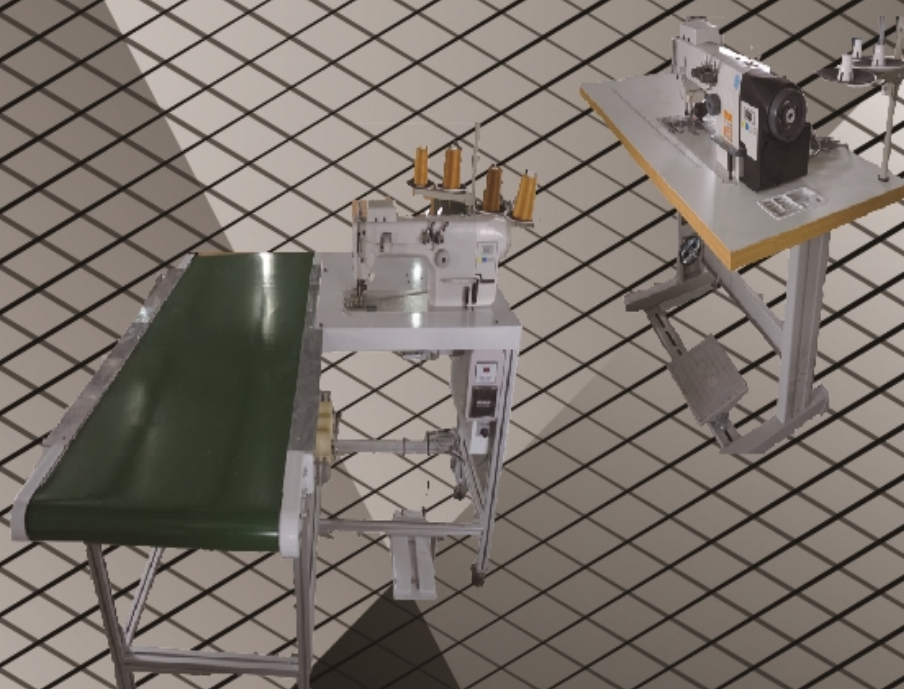




MTEK

Multi-Function Silicon Edge Sewing Machine

Operation Manual



Model: MT-K01-2PL

MT-KC01-2PL

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Chapter 1. Introduction

MTEK **Multi-function Silicon Edge Sewing Machine** series is a special machine for finishing all banners and signs or sew digital textiles with silicon edge graphics, Velcro, and hem. It reduces production time and increase output.

Our machine is reasonable structure and user friendly. Operators achieve consistent and high-quality flat seams alignment without ruffling. Durable electrical and mechanical designs are safe and reliable. Let us bring your textile finishing to next level.

Chapter 2. Safety Measures

Before the operation, please read the safety instruction and understand the primary structure, function and operation method of the machine.

I. Before operation

1. Make sure power supply at your working place the same as the machine rating, and connect the machine to ground. Distinguish between single phase or three phases.
2. Fill up the engine oil which come along with the machine packing to the oil tank.
3. Switch on the power and run about 30 minutes in low speed.
4. Drop some silicon oil into the plastic small case located in front of the machine that act as lubricator to threads.
5. Use hand reel to lower down the needle bar. Check the needle bar working on track and motor in right condition after power on.

II. During operation

- 1 Operators must put fingers away from needle bar when sewing in progress.
- 2 Power must switch off when tilt up machine head, or remove V-shape rubber belt.
- 3 Keep the working area clean. Make sure fingers, hair, and stuffs away from V-shape rubber belt, needle bar and motor.

Chapter 3. Technical Specifications

1	MODEL	MT-K01-2PL (Simple)	MT-KC01-2PL (With Conveyor)
2	Table Size	120x50CM	55x50CM/150x88CM
3	Motor Speed	150-4000rpm	150-4000rpm
4	Power	550W	550W
5	Voltage	220V/110V	220V/110V
6	Weight	38KG	80KG
7	Packing	67x30x55CM	150x145x80CM

Chapter 4. Functions

Multi-function Silicon Edge Sewing Machine

MT-K01-2PL

- Simple version.
- Wooden working table with spray paint finishing.
- 3mm iron frame and 40x40mm aluminum frame as options.
- Easy assembly.
- Compact machine size suitable for limited working space.
- Adjustable sewing speed for various needs.
- Adjustable silicon tape channel to fit for 10mm to 25mm.
- Metal roller and plastic roller as options.

MT-KC01-2PL

- Version with conveyor.
- Working table, conveyor and silicon tape feeding rack all-in-one.
- Light 40x40mm aluminum frame.
- Suitable for large format and heavy textiles.
- Adjustable sewing speed for various needs.
- Adjustable silicon tape channel to fit for 10mm to 25mm.
- Conveyor synced with sewing machine for accurate and precise flow.
- Metal roller and plastic roller as options.

Various Silicon Tape

Silicon tape feeding channel is adjustable that fits most common silicon tape sizes in the market such as 3mm*10mm/12mm/14mm/15mm etc.

Velcro

There is silicon edge sewing machine in the market that only has unique function which limits sign finishing applications. Our machine is also suitable for sewing Velcro without changing roller or needle bar. It broadens the application to Velcro POP UP display.

Hem & Pockets

Banners and flags are widely used in sign industry. Hem and pockets making are required in many applications. The special design of our machine makes seaming smoothness without wrinkles.

Chapter 5. Advantages

1. Simple Operation

- Plug and play, labor cost saving.
- No special training is required for the operators.

2. Automatic Feeding

- Fixed channel for silicon tape to make sure straight alignment.
- Feed silicon tape and fabrics at the same time.



3. Automatic Output

- Finishing comes out automatically, no manual assist is required.

4. Steps on the Same Line

- Feeding, knitting and output are proceed on the same line that makes finishing straight and flat.



5. Double Stitches

- Strong, durable and nice appearance.
- No overlock required.



6. No Conventional Bobbin

- Thread roll only, no conventional bobbin required.
- Efficient workflow by continue knitting without replacing bobbin time by time.



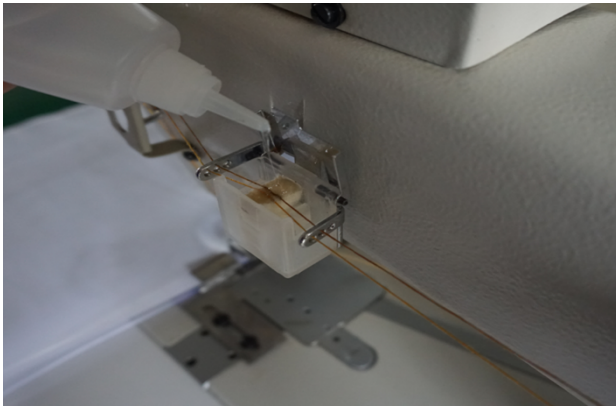
7. Special Motor

- Servo motor provides max. up to 6000rpm, rather than stepper motor limited to 1500rpm.
- Speedy knitting with stable performance.

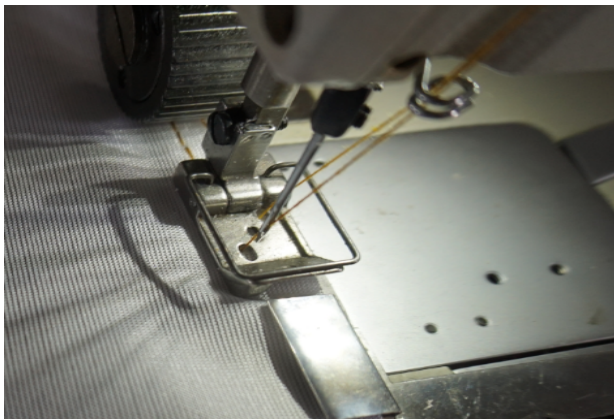


8. Special Structure

- Silicon oil acts as lubricant that prevent thread from broken.
- Small plastic box placed in front of machine head where access and refill oil easily.
- Special mechanical structure minimizes thread and needle broken during long lasting operation.

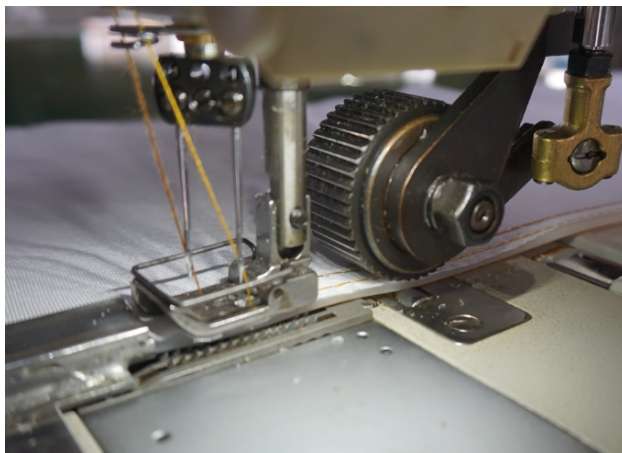


9. LED provides even and clean light source.



10. Multi-function suitable for various applications for silicon tape, Velcro, hem and pockets.

11. Press Roller makes silicon tape without curing.



Chapter 6. Installation and Operations

(Video Available Upon Request)

- 1 Open packing box.
- 2 Take out working table and frame.
- 3 Assemble working table. Fix two horizontal shafts first, and put the table on top of it, and then screw it tight.
- 4 Install pedal and connect to control box.
- 5 Connect power supply to control box.
- 6 Remove plastic bag.
- 7 Take out spare part kit, oil tank and mount shock absorber to oil tank.
- 8 Take out thread rack, assemble and fix on the working table.
- 9 Fix knee control bar.
- 10 Fill up engine oil until reach same level of oil tank base.
- 11 Take out main body. Fix it on working table, and connect to power supply.
- 12 Switch on the machine and run about 30 minutes in low speed.
- 13 Examine the machine running if in right condition. Check the oil indicator in safety level. Observe needles, conveyor and silicon feeding roller in synchronous.
- 14 Wiring threads, feed fabrics and silicon tape, and start to work.

Chapter 7. Warranty

Model:		Serial No.:	
Buyer:		Purchase Date:	
Seller:		Contact Info.:	

Disclaimer

- 1 This form is filled by seller, and is kept by buyer. Amendment is not acceptable.
- 2 The warranty will be offered within one year stating from the date of purchase. When filing each claim, buyer must provide details of problem and serial number with clear pictures or video.
- 3 If the machine has been subjected to improper use, modification and accidental damage, the terms of this warranty will not be applied.

