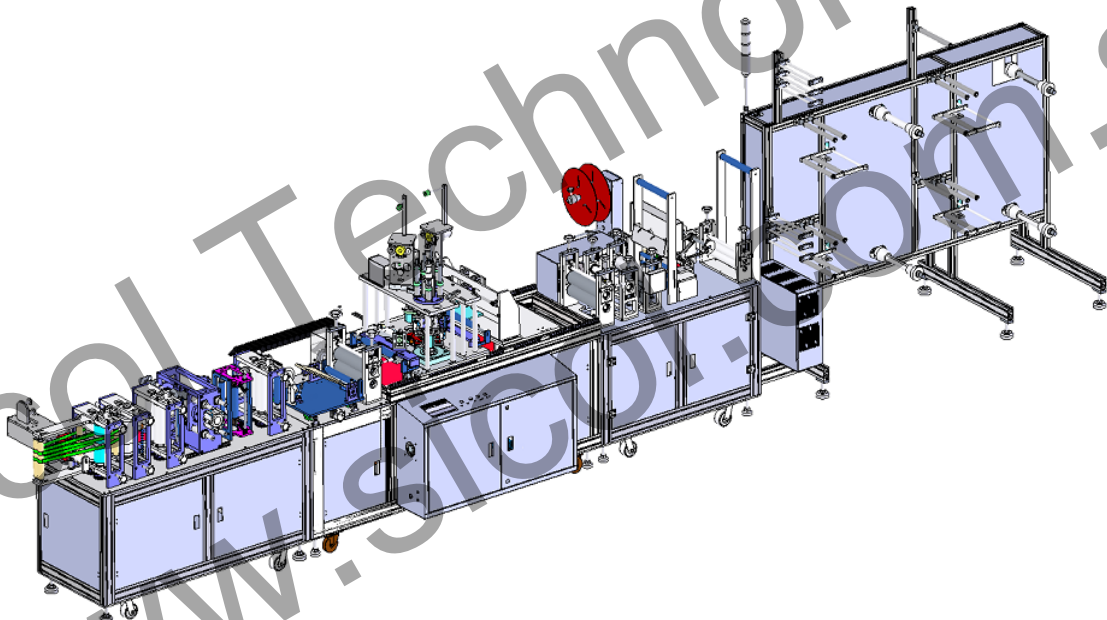

KN95 Mask

Fully Automated Production Line

Instruction Manual (V1.0)

Model: SICOL-PX004



Thank you for the purchase and we would like to seek your attention to use this instruction manual for equipment setup, debugging and troubleshooting purposes.

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2、 Introduction

1. Production Line Overview

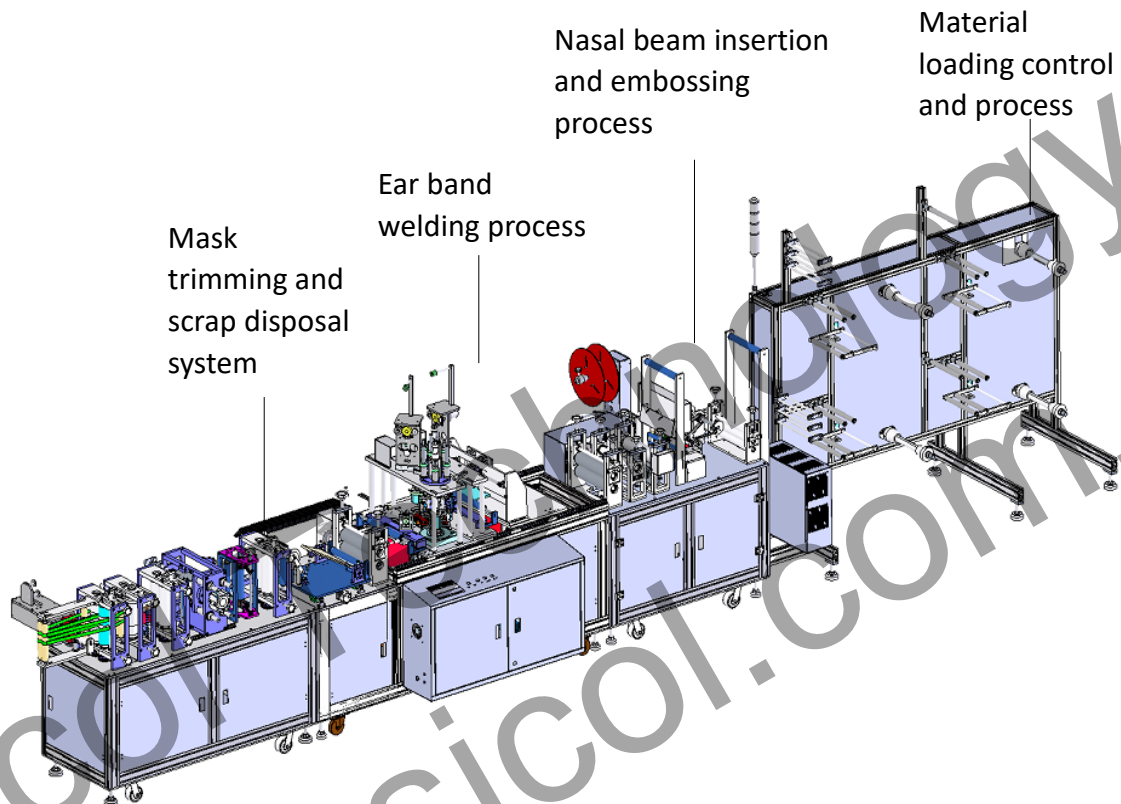
Sicol Technology is pleased to introduce our latest automation - Fully Automated KN95 Face Mask Production Line. Our production line processes consist of mask molding, nose clip insertion, ultrasonic welding, ear band spot welding and last but not least waste disposal control. Our production line is designed and built accordance to NK95 face mask finish product specification which fulfills basic human factor requirement and international guidelines. Our finish product design enables user to wear it at her comfort, hygienic and stylish manner that accommodate well in the medical, electronics, mining, construction and other relevant industries. We committed to deliver the best in class production line to produce KN95 face mask with the highest production output and best quality.

Our production line is segregated into different sections which are the material loading control, nose clip insertion, embossing and ear band welding, mask trimming and the waste disposal system. Altogether they can be dismantled into 4 main sections and ship or transport out both locally and oversea easily.

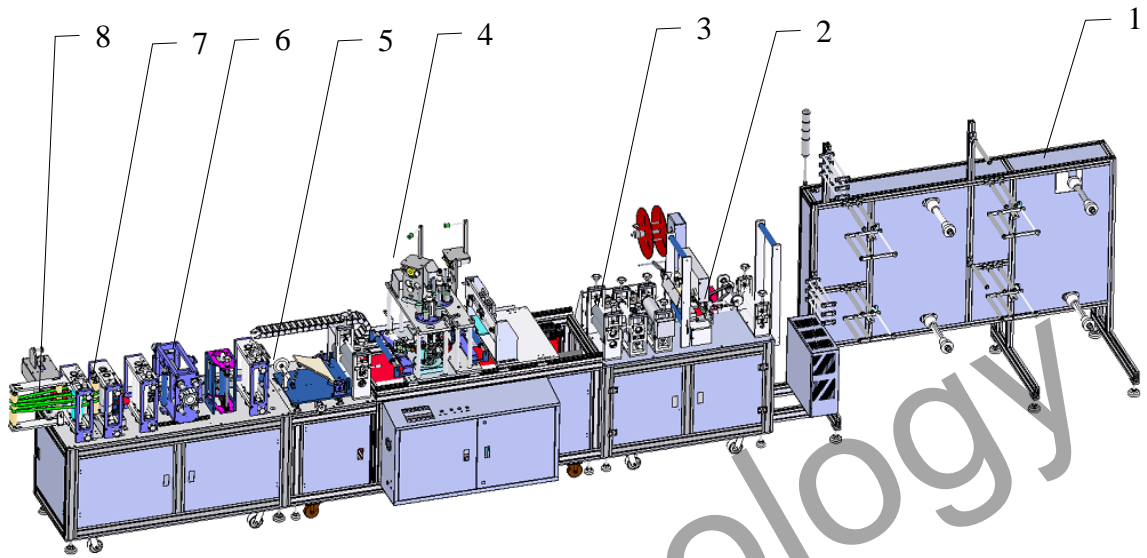
1. Suitable of producing KN95 face mask
2. Our production line is an independent and capable of producing quality face mask that can be used for surgical medical purposes

-
3. Our production line is capable of producing mask different size and design by replacing the integrated melting roller molds.

4. Production line flow diagram



3、 Production line and equipment structure



1. Material loading assembly
2. Nose clip insertion assembly
3. Embossing mechanism
4. Ear band welding mechanism
5. Folding mechanism
6. Folding welding mechanism
7. Roller trimming mechanism
8. Roller feeding mechanism

4、 Technical Specification and Parameters

1. Productivity Output : 30~35ppm
2. Overall Production Line footprint : 8000(L)*1400(W)*2000mm(H)
3. Enteral Color : Grey/White unless otherwise specify
4. Overall Weight : 2200kg
5. Power Requirement : 220VAC±5%, 50HZ, Power 12KW
6. Operating Air Pressure :0.5 ~ 0.7 Mpa, Capacity usage 300L/min
7. Operating atmospheric requirement: Temperature 10 ~35°C, Humidity 5-35%HR, non-flammable and no toxic gas, control room environment (100k class)

Contact Us

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Sicol Technology reserves the right to amend this manual without prior notice. if you have inquiries, please contact us. Suggestion for improvement is welcome。