Industrial manual printer

operating manual

Product parameter			
Brand	Far built	Model	YJ-Z (aluminium section)
Typeface	Song typeface	Font height	2mm 2.5mm 3mm 4mm 5mm 6mm optional
Character content	Number 0-9 English uppercase A-Z symbol . - × /	Printing speed	2-4 words /10 seconds
Prnting depth	0.1mm-0.5mm (material hardness)	Printing range	170mm x 130mm
Work mode	Semi automatic hand beat type can adjust the word spacing	Fixed mode	Magnet fixing
Print direction	Flat line printing one by one	Weight	8 kilograms
Applicable scope	Thickness <1.5 mm stainless steel, copper, aluminum, iron, plastic	Packaging type	Foam, outer box size 360 × 330 × 300

Uses:
Engraved in the metal plate on the parameters such as: specific type, date, batch number, serial number and so on.
Typical application:
All kinds of aluminum, copper, stainless steel, plastic nameplate for machinery, electrical machinery, water pump, valve, automobile and motorcycle, electric appliance

Production background:
The traditional way of stamping often caused by percussion, font crooked, shades, inefficient. For a long time, how to improve the level of signs has plagued the engineering staff of industrial enterprises.
Pneumatic marking machine (also known as: computer engraving machine needle) can imprint, but its high price is so many signs number of small and medium-sized enterprises prohibitive.
Our factory developed and designed the sign parameter smashing machine completely solved the above defects and low price. Once the product was launched, it has been widely recognized by the market.

Working principle:
The alloy steel high frequency quenching transfer case under external force (pressed by hand or rubber hammer), metal plate engraved printed in a certain depth (0.1~0.5mm depth) of the letters or numbers;
After heat treatment of the steel plate can rotate to the desired letters or numbers, easily replace words;
Embossing position, spacing by special mechanical stepless adjustment;
Word spacing depends on manual adjustment;
Different words by replacing the case to achieve high;
The print range is less than 170 * 130mm signs can clamp various shapes stamped.

Characteristic:

It has the advantages of small size, light weight, convenient operation, neat printed handwriting, uniform and clear lines, and full range of fonts

Technical parameter:

Printing plate material: iron, aluminum, copper, stainless steel, plastic products

Maximum size: < 195mm * 135mm label printing

Round number contains:

Capitalized English letters: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Arabia Digital: 1 2 3 4 5 6 7 8 9 0

Simple symbols: · × / — (large amount of customized special symbols)

Font height specification: 2mm 2.5mm 3mm 4mm 5mm 6mm

Instructions:

1,signs placed method

The sign is placed in the top left corner of the work table according to the diagram, and the sign plate and the magnetic steel are pressed to make sure the sign is not loose

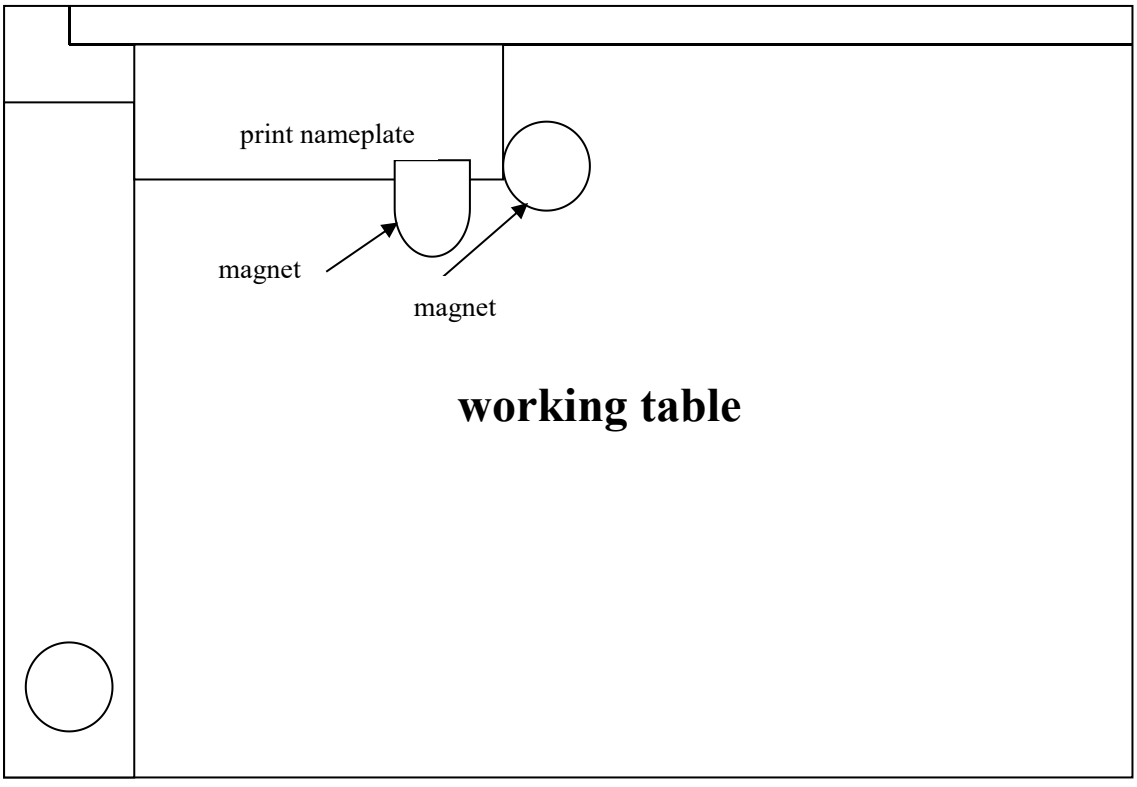
2,wheel loading and unloading

First, use the wheel wrench to remove the wheel lock nut, select the right wheel, install the word wheel lock, nut, align the pointer

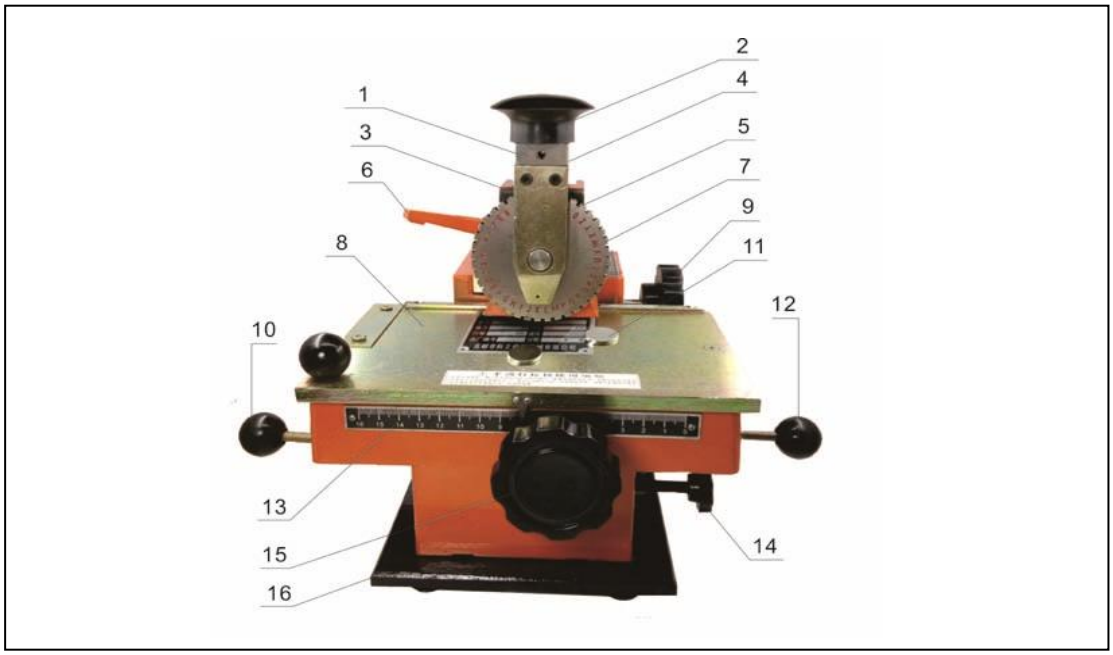
3,print and start position adjustment

Put a good sign, separate the clutch handle, rotate the handwheel and spacing kerning handwheel, make the character wheel alignment character position just above the print frame after locking the carriage, the clutch handle, with the palm beat rubber cushion, to complete the first print, pressed kerning feeding handle, the work table to move left one (by adjusting hand wheel adjustment kerning, again with the palm kerning) beat rubber cushion, namely second print, back the same way.

4,fixed sign drawing:



Decomposition diagram:



1,sliding anvil	7,word wheel	13,kerning caliper
2,hand beat rubber buffer	8,work table	14,adjust the handwheel kerning
3,head carriage	9,spacing adjustment handwheel	15,table quick moving handwheel
4,depth adjustment screw	10,kerning feed lever	16,foot decorative board
5,wheel press (or lock nut)	11,plate fixer	17,
6,Carriage locking handle	12,clutch operating handle	18,random with 1 word wheel
19,random tools: (outside six corners board hand 1, inside six corners board hand 2, drive belt 1, magnet steel 2)		

Routine maintenance:

1，The machine should be kept dry, clean, avoid internal parts corrosion, can regularly for the relative sliding surface with appropriate amount of lubricating oil, in order to operate light, no leakage of oil as good.

2，it should be avoided that the rotary wheel is directly printed on the work table, resulting in uneven surface, affecting the printing effect in the future, long-term need not unload the word wheel

3，To adjust the print starting position, you must release the clutch handle, such as mandatory move fast moving table handwheel will damage the transmission belt, the feed or malfunction. No kerning.

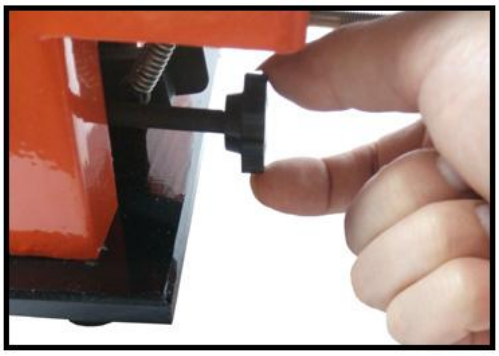
Common faults and adjustment methods:

Fault phenomenon	Failure cause	Troubleshooting
Typing symbols up and down arrangement is not neat	1,the front and back of the word wheel move 2,the sign is loose and not pressed	1,lock the carriage, tighten the wheel nut 2,Re press the label
Kerning is not uniform	1,feed kerning handle under pressure is not in place 2,the transmission belt is too loose or worn surface	1,the handle under the uniform pressure in place 2,adjust the belt tightness, or replace
Pointer offset of wheel lock nut	1, the center axis of the wheel is loose 2, the wheel nut is too tight	1, remove the lower anvil, tighten the shaft screw 2, remove the anvil, adjust the move tight

The above methods have not been excluded, and need to be returned to the factory maintenance

Detailed step diagram of sign printing:

1,first adjust the depth of printing and word spacing;

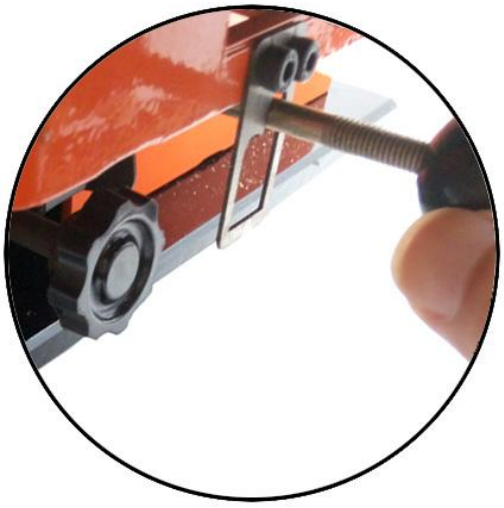


2,Place the sign on the worktable
and fix it with magnet.

3,Separate the lower right clutch
and release the longitudinal carriage.

4,Turn the horizontal and vertical handwheel,
the word wheel alignment printing position.

5, Close the clutch and lock the
work table and lock the carriage.



6,Press the glue buffer to print a character.

7,Press the kerning feeding handle,the work table will shift to the left one

Dial parameters:

Material: steel 12CrMo
Hardness: >60 degrees
Thickness: 6 mm
Diameter: 80 mm
Axle hole: 14 mm
The digital dial full circle positioning error of + 0.10 mm (avoid printing characters overlap or kerning cannot control)
Code number: 40
English letters: A B C D E F G H I J K L M N 0 P Q R S T U V W X Y Z
Arabia Digital: 1 2 3 4 5 6 7 8 9 0
Simple symbols: • × / —
Theoretical service life: stainless steel nameplate single character code continuous printing more than 200 thousand times
Font height specification:
2 word code box: font high, 2mm font width 1 mm
2.5 word code box: font high, 2.5mm font width 1.2 mm
3 word code box: font high, 3mm font width 1.5 mm
4 word code box: font high, 4mm font width 2 mm
5 word code box: font high, 5mm font width 2.5 mm
6 word code box: font high, 6mm font width 2.8 mm
Manufacturing process:
Select high quality 12CrMo (short mold steel), "red dozen" into a piece of shape
Under the high precision machining, full circle carving code
Through vacuum quenching process, the deformation is small and the hardness is high
Print nameplate materials: iron, aluminum, copper, stainless steel, plastic products