



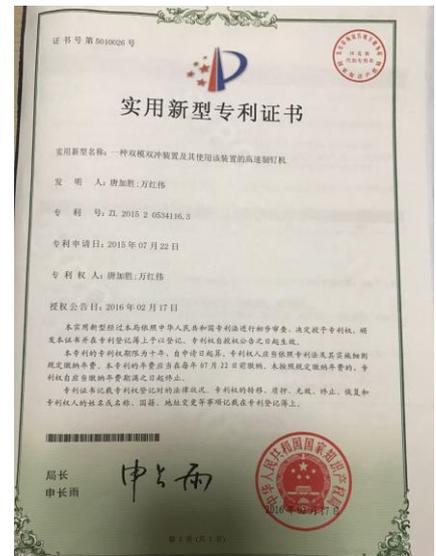
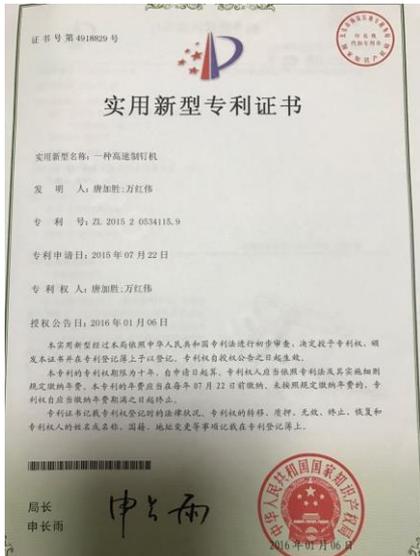
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High-speed nail making machine

1. Picture



One invention patent and two utility model patents





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2. Technical Data:

MODEL	SSS-YH-ZDJ-X50	SSS-YH-ZDJ-X90	SSS-YH-ZDJ-D90	SSS-YH-ZDJ-X130	SSS-YH-ZDJ-X150
Nail dia.	1.8-3.0 mm	2.0-3.8 mm	2.0-3.5 mm	2.4-4.5 mm	2.5-5.0 mm
Nail le.	32-55 mm	45-90 mm	45-90 mm	70-130 mm	70-150 mm
Speed	≤ 800 pcs/min	≤760pcs/min	≤680pcs/min	≤680pcs/min	≤700pcs/min
Power	7kw	7kw	7kw	7kw	14kw
Dim (mm)	1350*850*1170 1500*800*1600	1350*1220*1050 1500*800*1600	1350*1220*1050 1500*800*1600	1550*1220*1050 1500*800*1600	1650*1250*1300 1500*800*1600
Weight	2200 kgs	2800 kgs	3000 kgs	3500 kgs	4500 kgs

3. Main introduction:

- Long-service life**, no less than the common nail making machine, for at least ten years. Nail transferring belts at low cost and long life which is 2-3 months without an incorrect operation.
- Automatic oiling system**, few lubrication points, much less than normal machines and other nail making machines on market. It is still very tidy when operating.
- High output**, take specification 2550(D-2.5mm* L-50mm) for example, the capacity is about 760 kgs / 8 h.
- Low Maintenance cost**, no dismantle if not change nail mold specifications which can work for 3 months. Punch time is five times than ordinary equipment depending on the actual using status. The upper and lower nail cutters do cutting without touch, cutting times can reach at least 8 million (8,000,000 is the cutting times of wire diameter 2.0mm, rough wire diameter will be multiplied); low consumption of nail molds, no crack, no fixed mold raw wear, no mold clogging, a single pair of nail mold can cut at least 50 million times, punching is more than 25 million times. Nail cutter, nail mold, punch can be repaired for many times at the same cost compared with general equipment.
- Super energy-saving**: actual power consumption of High- speed nail making machine is around 3.5KW. Compared to the normal nail making machine, this machine can save electricity around 30 degrees per 1 ton nails output.
- Easy operation and high efficiency**: one person can operate at least 6 machines at the same time. 60% labor cost saving because of its high efficiency. Coiling nails efficiency gains at least 50% with a high-frequency welding machine as each nail is quality product without stuck and stop, even if in the speed of 1900 nails/min, coiling speed can improve 30%, so that can reduce 40% labor cost.
- High quality nails**: Detective rate is very low, which is 1/100000, improve the efficiency of coil nail collating and paper strip nail making machine, far different from traditional nail making machine which detective rate is high (3%) and hard to control.
- Alarming system**: Our machine has 7 sensors installed in various parts of the machine. When something abnormal happens, the machine will active stop immediately to protect the machine and tools from damage.
- Shorter stroke (12mm)**, traditional machine around 100mm
 - Stable performance, defective rate less than 1/100000
 - Lower mechanical wear
 - Gripping dies and punches are more durable.
- Well-controlled nail length**



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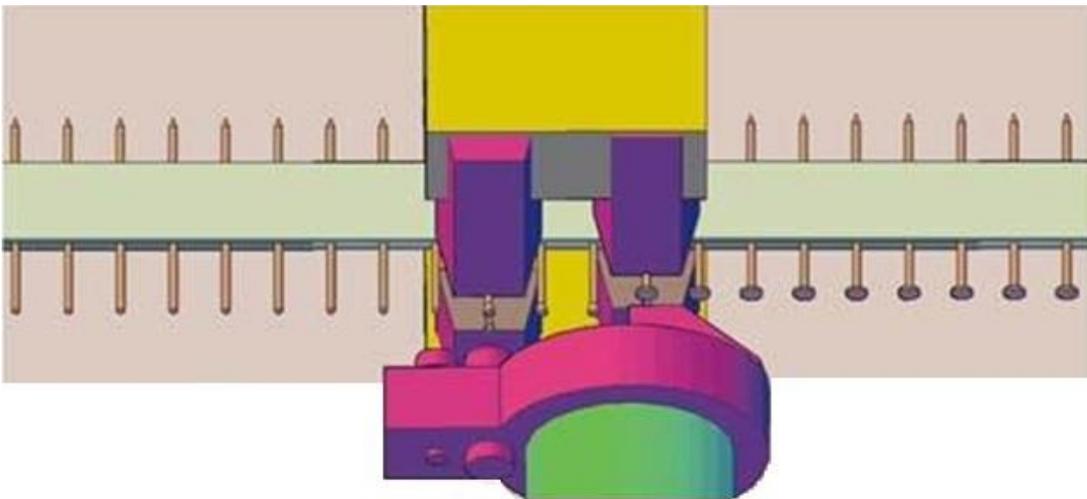
- a. The machine equipped with sensor for detecting longer or shorter nails
- b. Active wire feeding, can ensure straight shank and consistent length, no matter what the wire coil's weight is.

11. Well-separated metal scraps

- a. Effectively protect the nail conveying belt
- b. Ensure the good shape nail head

4.Features

(1)

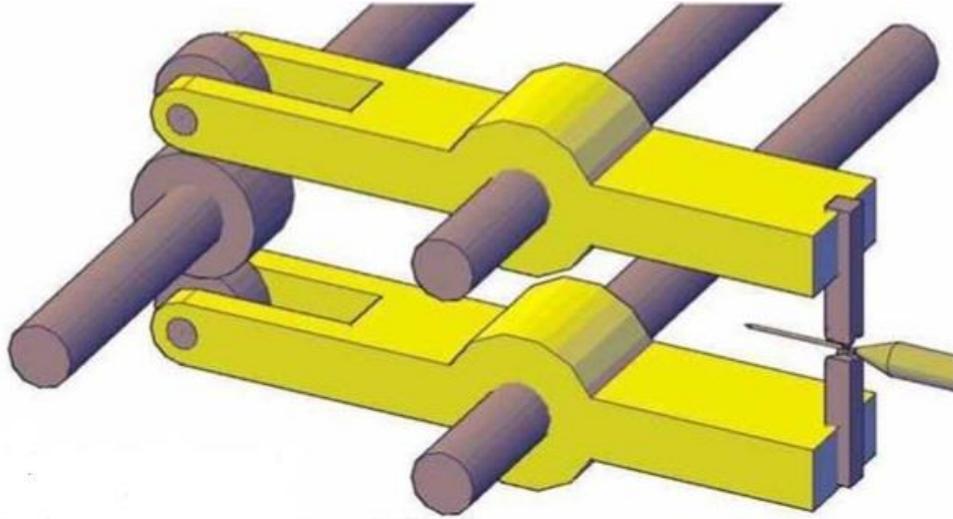


Unique patent, two-time heading, double-dies and double-punches structure

- ① Bigger nail heads can be easily gotten
- ② Nail heads are always very round and in the center.
- ③ Nail head without knock marks, consistent and good looking
- ④ Uniform thickness of the nail cap diameter.
- ⑤ Hollow design nail clamping dies, no small head, no ash blocking, no clip crumbs, no cracking, no frequent dies demolition.



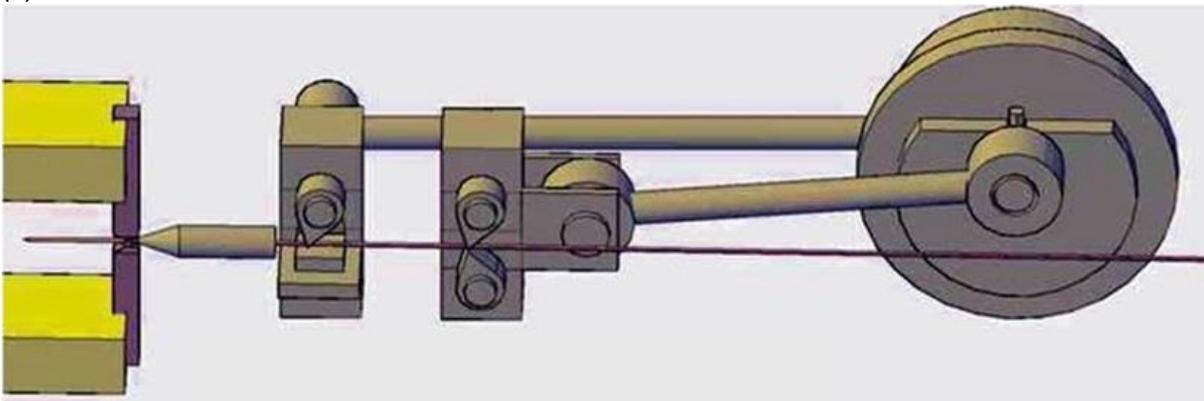
(2)



Nail cutter holder adopts pendulum structure

- ① Shorter stroke, lower mechanical wear
- ② High precision, nail cutters work without touch, low tool wear.
- ③ One set of cutters' cutting times up to 10 million times

(3)



Feeding and rewinding structure

- ① High -precision feeding device. The error of each nail length is controlled within 0.3mm
- ② Unique wire feeding and retreating combination, each nail through the wire feeding, cutting, wire retreating, three mechanical action, the nail will be completely separated from the nail shank to ensure quality.