

Portable High speed Bag Closing Machine

Model Gk9-890

Operational Instructions Sample of Components



Preface

First, welcomed the use of hand-held electric sealing machine produced by our factory. This product has obtained the national patent. The machine has the following advantages: the use of safety, pressure adjustable automatic shear line , etc .

Catalogue

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1. Technical specifications :

- (1) a single thread chain stitch: (101)
- (2) needle type: This product use ordinary GK9 machine
- (3) the use of specification: GK9 polyester suture line
- (4) the sewing speed : 1500- 900 needle/min
- (5) motor specifications: voltage (36/110/210 to 230) volts, the input power of 125-180 watts, 12500-18000 rpm
- (6) size: 25X8X25 (length and width and height)
- (7) net weight: 2.9 kg

2. Safety precautions

- (1) first unplug the power plug maintenance after use
- (2) before the machine is connected with the power supply voltage to confirm the match
- (3) must use the three core power line and confirm the good grounding
- (4) motor heat dissipation holes should be kept clear
- (5) do not use a hard object collision and gravity of the machine
- (6) should be invited to the training of personnel to repair the machine maintenance
- (7) shall not be affected with damp, and the machine was so as not to cause electrical short circuit

3. Method of use:

(1): the machine needle exchange will be increased to the highest position, loosen the fastening screws, pull out the needle, to replace the new machine needle, and use the machine needle to stop and pay attention to the needle plane gap in fastening screws. (Figure)

(2) a change: the feed dog rose to the highest point, open the inner six angle screw B, and then the needle to tilt, and to draw. (Figure)

(3) the threading process. (according to the diagram)

(4) the line wheel adjustment: turn the pressing nut clockwise, counterclockwise to loose.

(5) the pressing force: adjusted clockwise rotation adjustment screw clamping force increases, counterclockwise decreases, suggested in the premise of not affecting the feeding effect of decreasing properly the pressing force, favorable to reduce the motor weight and mechanical wear. (Figure)

4. Product characteristics and uses

Product features:

(1) product features: This machine is the patent product innovative design, has the advantages of fast speed, good reliability, completely change the old model of motion stability is poor, easy to wear, noise and other mechanical design flaws. The low gear, wear resistance, high reliability, light weight, good insulation performance, compact and reasonable structure and other characteristics, can reduce the labor intensity of workers and long time use.

(2) the pressing force is adjustable seam sewing: in different time, adjust the pressing force, in order to improve the work efficiency, prolong the service life of the parts.

(3) automatic shear line: in the gap at the end without the need for manual cutting line, only the tail line into the line can be.

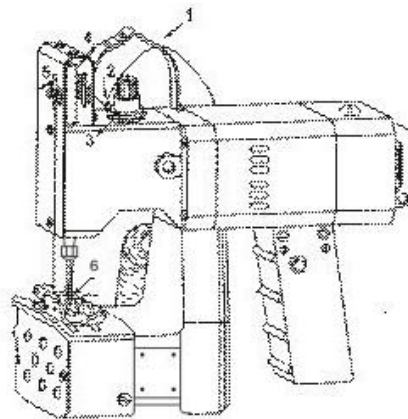
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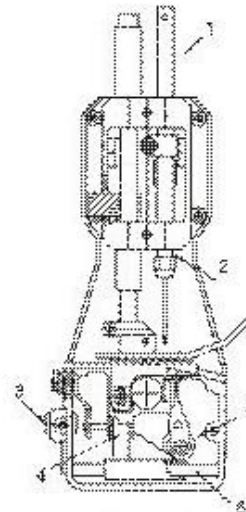
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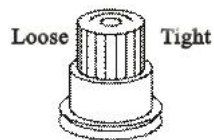
The steps of threading is according to the threading order of below picture



Put on steam once per turn according to the arrows



5. The pressing force of tightening



Too loose

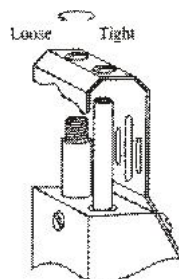
Correct

Too tight

Pressing wheel adjustment: turn the pressure screw, clockwise for tight, inverse is loose.

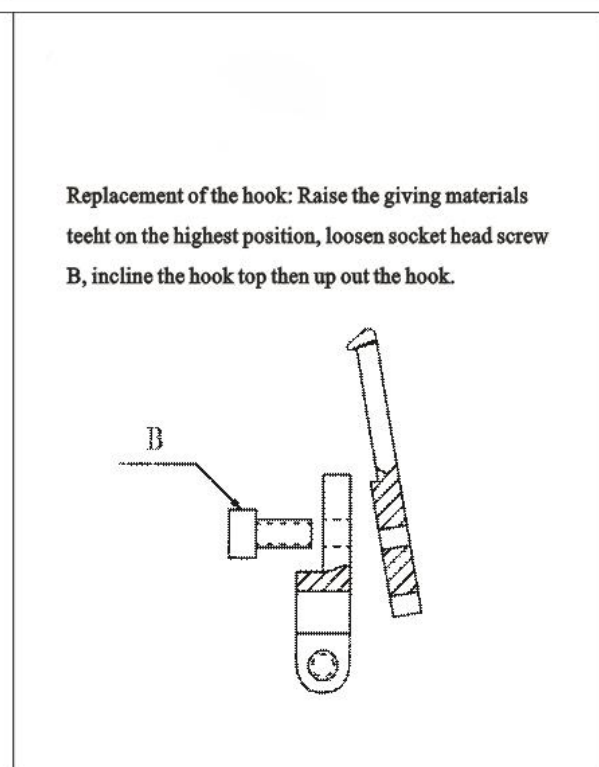
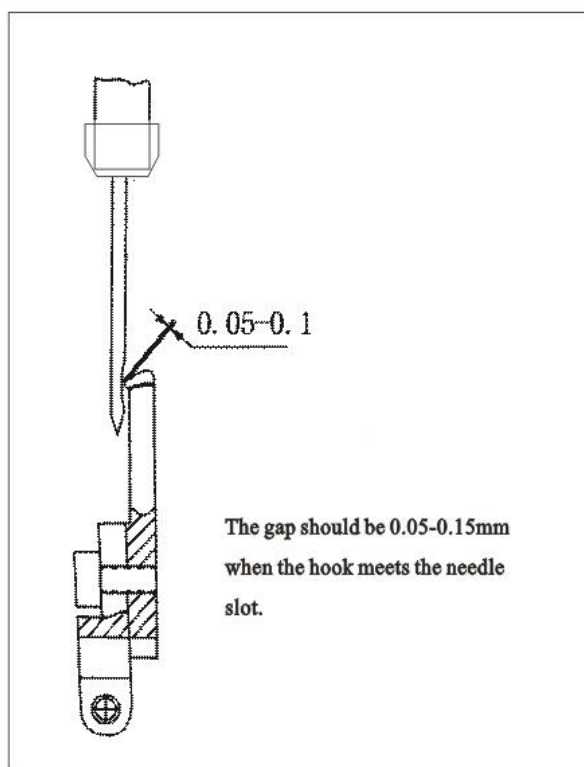
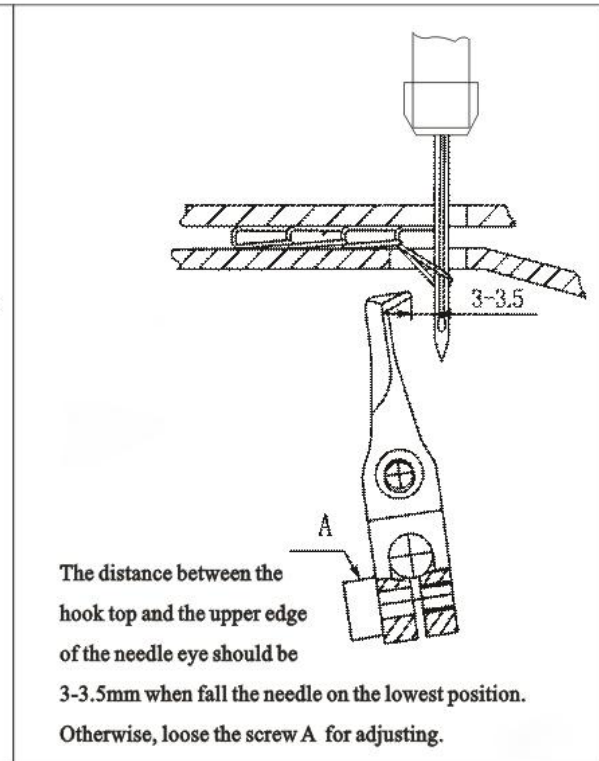
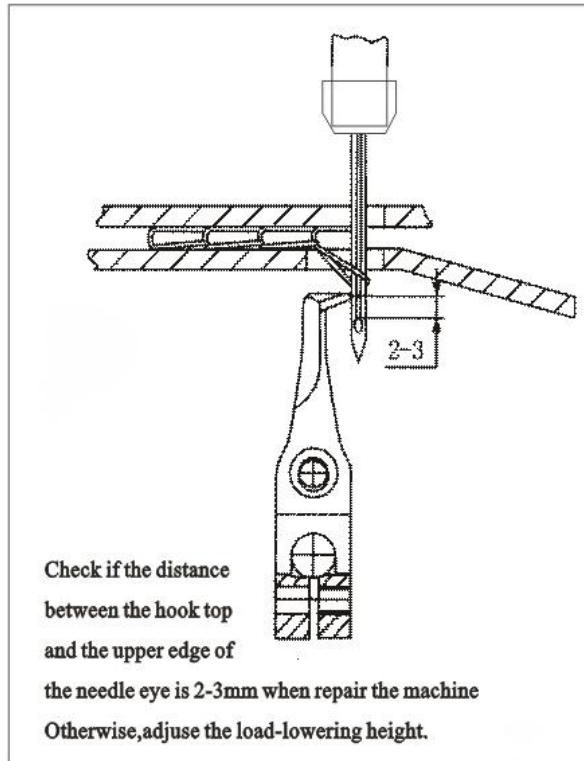


Needle exchange: the needle rises to the highest position, pull out the needle exchange process, The needle tail screw tight screw end face alignment, and the needle groove gap plane In parallel with a plane, and then tighten the screw.



Pressure adjustment: clockwise rotation adjustment screw clamping force increases, inverse time money loss, in does not affect the Under the premise of feeding effect reducing the rotating clamping force to the motor load and the wear of machine parts.

6. Adjustment of correct position of the needle and hook



7. The general approach of fault

Kinds of malfunction	Appearances of malfunction	Causes of malfunction	The treatment methods
Needle broken	Needle breaks when sewing thick materials	Collide with the hook because of the needlepoint prick inclined or be bended	Stop using and replace broken needle
	The needle collides with the presser foot or the hook	The press guide holder or the presser foot or the hook screw is loose.	Check it then tighten up the screw
Shortage of stitches	The needle doesn't prick to the thread loop of the hook	The action of the needle falling lags relatively because the needle position is too high	Contrast the Instructions to adjust
	The hook doesn't catch the thread	The gap is too big between the plane of the needle and the hook.	Contrast the Instructions to adjust
		The action of hook lags relatively because the needle position is too high	
	Occasionally occur the shortage of stitches when sew the thicker materials quickly	The plane of the needle gap is inclined	Parallel the plane of the needle to the hook
		The sewing tension is unequally so that the thread is tight and loose intermittently	Replace the high-quality thread
Thread broken	The thread end is peeled filiform	The needle eye/slot is rough	Replace the new needle
	The broken thread end is very rough	The needle plate hole and the surface of the hook top is rough	Use gauze to polish
	The broken thread end looks like being cutted	The needle eye is rough and the presser foot is too tight	Use gauze to polish
		The picking thread implement is too high	
Others	Feeding the materials doesn't smooth	The surface of presser foot is rough, the giving materials teeth aren't sharp and the height of the giving materials teeth aren't high enough	Replace the presser foot and the giving materials teeth, and raise the height of the teeth
	Out of the end doesn't smooth	The contact surface between the giving materials teeth and the presser foot is rough	Adjust the surface of the presser foot
The electric motor	The electric motor does not rotate	Check if the carbon brush wears away	Replace the new carbon brush
	The electric motor does not rotate or rotates too quick	Switch contacts badly and rectifier tube is burned out	Replace the new switch and the new rectifier tube

8. Part name and number of the control diagram

Parts No .	Denomination	Parts No .	Denomination	Parts No .	Denomination
A001	Machine case	A032	Parallel axis	A063	Carbon brush cover
A002	Motor	A033	Presser foot bottom	A064	Power cord
A003	Rotor	A034	Needle pole joint	A065	Tool holder shaft sleeve
A004	Disk slot belt sheave	A035	Chain joint pin	A066	230# needle
A005	Needle plate	A036	Clip	A067	Roller ball swing seat
A006	Big connecting	A037	Needle pose sleeve	A068	Clamp ring
A007	Plate	A038	Pressure rod upside sleeve	A069	Cylindrical pin $\Phi 2$
A008	Carrying pole	A039	pressur rod underside sleeve	A070	Electric socket
A009	Carrying pole axis	A040	pressur rod underside sleeve	A071	Cam semi-cycle pin
A010	Small plate	A041	Pressure rod	A072	Disc pulley semi-cycle pin
A011	Enclosed plate	A042	Pressure rod spring	A073	Manual blade
A012	Presser foot wrench	A043	Presser foot spring screw	M001	Nut m6
A013	Barouleur	A044	Presser foot wrench screw	M002	Left tooth screw M6x18
A014	Handwheel cage	A045	Presser thread guide	M003	Nut M5
A015	Belt sheave	A046	Chain joint	M004	Hex screw 5x14
A016	ynchronous belt	A047	Driving blade	M005	Cup-head hexalobular screw M5*9
A017	The threading loop	A048	Tool post axis	M006	Hex Screw 6*6
A018	Pressing thread implement	A049	Tool post spring	M007	Cup head screw M4x6
A019	Giving material teeth	A050	Tool post	M008	Socket head screw M4x16
A020	Feed base	A051	Fixed blade	M009	Socket head screw M3x10
A021	Mail axis	A052	Hook axis sleeve	M010	Cup-head hexalobular screw M4*8
A022	Cam	A053	Crochet hook axial sleeve	M011	Countersunk-head screw M4*5
A023	Hook	A054	Crank roller	M012	Cup-head screw M3*4
A024	Latch needle frame	A055	Hook crank	M013	Cup-head hexalobular screw M4*6
A025	Bearing $\Phi 30 \times 10 \times 9$	A056	Wire nail	M014	Socket head screw M4*75
A026	Hook guide axis	A057	Wire nail cap	M015	Socket head screw M4*20
A027	Mail axis cushion	A058	Feedbase bearing $\Phi 16 \times \Phi 8 \times 8$	M016	Socket head screw M4*15
A028	Main case cover	A059	Switch	M017	Hexalobular thread nail 5*16
A029	Slipper	A060	Switch button	M018	Countersunk-head screw 5*5
A030	Needle pole	A061	Switch shield	M019	Self-tapping screw 4*10
A031	Handwheel	A062	Carbon brush	M020	Needle plate screw

