

# Shanghai QiPang Industrial Co., LTD

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Shanghai QiPang Industrial Co., LTD. Since 2013, adhere to a high starting point ,high demand, high standards, the varieties of management policy, is committed to the wire straightener and feed research and production of adjusting cutter, adhering to the innovation, refinement ,service attentively ,cast brand, integrity would business philosophy, with the best quality, best service best management, make the enterprise continuously growing.

**Cooperation manufacturers:** TIANCHENG spring machine factory, HANDZHOU wire machine.



## Wire Straightener selection parameter list

### Wire Straightener series

- 1) Steel wire straightener series
- 2) Steel curtain straightener series
- 3) Tyre steel wire, rubber tube steel wire, cutting wire straightener series
- 4) steel wire rope straightener series
- 5) welding wire straightener series
- 6) Non-standard(special)straightener series

Straightening wheels are made from bearings, made of Alloy roller set, Carbamide wheel, According to product specifications and customer requirements to Configuration. You can do V groove, U groove.

No	Product Model	Wire diameter(m m)	roller number	Roller diamter (mm)	Note
1	JZQ0.1-0.3/24.A.V	0.1-0.3	24	7	
2	JZQ0.3-0.5/34.A.V	0.3-0.5	34	12	
3	JZQ0.5-0.8/26.A.V	0.5-0.8	26	16	
4	JZQ0.8-2.0/18.A.V	0.8-2.0	18	23	customize 5, 10, 14, 18, 22、26 rollers
5	JZQ 0.8-4.0/18.A.V	0.8-4.0	18	30	customize 5, 10, 14, 18, 22 rollers
6	JZQ4.0-7.0/14.A.V	4.0-7.0	14	42	customize 10,18,22,26 rollers
7	JZQ4.0-10.0/5.A.V	4.0-10.0	5	42	customize 7.10、14、18、22、26 rollers
8	JZQ 4.0-20.0/14.A.V	4.0-20.0	14	42/50/70	7.14.10.18.22 rollers

**Professional customization: According to customer requirements for professional customization**  
**Selects specific type: According to material hardness and material thickness**

## 1.JZQ0.1-0.3/24.A.V detailed parameters

JZQ---wire straightener

24----- The number of straightening rollers is 24

7----- The diameter of the straightening roller

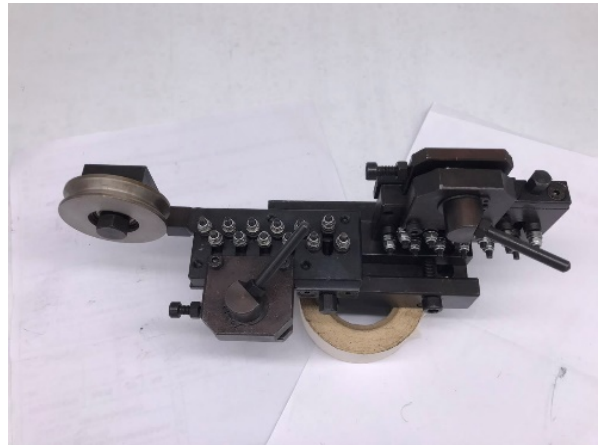
A----- A Type:The straightener is the integral open and close function .B Type:Single straightening wheel moves independently.

V-----The groove type of straightening roller; V,R,U,and customization

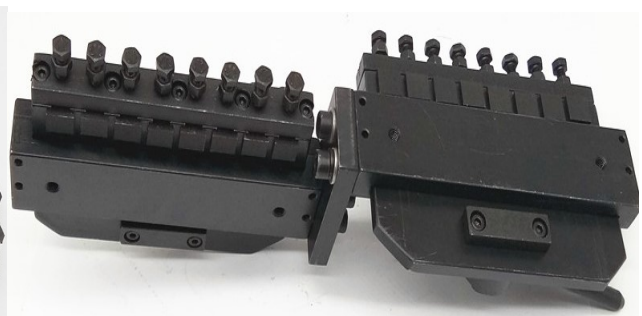
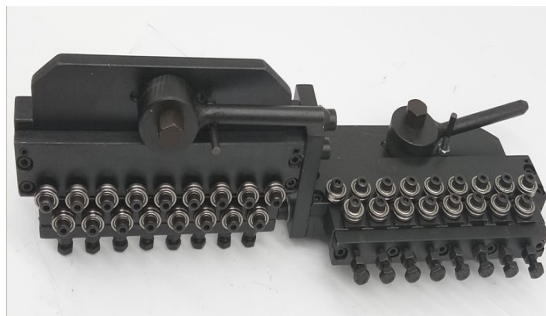
Straightening wire specification:  $\Phi 0.1\text{mm}$ ---- $\Phi 0.3\text{mm}$

Total weight of straightener: The machine is 2.7 kg, including package about 3 kg

Straightener size: length 220mm $\times$ width 120mm $\times$ height 120mm



## 2. JZQ0. 3-0. 5/34. A. V detailed parameters



JZQ--- wire straightener

34----- The number of straightening rollers is 34

12----- The diameter of the straightening roller

A----- A Type:The straightener is the integral open and close function .B Type:Single straightening wheel moves independently.

V----- The groove type of straightening roller; V,R,U,and customization

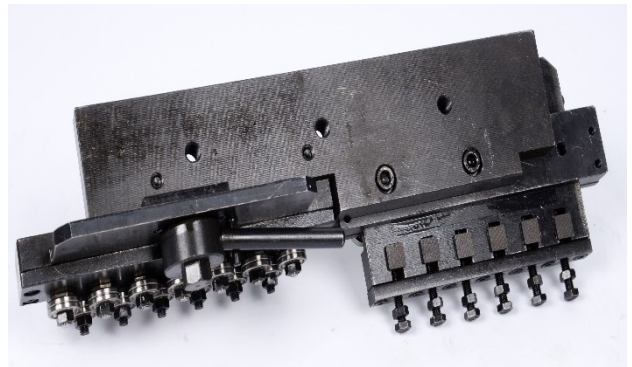
Straightening wire specification:  $\Phi 0.3\text{mm}$ ---- $\Phi 0.5\text{mm}$

Total weight of straightener: The machine is 3.6 kg, including package about 5 kg

Straightener size: length 310mm $\times$  width 110mm $\times$  height 110mm

Applicable to solid wire of 0.1-0.3mm

### 3. JZQ0.5-0.8/26. A. V detailed parameters



JZQ---wire straightener

Straightening wire specification:  $\Phi 0.5\text{mm}$ ---- $\Phi 0.8\text{mm}$

26----- The number of straightening rollers is 26

16----- The diameter of the straightening roller

V----- The groove type of straightening roller; V,R,U,and customization

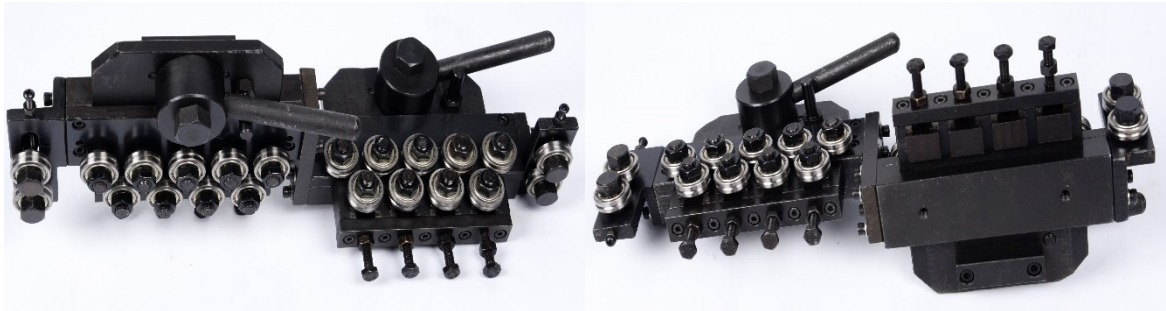
A----- A Type:The straightener is the integral open and close function .B Type:Single straightening wheel moves independently.

Straightener size: length 330mm $\times$  width 90mm $\times$  height 90mm

Total weight of straightener: The machine is 6 kg, including package about 7 kg

Applicable to solid wire of 0.5 -0.8mm

#### 4、 JZQ0.8-2.0/18.A.V detailed parameters



JZQ--- wire straightener

Straightening wire specification:  $\Phi 0.8\text{mm}$ ---- $\Phi 2.0\text{mm}$

18----- The number of straightening rollers

23----- The diameter of the straightening roller

V----- The groove type of straightening roller; V,R,U,and customization

A----- A Type:The straightener is the integral open and close function .B Type:Single straightening wheel moves independently.

Straightener size: length  $290\text{mm}$   $\times$  width  $135\text{mm}$   $\times$  height  $135\text{mm}$

Total weight of straightener: The machine is 7 kg, including package about 8 kg

#### 5. JZQ 0.8-4.0/18.A.V detailed parameters





JZQ--- wire straightener

Straightening wire specification:  $\Phi 0.8\text{mm}$ ---- $\Phi 4.0\text{mm}$

18----- The number of straightening rollers

30----- The diameter of the straightening roller

V----- The groove type of straightening roller; V,R,U,and customization

A----- A Type:The straightener is the integral open and close function .B Type:Single straightening wheel moves independently.

Straightener size: length  $435\text{mm}$   $\times$  width  $130\text{mm}$   $\times$  height  $130\text{mm}$

Total weight of straightener: The machine is 9.5 kg, including package about 10 kg

Applicable to 0.8-4.0mm solid wire, pipe also can use

## 5-1、JZQ 0.8-4.0/5. B. V detailed parameters



JZQ--- wire straightener

Straightening wire specification:  $\Phi 0.8\text{mm}$ ---- $\Phi 4.0\text{mm}$

30----- The number of straightening rollers

5----- The diameter of the straightening roller

V----- The groove type of straightening roller; V,R,U,and customization

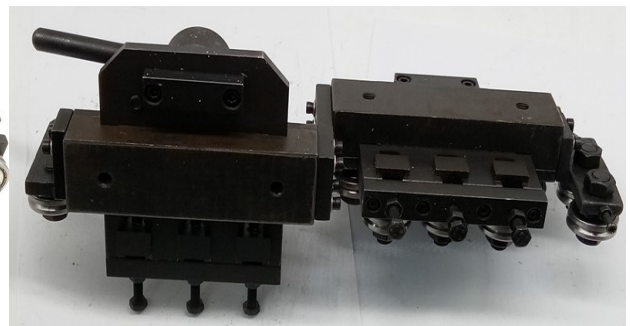
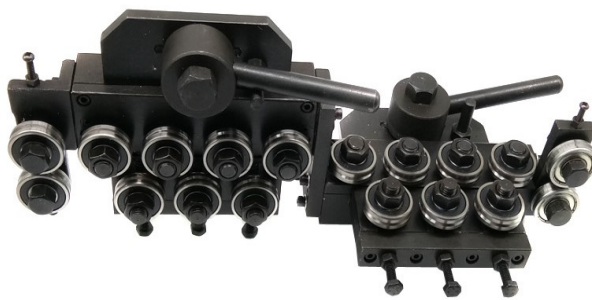
A----- A Type:The straightener is the integral open and close function .B Type:Single straightening wheel moves independently.

Straightener size: length 108mm×width 25mm×height77mm

Total weight of straightener: The machine is 3 kg, including package about 4 kg

Applicable to 0.8-4.0mm solid wire, pipe also can use

## 5-2、JZQ 0.8-4.0/14. A. V detailed parameters



JZQ--- wire straightener

Straightening wire specification:  $\Phi 0.8\text{mm}$ ---- $\Phi 4.0\text{mm}$

30----- The number of straightening rollers

14----- The diameter of the straightening roller

V----- The groove type of straightening roller; V,R,U,and customization

A----- A Type:The straightener is the integral open and close function .B Type:Single straightening wheel moves independently.

Straightener size: length 348mm×width 142mm×height 142mm

Total weight of straightener: The machine is 6 kg, including package about 7 kg

Applicable to 0.8-4.0mm solid wire

### 5-3. JZQ 0.8-2.0/26. A. V detailed parameters



JZQ--- wire straightener

Straightening wire specification:  $\Phi 0.8\text{mm}$ --- $\Phi 2.0\text{mm}$

26----- The number of straightening rollers

23----- The diameter of the straightening roller

V----- The groove type of straightening roller; V,R,U,and customization

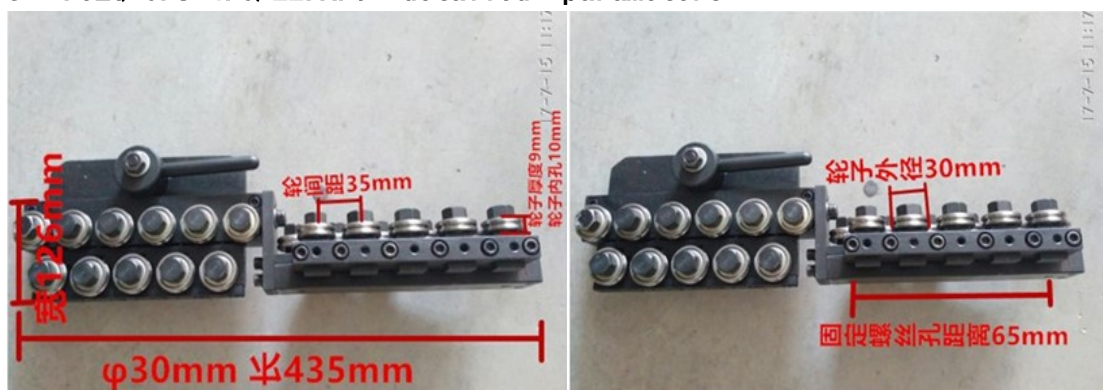
A----- A Type:The straightener is the integral open and close function .B Type:Single straightening wheel moves independently.

Straightener size: length 396mm $\times$ width 120mm $\times$ height 120mm

Total weight of straightener: The machine is 9 kg, including package about 10 kg

Applicable to 0.8-2.0mm solid wire

### 5-4. JZQ 0.8-4.0/22. A. V detailed parameters





JZQ--- wire straightener

Straightening wire specification:  $\Phi 0.8\text{mm}$ ---- $\Phi 4.0\text{mm}$

22----- The number of straightening rollers

30----- The diameter of the straightening roller

V----- The groove type of straightening roller; V,R,U,and customization

A----- A Type:The straightener is the integral open and close function .B Type:Single straightening wheel moves independently.

Straightener size: length  $435\text{mm}$   $\times$  width  $126\text{mm}$   $\times$  height  $126\text{mm}$

Total weight of straightener: The machine is 9 kg, including package about 10 kg

Applicable to 0.8-2.0mm solid wire, pipe also can use

## 6、JZQ4. 0-7. 0/14. A. V detailed parameters



JZQ--- wire straightener

Straightening wire specification:  $\Phi 4.0\text{mm}$ ---- $\Phi 7.0\text{mm}$  solid wire, 4.0-12.0mm hollow pipe

14----- The number of straightening rollers

42----- The diameter of the straightening roller

V----- The groove type of straightening roller; V,R,U,and customization

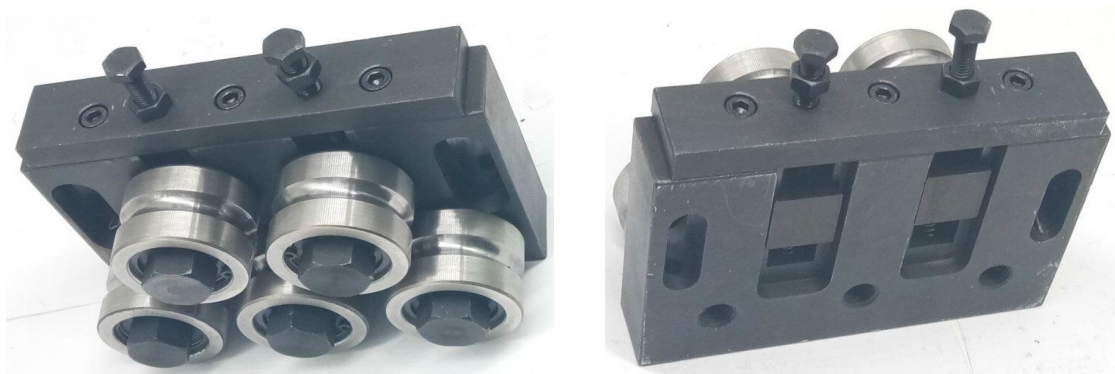
A----- A Type:The straightener is the integral open and close function .B Type:Single straightening wheel moves independently.

Straightener size: length 486mm×width 140mm×height 140mm

Total weight of straightener: The machine is 20 kg, including package about 23 kg

Applicable to 4.0-6.0mm solid wire, 4.0-10.0mm hollow pipe

## 7、JZQ4. 0-10. 0/5. B. V detailed parameters



JZQ--- wire straightener

Straightening wire specification:  $\Phi$  4.0mm----  $\Phi$  15.0mm

5----- The number of straightening rollers

47----- The diameter of the straightening roller

V-----The groove type of straightening roller; V,R,U,and customization

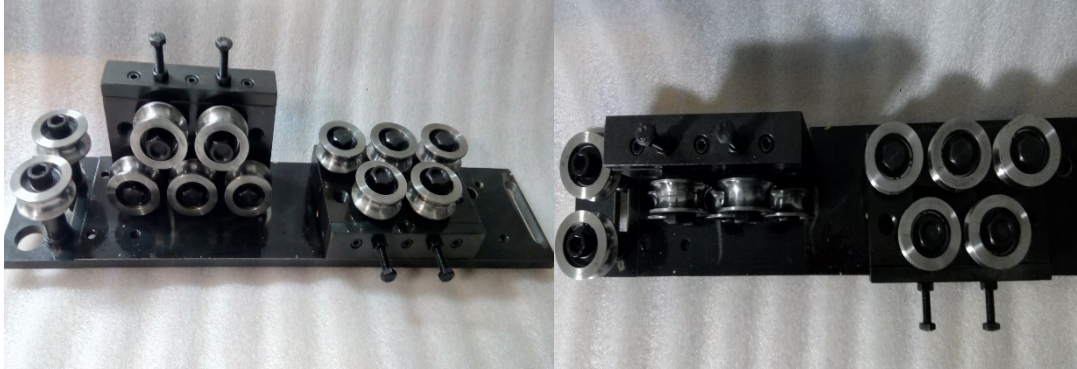
A-----A Type:The straightener is the integral open and close function .B Type:Single straightening wheel moves independently.

Straightener size: length 486mm×width 140mm×height 140mm, thickness 33mm

Total weight of straightener: The machine is 20 kg, including package about 23 kg

Applicable to 4.0-6.0mm solid wire, 4.0-15.0mm hollow pipe

### 7-1、JZQ4. 0-10. 0/10. B. V detailed parameters



JZQ--- wire straighter

Straightening wire specification:  $\Phi 4.0\text{mm}$ ---- $\Phi 15.0\text{mm}$

10----- The number of straightening rollers

47----- The diameter of the straightening roller

V-----The groove type of straightening roller; V,R,U,and customization

A-----A Type:The straightener is the integral open and close function .B Type:Single straightening wheel moves independently.

Straightener size: length  $570\text{mm}$   $\times$  width  $125\text{mm}$   $\times$  height  $125\text{mm}$

Total weight of straightener: The machine is 20 kg, including package about 23 kg

Applicable to  $4.0\text{-}6.0\text{mm}$  solid wire,  $4.0\text{-}15.0\text{mm}$  hollow pipe

### 7-2、JZQ4. 0-10. 0/14. B. V detailed parameters



JZQ--- wire straightener

Straightening wire specification:  $\Phi 4.0\text{mm}$ ---- $\Phi 15.0\text{mm}$

14----- The number of straightening rollers

47----- The diameter of the straightening roller

V-----The groove type of straightening roller; V,R,U,and customization

A-----A Type:The straightener is the integral open and close function .B Type:Single straightening wheel moves independently.

Straightener size: length  $555\text{mm}$   $\times$  width  $122\text{mm}$   $\times$  height  $122\text{mm}$

Total weight of straightener: The machine is 23 kg, including package about 25 kg

Applicable to  $4.0\text{--}6.0\text{mm}$  solid wire,  $4.0\text{--}15.0\text{mm}$  hollow pipe

### 7-3、JZQ4. 0-10. 0/22. B. V detailed parameters



JZQ--- wire straightener

Straightening wire specification:  $\Phi 4.0\text{mm}$ ---- $\Phi 15.0\text{mm}$

22----- The number of straightening rollers

47----- The diameter of the straightening roller

V-----The groove type of straightening roller; V,R,U,and customization

A-----A Type:The straightener is the integral open and close function .B Type:Single straightening wheel moves independently.

Straightener size: length  $800\text{mm}$   $\times$  width  $160\text{mm}$   $\times$  height  $160\text{mm}$

Total weight of straightener: The machine is 38 kg, including package about 40 kg

Applicable to 4.0-6.0mm solid wire, 4.0-15.0mm hollow pipe

## 8、JZQ4.0-20.0/10.A.V detailed parameters



JZQ--- wire straightener

Straightening wire specification:  $\Phi 4.0\text{mm}$ ---- $\Phi 20.0\text{mm}$

14----- The number of straightening rollers

50----- The diameter of the straightening roller

V-----The groove type of straightening roller; V,R,U,and customization

A-----A Type:The straightener is the integral open and close function .B Type:Single straightening wheel moves independently.

Straightener size: length 1000mm  $\times$  width 170mm  $\times$  height 170mm

Total weight of straightener: The machine is 50 kg, including package about 60 kg

Applicable to 4.0-6.0mm solid wire, 4.0-15.0mm hollow pipe



# Automatic feed straightening machine

## Parameter

1. roller number: 26 rollers
2. operating mode: The handle controls the overall opening and closing, and a row of wheels is individually adjustable
3. roller diameter: diameter 70mm
4. mode of traction: adopt three sets traction wheel active wheel, passive wheel
5. motor power: 1.5KW
6. Straightening range: applicable to 5-15mm solid wire, Such as steel wire, iron wire, carbon steel, welding wire, round steel, copper bar and other materials



## Parameter :

1. roller number: 18 rollers
  2. operating mode: The handle controls the overall opening and closing, and a row of wheels is individually adjustable
  3. roller diameter: diameter 70
  4. mode of traction:
- Belt haul-off machine(specially customized,



wear-resistant)

5. Straightening range: 1) Hollow copper pipe is applicable to 4-25mm 2)

Hollow steel tubes apply

4-15mm, applicable rolls by rolls

6. motor power: 1.5KW

7. Size: 1500×1200×500mm

#### Parameter

1. roller number: 14 rolls (customize 18、22、26 rolls)

2. operating mode: The handle controls the overall opening and closing, and a row of wheels is individually adjustable

3. roller diameter: outer diameter37, 14 rolls

4. mode of traction: two sets traction wheel active wheel, passive wheel

5. Straightening range: Apply to 2-4mm solid wire(eg : iron wire, copper wire, not too elastic)

6. motor power: 1.5KW

7. Size: 750×200



## Automatic straightening and cutting machine

### 1. Solid wire straightening and cutting machine

1. Apply to wire diameter:1.0-6.0mm (variety of specifications, need to replace the cutter and Straightening mould)

2. length tolerance:±0.3mm

3. Straightening speed:18m/min

4. motor power: 0.75KW\*2

5.volatage: 380V

6.Size:1800×690×760 mm

7. total weight:250Kg

8. material requirements: rolls by rolls materials

9. mechanical characteristics: Chinese and English menu, super LCD, easy to operate,Set the number of times, accumulative quantity and specification memory.



### 2. Hollow pipe straightening and cutting machine

1.Size: 2300mm×600mm×1280mm

2. Machine plane height: 850mm



3. weight: 500kg
4. Use the power supply: Three-phase five-wire 380V with zero line and ground line
5. motor power: 3KW
6. Use air pressure: 0.5—0.8mpa
7. suitable for pipe:  $\phi$  4— $\phi$  20 Aluminum tubes. Copper tubes
8. stainless steel tube 4-10mm
9. Feeding speed: 0—50M/min
10. cutting ways: Single – cutter rotary chipless cutting
11. cutting time: 2—2.5s/time
12. The completion time of three meters per time is about 6 seconds, and the output of eight hours per day is about 3,000-4,000.

### Automatic wire straightening and cutting machine

The motor drive of the aligning device and the wire feeding and cutting device respectively do not interfere each other.

A. Cast iron, alloy and plastic king aligning block can be selected, which is suitable for galvanizing line, powder drawing line, water drawing line and stainless steel line. The surface of the line can be guaranteed without any scar.

B. The feeding length can be adjusted arbitrarily, with small error, and the upper and lower cutting knife with high hardness can make the incision better.

C. The machine case is made of high strength superior steel plate, and the

structural design is original in Japan.

D. Microcomputer control system can be selected. This system has the function of normal work indicator light, machine stop alarm, manual and automatic operation, output arriving automatic stop function, output preset display function, digital display count function, and memory function of various specifications.

E. The aligning shaft is made of 45# steel in one, beautiful and durable, free from deformation and fracture. Through high precision machining processes such as turning and milling, the balance and concentricity of the aligning shaft are ensured.

F. The pressure line wheel is made of excellent steel mould. It can be used for high-precision turning, milling, grinding and wire cutting at the same time.

G. It has a hand-operated oil booster device, which is more convenient for all parts of the machine.

#### Main technical parameters of standard straightening and cutting machine

产品型号	线径 mm	标准定尺 mm	调直速度 m/min	电机功率 KW	整机重量 KG	外形尺寸 mm
TZ0.5-1.0	Ø0.5-1.0	300	18	1.5	68	700*260*600
TZ1.0-2.5	Ø1.0-2.5	800	18	0.75/0.75	120	1300*290*860
TZ2.5-5.0	Ø2.5-5.0	2000	18-25	0.75/1.5	260	1350*420*1175
TZ5.0-9.0	Ø5.0-9.0	2000	18-25	1.5/5.5	400	1800*540*1200
TZ9.0-12.0	Ø9.0-12.0	2000	18-25	2.2/7.5	500	1670*470*1350
TZ12-16	Ø12-16	3000	18-25	4/11	800	2800*600*1500
BT2/20	2/20	2000	18-25	5.5	480	3090*500*1200

#### Scope of application

Normal iron wire, spring steel, water pumping wire, powder pumping wire,



carbon steel wire, stainless steel wire, copper wire and other nonferrous metal wire shall be straightened and cut. Wide use

Film industry, shelving, storage cage, shopping mall shopping hand car, electroplating hanging tools, iron wire process products, lighting, spring and other industries.

### **Configuration of the aligning machine**

1. 1.0-2.5 aligning and cutting machine is equipped with a 1-meter aligning gun, and the effective feeding length is 50-950mm;
2. 2.5-5.0 aligning and cutting machine is equipped with a standard 2-meter aligning gun, with effective feeding length of 50-1950mm;
3. 5.0-9.0 aligning and cutting machine is equipped with a 2-meter aligning gun, and the effective feeding length is 50-1950mm;
4. 9.0-12.0 straightening and cutting machine is equipped with a standard 2-meter straightening gun, and the effective blanking length is 50-1950mm.

Production workshop picture:









## Office picture

