

Salient Features:

1. These cold heading ma



# BOLT MAKER

Auto multi-station cold Upsetting Former is a specialized machine tool with high precision, high productivity and more automation among metal forging machinery. Cold upsetting technique and cold upsetting formers are used as an important means for producing different kinds of bolts.



- Professional
- Good quality
- Energy conservation

# 20 YEARS

20 years of professional export

# SUPER HIGH QUALITY UNITS



SWING PNEUMATIC GRIPPER



DIGITAL BAFFLING OPERATED BY HAND WHEEL



DIGITAL FEEDING OPERATED BY HAND WHEEL



SLIDING SCREWED SLEEVE OF REAR K.O.



CUT OFF PART



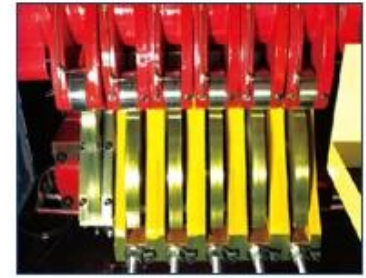
Due to the high accurate multi-function compound gripping mechanism, there are translational wide open gripper, nut gripper and turnover wide open gripper, and these 3 grippers can be interchanged and shared at will. However the key breakthrough design is that the turnover wide open gripper can both turn over and widely open, it expands the production range for different kinds of abnormal parts and reduces the manufacturing cost for the dies.



AIR CLUTCH



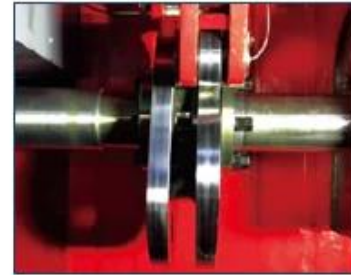
OPERATING SYSTEM



REAR KNOCK OUT MECHANISM



ELECTRICAL DIGITAL FEEDING

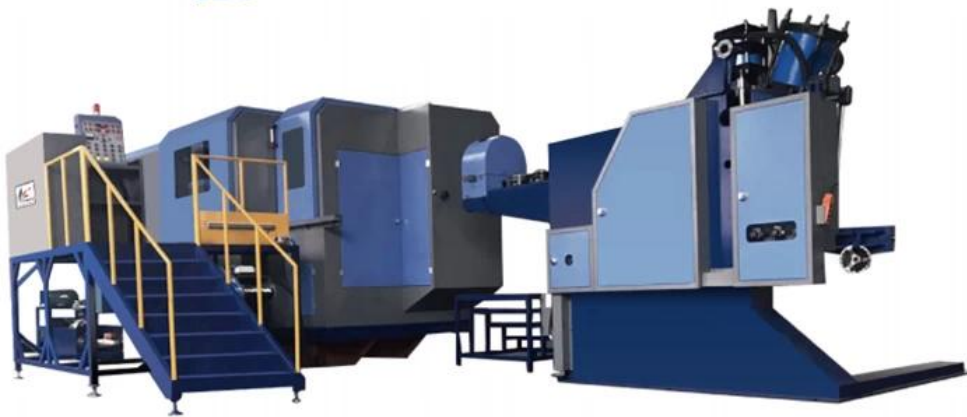
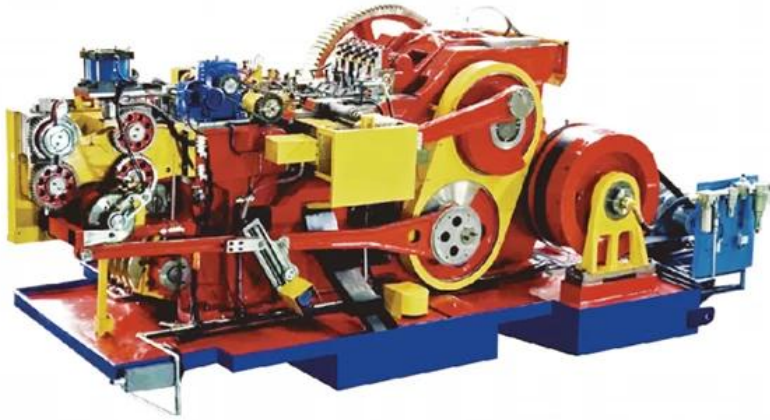


THE SWING OF GRIPPER IS DRIVEN BY CONJUGATE CAM



High accuracy main sliding block is designed to be connected with rear wing for letting it run stably and precisely, the bottom of front and back wing is adopted super wearing inserted copper plate with self lubrication, it can ensure accuracy and extend service life. The post stations of punching tool can be fulfilled the function of reverse punching.

# PRODUCT DISPLAY





## 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.



We abide by the principles of honesty, credibility, and mutual-benefit, and do our best to serve clients and customers both at home and abroad. With our top-notch professional knowledge and trading experience, we have seen our market development ability and actual business growth with an increasingly faster pace. We sincerely look forward to working with you to facility your company's foreign market development and China market expansion. Let's build a great future together!





# MUMBAI EXHIBITION IN 2019



## SHIPPMENT



chines are fully automatic and easy to operate with little training, fitted with Solid Die to produce blank for Bolts, Screws,

Rivets and other similar components. Cut off and knock out mechanism have safety devices that will stop any major accident if any abnormal function occurs in machines.

2. A positive knock out provision had been made on the 1st and 2nd punches to eliminate the possibility of parts sticking to these punches during the operations.

3. On some extra charges machines will be equipped with Pneumatic Clutch & Automatic Centralized Lubrications systems which provides sufficient quantity lubricating to all bearing surface.