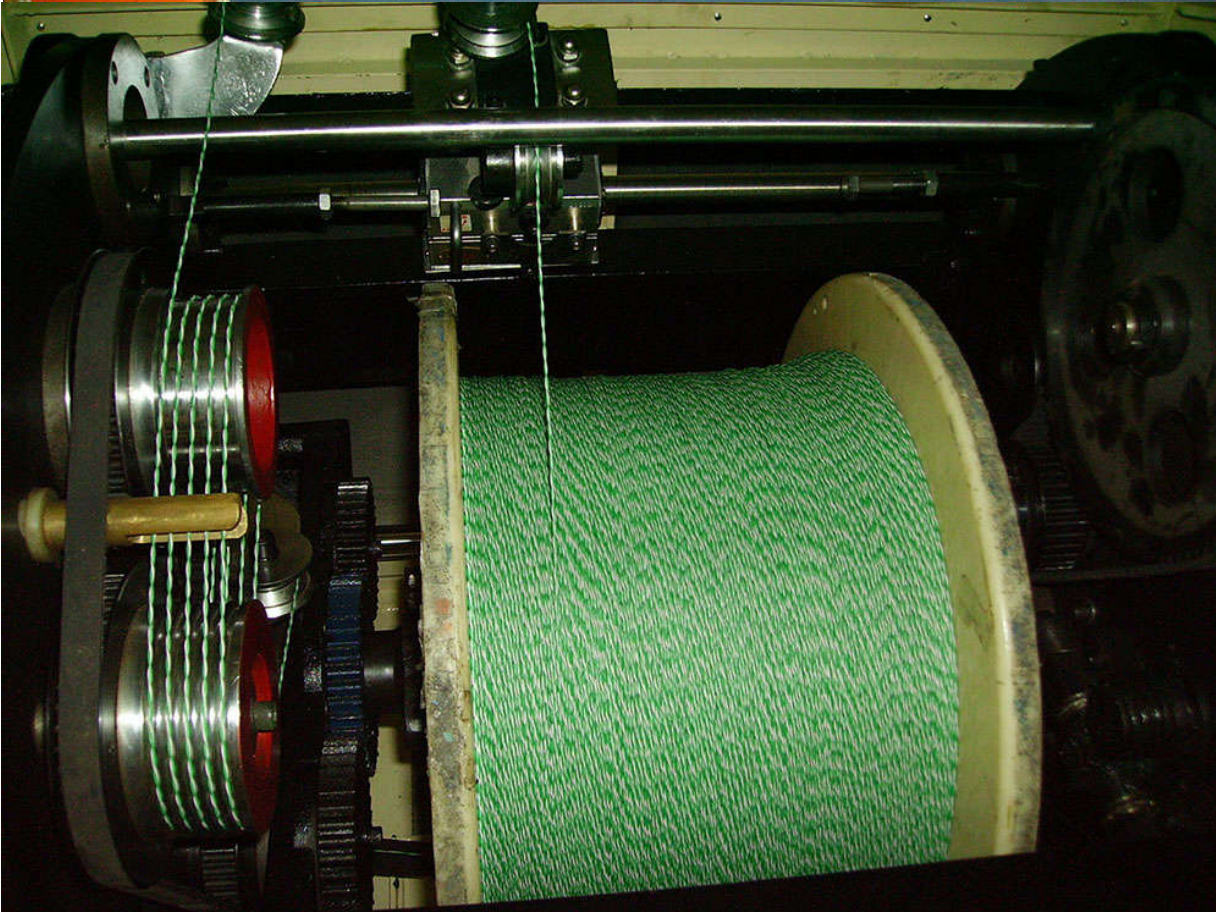


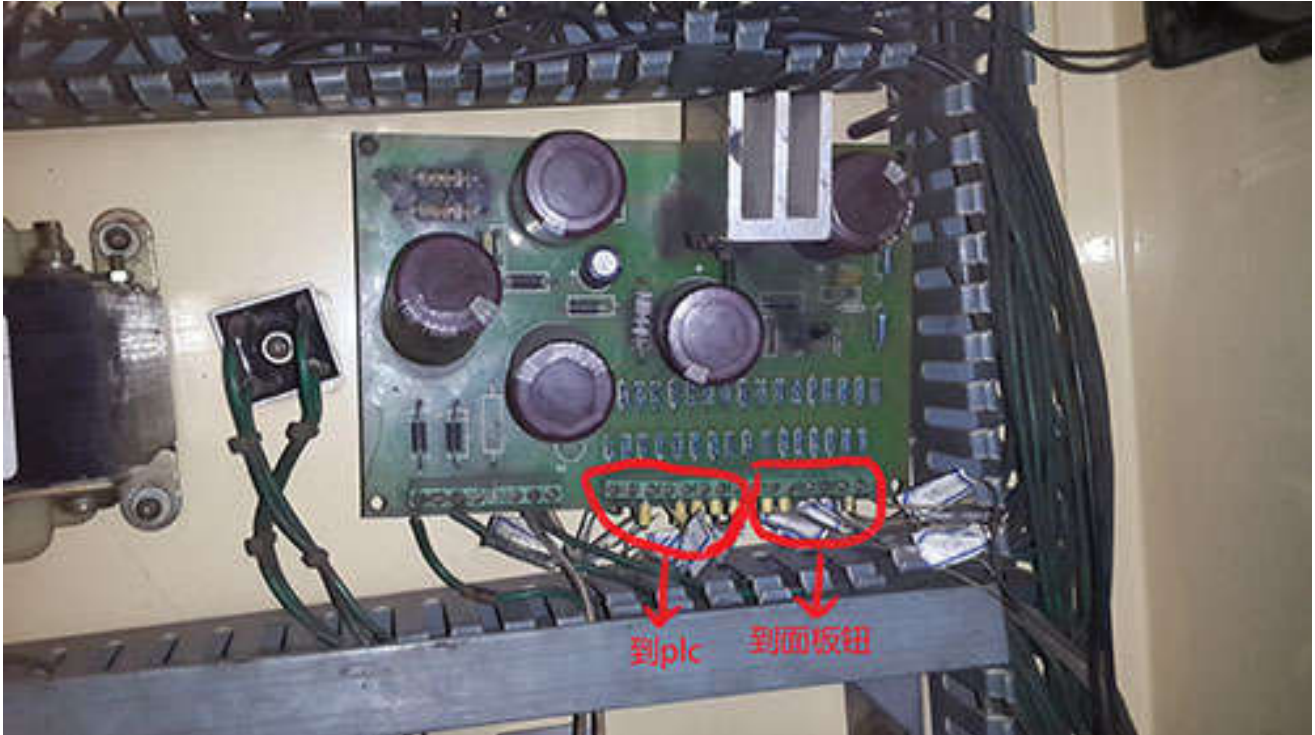


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5. **Pay terms:** T/T, L/C.

6. **Package:**

1) Simple water-proof package 2) Pallet package 3) Pallet with Vacuum package 4) Wooden box package





500A Double Twist Bunching Machine Specification

➤ Merits:

- 1.High speed and good stability.
- 2.Wiring system: Use The latest structure, stranded conductor from the spindle guide wheel directly to the flyer bow, The phenomenon of scratches and strand skipping caused by the failure of the corner guide wheel on the aluminum plate is subtracted.
- 3.Spindle lubrication: butter lubrication
- 4.Many security protection, the door limits is not in place, can not start or automatic braking.
- 5.Spindle and aluminum plate: after high-speed dynamic balance processing; noise less than 82 dB.
- 6.Flyer Bow use Japan imported High speed spring steel, finished with heat treatment.

➤ (Gear changing pitch) Main performance parameters

- 1.Mono-filament diameter range: $\phi 0.08 \sim \phi 0.45\text{mm}$
- 2.Twisted wire diameter range: $\phi 0.24 \sim \phi 2.04\text{mm}$
- 3.Stranded cross-sectional area: $0.05 \sim 2.5\text{mm}^2$ (flexible conductor)
- 4.Normal production speed : 2200RPM(4400TPM) (According to different stranded wire specifications, the speed is different);
- 5.Spool specifications: $\phi 500\text{mm} \times 375\text{mm} \times \phi 56\text{mm}$ (or customize)
- 6.Cable laying: $\phi 20\text{mm}$ polish rod bearing type traverse, traverse width and row spacing can be accurately adjusted
- 7.Stranding lay length: $5.82 \sim 53.73\text{mm}$
- 8.Main driver: 5.5KW AC Siemens motor + TECO inverter
- 9.Copper loading quantity : about 200Kg
- 10.Twisted direction:S / Z free operation
- 11.Brake:The electromagnetic brake automatic brake when wire cut off inside and outside, or when reach meters (by Taiwan Wrezun)
- 12.Tension control: Mechanical friction control taking up tension
- 13.Machine drive bearings: Japan NSK bearings
- 14.Synchronous belt: import from US GATES
- 15.Spool Loading: Use manual hydraulic lifting
- 16.Direction: from right to left, i.e, facing to the front door, pay-off on the right (can be customize)
- 17.Protection: Automatic braking when internal and external wire cut off; Automatic stop when reach meters
- 18.Safety protection: each doors which can be opened or The lifting platform is not in place, can not start or brake automatically
- 19.Meter counter: Taiwan signal type
- 20.Coating: RAL5015 light blue (or customize)
- 21.Noise index: almost 82dB
- 22.Machine size (mm): $2800\text{L} \times 1280\text{W} \times 1300\text{H}$

23.Weight: 2300 Kg

➤ **Detail specifications:**

Description	Model	Origin
1.Host Motor	5.5KW-4P,380V 50Hz	SIEMENS
2.Inverter	5.5KW	TECO
3.Electromagnetic Brake	12KG	TAIWAN
4.Bearings	1SET	JAPAN NSK
5.Timing Belt	1SET	US GATES
6.Cable Laying Device	GP20(Special bi-direction)	TIAN XIANG
7.Manual hydraulic pump	10T	TAIWAN
8.Fly Bow	1SET	Japan
9. Body	1SET	Self-processing
10. Spindle	2pcs	Self-processing
11. Aluminum Plate	2pcs	Self-processing
12. Timing Pulley	1SET	SHANGHAI
13. Bearing Housings	1SET	Self-processing
14. Disc	2pcs	Self-processing
15. Transmission Shaft	1pcs	Outsourcing
16.Capstan pulley	1SET	Self-processing
17.Wiring Pulley	6pcs	Self-processing

➤ **Spare parts sheet**

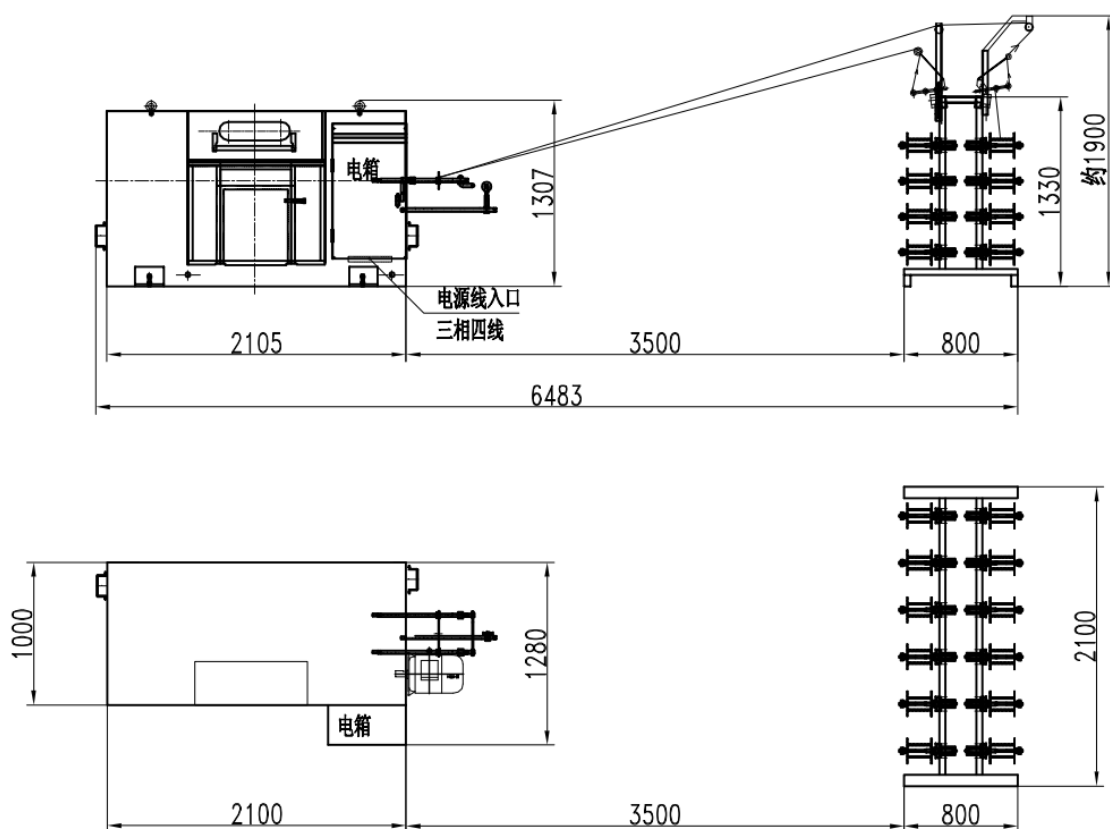
No.	Description	Model	Qty	Remark
1	Operating instructions		1SET	
2	Invertor Manual		1SET	
3	Diagram		1SET	
4	Wiring Pulley	(with Bearings)	1SET	
5	Spindle Pulley	(with Bearings)	1SET	
6	Flyer Bow Pulley	With bearings and shelf	6SET	
7	Ceramic ring		5pcs	
8	Split plate porcelain ring	Φ6.8mm	5pcs	
9	Stranding die	Owe to client		
10	Spool Top sleeve	According to customer's reel drawings	1SET	
11	Timing Belt		1PCS	
12	Tool	With hex wrench, open wrench and etc	1SET	



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500A高速绞线机

50头FC-180放线架

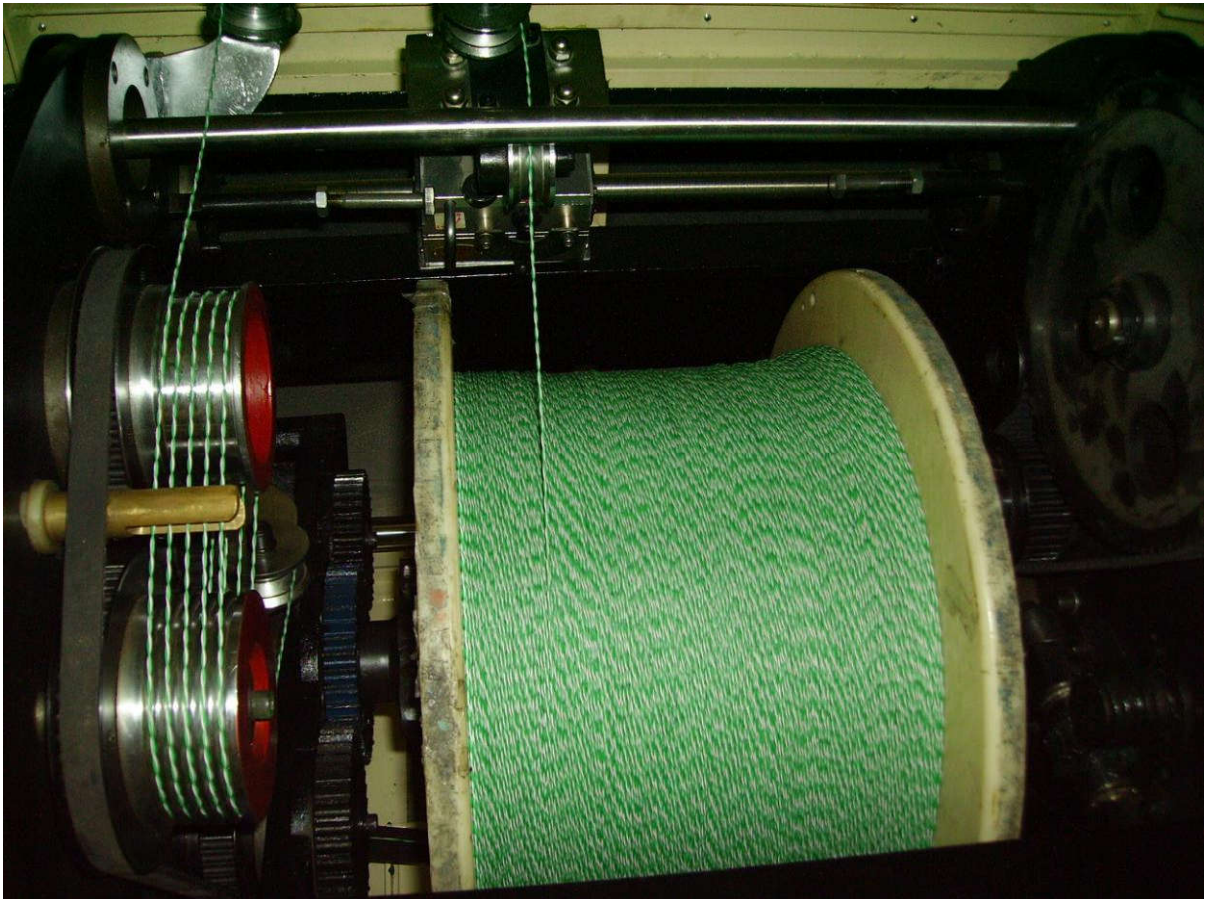
A 系列		B 系列		A 系列		B 系列	
替换齿轮	绞距	替换齿轮	绞距	替换齿轮	绞距	替换齿轮	绞距
21T	36.40			21T	53.73		
22T	34.75			22T	51.29		
24T	31.85			24T	47.02		
28T	27.30			28T	40.30		
30T	25.48			30T	37.61		
32T	23.89			32T	35.26		
34T	22.48			34T	33.19		
38T	20.12			38T	29.70		
40T	19.11			40T	28.21		
47T	16.26	47T	8.67	47T	24.01	47T	12.80
50T	15.29	50T	8.15	50T	22.57	50T	12.04
60T	12.74	60T	6.79	60T	18.81	60T	10.03
70T	10.92	70T	5.82	70T	16.12	70T	8.60



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500A Update Double Twist Bunching Machine specification

➤ Merits:

- 1.High speed and good stability.
- 2.Wiring system: Use The latest structure, stranded conductor from the spindle guide wheel directly to the flyer bow, The phenomenon of scratches and strand skipping caused by the failure of the corner guide wheel on the aluminum plate is subtracted.
- 3.Spindle lubrication: butter lubrication
- 4.Many security protection, the door limits is not in place, can not start or automatic braking.
- 5.Spindle and aluminum plate: after high-speed dynamic balance processing; noise less than 75 dB.
- 6.Flyer Bow use Japan imported High speed spring steel, finished with heat treatment.

➤ (Gear changing pitch) Main performance parameters

- 1.Mono-filament diameter range: $\phi 0.15 \sim \phi 0.64 \text{mm}$
- 2.Twisted wire diameter range: $\phi 0.75 \sim \phi 3.2 \text{mm}$
- 3.Stranded cross-sectional area: $0.5 \sim 6.0 \text{mm}^2$ (flexible conductor)
- 4.Flyer Bow max speed : 1800RPM(3600TPM) (According to different stranded wire specifications, the speed is different);
- 5.Spool specifications: $\phi 500 \text{mm} \times 375 \text{mm} \times \phi 125 \text{mm}$ (or customize)
- 6.Cable laying: $\phi 20 \text{mm}$ polish rod bearing type traverse, traverse width and row spacing can be accurately adjusted
- 7.Stranding lay length: 10~ 90mm
- 8.Main driver: 7.5KW AC Siemens motor + TECO inverter
- 9.Copper loading quantity : about 200Kg
- 10.Twisted direction:S / Z free operation
- 11.Brake:The electromagnetic brake automatic brake when wire cut off inside and outside, or when reach meters (by Taiwan Wrezun)
- 12.Tension control: Mechanical friction control taking up tension
- 13.Machine drive bearings: Japan NSK bearings
- 14.Synchronous belt: import from US GATES
- 15.Spool Loading: Use manual hydraulic lifting
- 16.Direction: from right to left, i.e, facing to the front door, pay-off on the right (can be customize)
- 17.Protection: Automatic braking when internal and external wire cut off; Automatic stop when reach meters
- 18.Safety protection: each doors which can be opened or The lifting platform is not in place, can not start or brake automatically
- 19.Meter counter: Taiwan signal type
- 20.Coating: RAL5015 light blue (or customize)
- 21.Noise index: almost 82dB
- 22.Machine size (mm): 2800L×1280W×1300

23.Weight: 2600 Kg

➤ **Detail specifications:**

Description	Model	Origin
1.Host Motor	7.5KW-4P,380V 50Hz	SIEMENS
2.Inverter	7.5KW	TECO
3.Electromagnetic Brake	24KG	TAIWAN
4.Bearings	1SET	JAPAN NSK
5.Timing Belt	1SET	US GATES
6.Cable Laying Device	GP20(Special bi-direction)	TIAN XIANG
7.Manual hydraulic pump	10T	TAIWAN
8.Fly Bow	1SET	Japan
9. Body	1SET	Self-processing
10. Spindle	2pcs	Self-processing
11. Aluminum Plate	2pcs	Self-processing
12. Timing Pulley	1SET	SHANGHAI
13. Bearing Housings	1SET	Self-processing
14. Disc	2pcs	Self-processing
15. Transmission Shaft	1pcs	Subcontracting
16.Capstan pulley	1SET	Self-processing
17.Wiring Pulley	6pcs	Self-processing

➤ **180 passive pay-offs specification:**

- 1.spool size: PND185-200 ABS spool (bore ϕ 20-36mm)
- 2.wire range: ϕ 0.15-0.64mm
- 3.No. of Heads: Heads/set
- 4.Brake:Automatic braking of belt when wire cut off
- 5.Tension control: spring tension control, constant tension, automatic brake with broken wire detection, automatic shutdown after linkage
- 6.Load: maximum 20Kg

➤ **Spare parts sheet**

No.	Description	Model	Qty	Remark
1	Operating instructions		1SET	
2	Invertor Manual		1SET	
3	Diagram		1SET	
4	Wiring Pulley	(With Bearings)	1SET	
5	Spindle Pulley	(With Bearings)	1SET	
6	Pulley on Bow	With bearings and shelf	6SET	
7	Ceramic ring		5pcs	
8	Split plate porcelain ring	ϕ 6.8mm	5pcs	

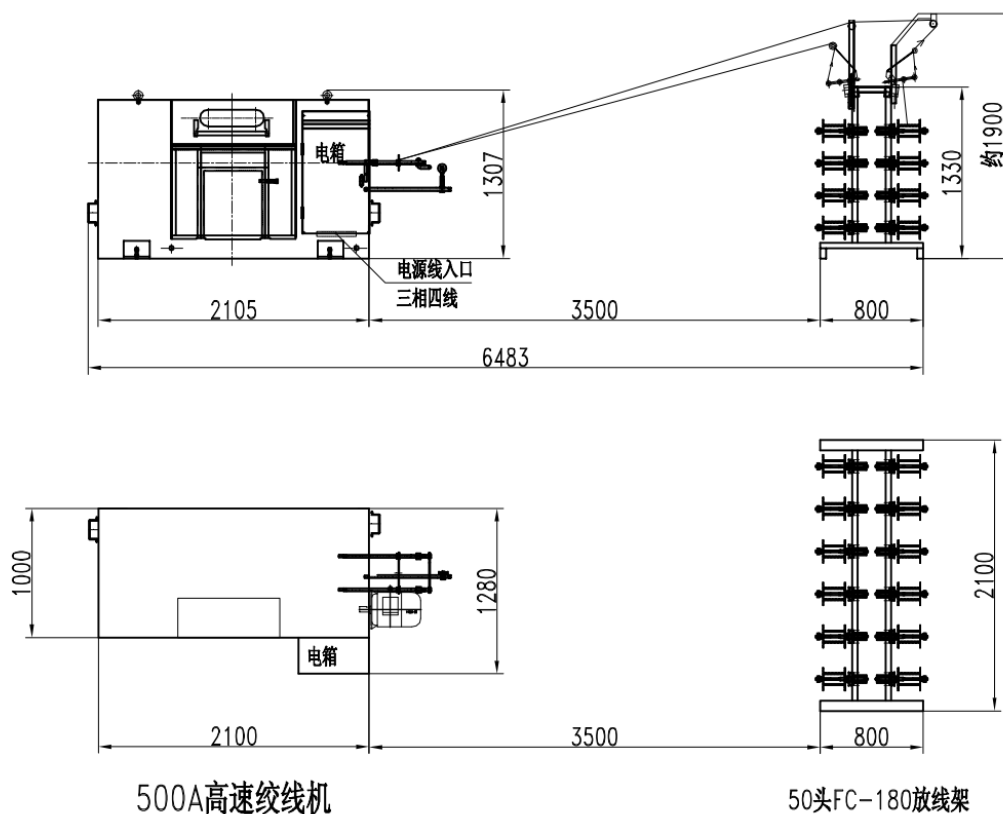


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9	Stranding die	Owe to client		
10	Spool Top sleeve	According to customer's reel drawings	1SET	
11	Timing Belt		1PCS	
12	Tool	With hex wrench, open wrench and etc	1SET	



A 系列		B 系列		A 系列		B 系列	
替换齿轮	绞距	替换齿轮	绞距	替换齿轮	绞距	替换齿轮	绞距
15T	52.24			15T	90.00		
16T	48.97			16T	84.29		
18T	43.53			18T	74.91		
20T	39.17			20T	67.42		
21T	37.31			21T	64.21		
22T	35.61			22T	61.29		
24T	32.65			24T	56.18		
25T	31.35			25T	53.93		
27T	29.03			27T	49.95		
31T	25.27	31T	15.16	31T	43.51	31T	26.09
33T	23.73	33T	14.25	33T	40.87	33T	24.51
40T	19.59	40T	11.75	40T	33.71	40T	20.22
47T	16.67	47T	10.00	47T	28.69	47T	17.21



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