

The thread rolling machine adopts two thread profile thread rolling plate staggered 1/2 screw distance design, One plate is fixed, movable plate is on the fixed plate do straight line motion back and forth, when the work piece feed between two plates, movable plate move forward twist work piece, make its surface plastic deformation into thread. To roll thread on blank shank of bolt after being cold-headed.

RAINBOW

# HIGH-SPEED AUTOMATIC THREAD ROLLING MACHINE



- Professional ✓
- Good quality ✓
- Energy conservation ✓

**20** YEARS

20 years of professional export

## Overview

### Quick Details

|                       |   |                       |                     |
|-----------------------|---|-----------------------|---------------------|
| Condition:            | New   | Place of Origin:      | Jiangsu, China      |
| Usage:                | Heat Treatment Furnace                            | Type:                 | Resistance Furnace  |
| Brand Name:           | Rainbow   | Voltage:              | 380V,415V           |
| Dimension(L*W*H):     | 50m   | Certification:        | CE Certificate      |
| Weight (T):           | 65 T  | Power (kW):           | 190                 |
| After Warranty Ser... | Video technical support, Online support           | Key Selling Points:   | Competitive Price   |
| Local Service Loc...  | India   | Applicable Industr... | Manufacturing Plant |
| Showroom Locati...    | India   | Weight:               | 63900kgs            |
| After-sales Servic... | Engineers available to service machinery overseas | furnace:              | mesh belt furnace   |
| Warranty:             | 1 year  |                       |                     |

### Supply Ability

Supply Ability: 20 Unit/Units per Year

### Packaging & Delivery

Packaging Details In Containers,40 feet container, 20 feet container.  
Port Shanghai

## PRODUCT FEATURES

All applications and functions of the thread rolling machine

- ◆ All multi-station models apply air clutch brake with small starting current, allowing operation modes of "Inching", "Single Stroke" and "Continuous Running". The main sliding table can automatically stop at its rear position while operated under "Single Stroke" and "Continuous Running" modes, so as to obtain maximum space for adjustment.



**Thread Rolling Machine**

**PRODUCT  
ADVANTAGES**



Stable, easy to operate, high accuracy, high efficiency, can be full automatic processing thread, straight, textured.

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## OPTIONAL ACCESSORIES

Choose some accessories to use together to improve efficiency more obviously



CHIP SEPARATOR



HOPPER



INVERTER



FLOATING HEAD-DETECTING,  
COUNTING, STOPPING DEVICE



CONVEYOR



AIR-BRAKE



**CY08Z**

- ◆ Enclosure cutting off die and knife deliver a clear and perfect cross section of blank for forming.
- ◆ The cut off roller is designed at the center of the cut off rod to avoid eccentric force occurred on the roller pin, so as to obtain high efficiency and stability of the cutting mechanism.

- ◆ Front knock-out(P.L.O)actions coincide with back action of main sliding table, allowing the forged parts temporarily stay in the forming die, instead of being taken away by the punch.
- ◆ The machine main parts such as the bench, main sliding table etc ha been treated for removing the residue stress arter casting to avoid any deformation and keep stable precision of the machine in long term.



**CY06XN**

# THREAD ROLLING MACHINE PART OF THE STRUCTURE



## TRANSPORTATION MATERIAL

Sloping filling-90 degree obliquity with main slider



## TRANSPORTATION MATERIAL

Sloping filling-30 degree obliquity with main slider



## NO HEAD SCREW

Through no head screw feeding system, the system solves problems in no head 'screw bottleneck with advanced value Ir machinery.



## ORBITAL BRACKET

To stabilize filling progress in order to avoid floating head and increase fine quality.



## FORCIBLE OIL CARRYING

It replaces traditional acrylic oiler which damaged main slider. This precision filter system not only lowers direct cost in production but also extends life usage in recycle.



## AUTO FEEDING SYSTEM

Replaced cam by auto feed system, effectively avoids the cam abrasion in the production process.

## FINISHED PRODUCT TO SHOW

Hole-punch product with large manufactured head and deformation coefficient



# PRODUCT DISPLAY

Various types of thread rolling machine to meet your various needs



CY06Z



CY08Z



CY10Z



CY12Z



CY16Z



CY30Z



CY02X



CY05X



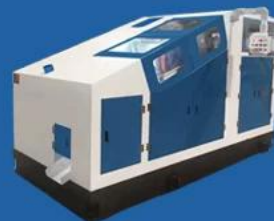
CY06XN



CY06X



CY08X



CY12X

# THREAD ROLLING MACHINE PARAMETERS

| 序号<br>Order | 机型<br>Model | <br>外径<br>(mm)<br>Diameter | <br>长度<br>(mm)<br>Screw length | <br>牙长<br>(mm)<br>Thread length | <br>牙板<br>Moving Dies<br>Stationary Length | <br>功率<br>(KW)<br>Main Motor | <br>产量<br>(PCS/MIN.)<br>Max.output | <br>重量<br>(KG)<br>Approx.wt | <br>机台尺寸<br>(mm)<br>Machine Size |
|-------------|-------------|---|---|--|---|---|--|--|---|
|-------------|-------------|---|---|--|---|---|--|--|---|

## CY90°Feeding (GEAR IN OUTSIDE) 《CY系列可配合买方尺寸，更改90°牙板》

|    |        |       |             |     |            |      |         |       |                |
|----|--------|-------|-------------|-----|------------|------|---------|-------|----------------|
| 1  | CY05Z  | 3-5   | 50/75       | 50  | 76/89/25   | 2.2  | 90-120  | 1000  | 1600×1300×1650 |
| 2  | CY06Z  | 3-6   | 50/75       | 75  | 90/105/25  | 4    | 160-185 | 1500  | 1800×1500×1700 |
| 3  | CY08Z  | 4-8   | 100         | 75  | 108/127/25 | 5.5  | 145-165 | 1900  | 2000×1600×1700 |
| 4  | CY10Z  | 6-10  | 150/200/300 | 100 | 150/165/25 | 11   | 85-120  | 3670  | 2896×1216×2180 |
| 5  | CY12Z  | 8-12  | 150/200/300 | 100 | 190/215/35 | 15   | 65-85   | 5600  | 3265×1524×2345 |
| 6  | CY16Z  | 12-16 | 150/200/300 | 100 | 230/265/38 | 22   | 45-60   | 6700  | 3500×1900×2200 |
| 7  | CY20Z  | 14-20 | 200/300     | 150 | 290/330/50 | 37   | 40-50   | 14000 | 2200×4700×2200 |
| 8  | CY24Z  | 16-24 | 200/300     | 150 | 380/420/50 | 45   | 35-45   | 18300 | 5100×2320×2600 |
| 9  | CY30Z  | 20-30 | 250/300     | 150 | 450/500/50 | 55   | 20-30   | 22330 | 5600×2500×2850 |
| 10 | CY02X  | 1-3   | 25          | 20  | 51/64/19   | 1.5  | 275-325 | 830   | 1150×1000×1680 |
| 11 | CY05X  | 2-5   | 40          | 32  | 76/89/25   | 2.2  | 230-280 | 1040  | 1560×1180×1790 |
| 12 | CY06XN | 3-6   | 75          | 75  | 90/105/25  | 5.5  | 280-400 | 2800  | 2150×1250×2000 |
| 13 | CY06X  | 3-6   | 50/75       | 50  | 90/105/25  | 4    | 170-200 | 1900  | 2140×1180×2100 |
| 14 | CY06XT | 3-6   | 75          | 75  | 90/105/25  | 4    | 170-200 | 1900  | 1900×1500×1600 |
| 15 | CY08X  | 4-8   | 75          | 50  | 108/127/25 | 5.5  | 180-200 | 2215  | 2410×1180×2100 |
| 16 | CY10X  | 6-10  | 100/150     | 65  | 150/165/25 | 15   | 130-160 | 4530  | 3800×1800×1970 |
| 17 | CY12X  | 8-12  | 100/150     | 75  | 190/215/35 | 22   | 110-140 | 5300  | 3300×1530×1982 |
| 18 | CY16X  | 12-18 | 150         | 80  | 230/265/38 | 30   | 75-120  | 7600  | 3720×1800×2620 |
| 19 | CY20X  | 14-20 | 150         | 80  | 290/330/50 | 37.5 | 73-85   | 14000 | 3024×1824×2300 |



# ABROAD CUSTOMERS



# SHIPPMENT





## COMPANY PROFILE

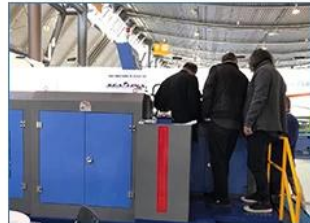
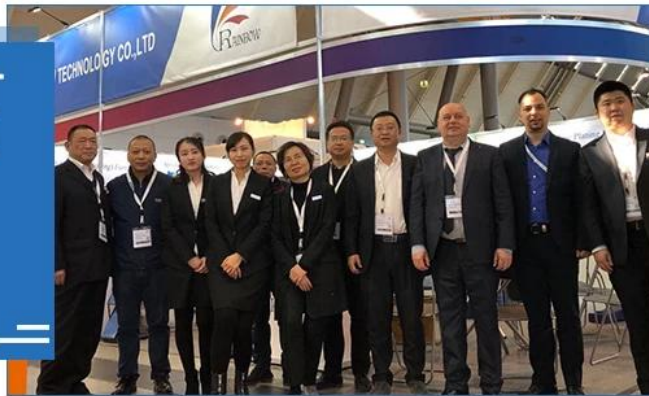
Harbin Rainbow Technology Co.,Ltd comes from China National Machinery Import and Export Corp. Harbin branch. The main business is manufacturing cold forging machine, Bolt Maker, Nut Maker, Part Former, Screw Heading Machine, Thread Rolling Machine, Wire Drawing Machine and Mesh Belt Furnace,Zinc plating plant. etc.



## OFFICE IN INDIA



## STUTTGART EXHIBITION IN 2019



## MUMBAI EXHIBITION IN 2019



# OUR ADVANTAGES

Professional manufacturers, trustworthy



high  
quality  
productions



strong  
production  
capacity



better  
online  
service



professional  
team



skilled and  
professional  
experience  
engineers

We have established reputation in countries such as India, Iran, US, Europe and Southeast Asia where we have core customer bases. Meanwhile, we are well respected by the domestic factories and the customers in the mechanical and electrical business.



Nowadays, more and more reputed companies compete in a long-term cooperation with us. That's why we can provide our customers with the best quality products, the best price, and the best service.



**Q :** Are you factory or trading company?

**A:** We are the biggest dealer of machines related to fastener area, and we are the agent of China biggest bolt former manufacturer, heat-treatment furnace, and so on.

**Q :** Why should we choose you?

**A:** We choose the best supplier out of hundreds of similar factories, which assures that our product is of the best quality.

**B:** We have more than 20 years experience in this area.

**C:** We can provide all machines to equip an entire bolt/nut production line.

**D:** Fully support in buyer workmen training.

**E:** Fully support in after-sales service.

**Q :** What about your price?

**A:** The price based on your details request, like your product size, machine model, order quantity, and so on.

**Q :** How about shipping?

**A:** Ocean shipping, air transportation.

**Q :** Do you offer after-sale service?

**A:** Yes, we offer full and good service for all our clients. We will always be there for you, if you have any questions.

For more information of our company ,  
please visit our web site: [www.rainbowtechnology.net](http://www.rainbowtechnology.net)