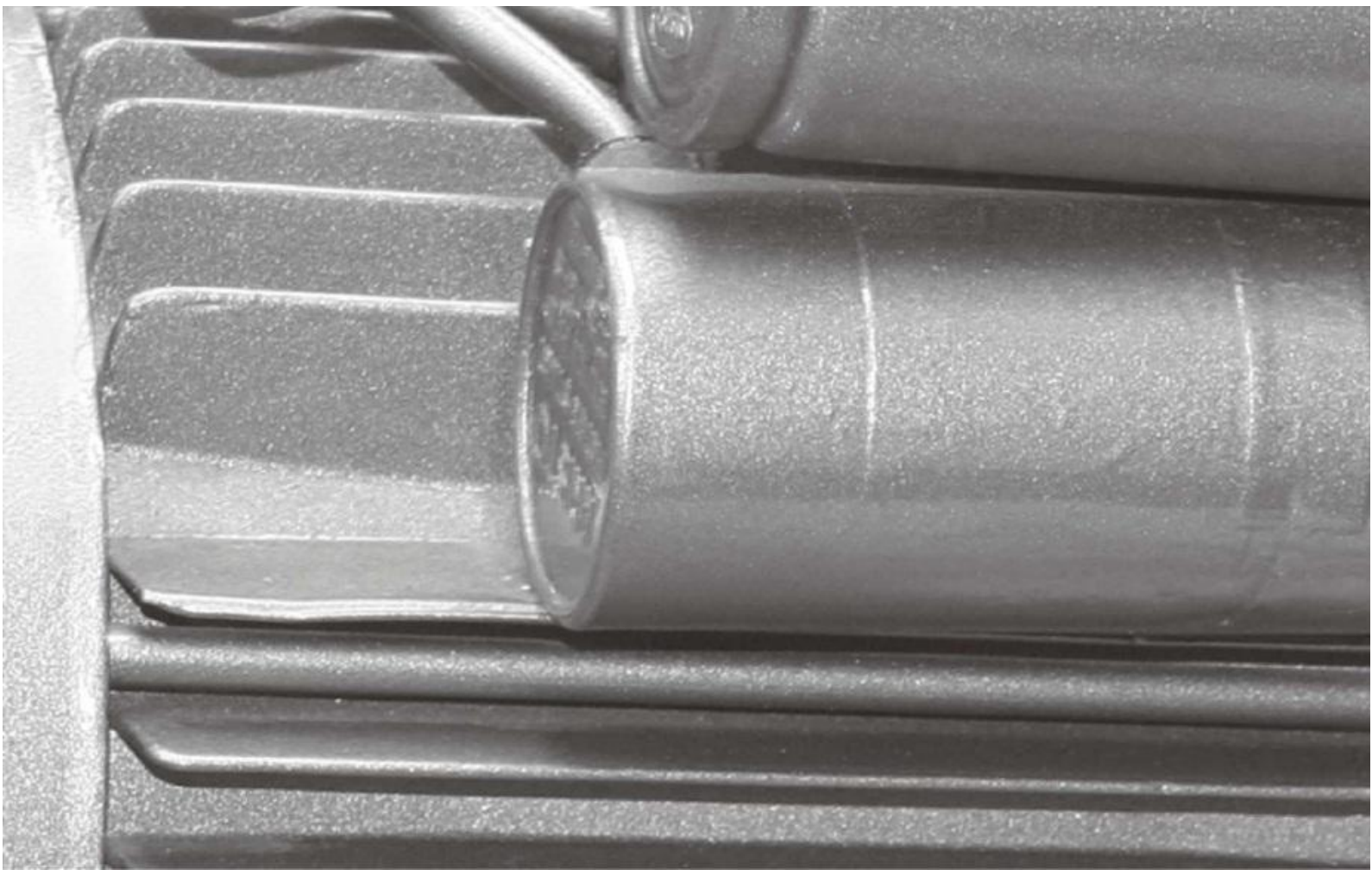


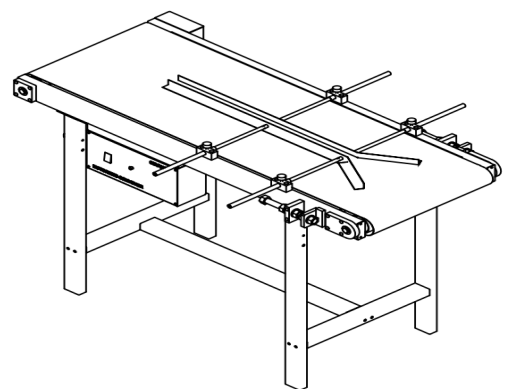


AN ISO 9001:2015 CERTIFIED COMPANY

USER MANUAL

Motorized Belt Conveyor

MC40120MB



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1. FOREWORD

Thank you for choosing Sevana. You now belong to the Sevana family of over one million satisfied customers across the world. We are confident that you will have many years of complete satisfaction from this Sevana product.

We want you to derive maximum value from Sevana's reliable service and support infrastructure in India. We maintain Sevana's service mission of working continuously to provide customers with highest level of service, thereby ensuring mutually successful long term business association.

You can contact us through

Toll Free	:	18004250780	
Email	:	customercare@sevana.com	
Phone	:	+91-484-2680780	Monday to Saturday
Mobile	:	+91-9388180781	8.30 am – 5.00pm IST

We value your partnership

Yours sincerely

For Sevana Electrical Appliances Pvt. Ltd.

Manager in charge, Customer support

While contacting the support centre kindly provide the following information for a speedier support and service.

- i. Model
- ii. Serial no.
- iii. The nature of problem

2. HOW TO USE THIS MANUAL

- ❖ Please read this manual carefully before installing and commissioning the machine.
- ❖ Please keep a copy of this manual for reference near the machine.

The information in this document is believed to be accurate and reliable. However, Sevana Electrical Appliances Pvt Ltd, cannot accept any financial or other responsibilities that may result from the use of this information. No warranties are granted or extended by this document.

Sevana Electrical Appliances reserves the right to change any or all information contained herein without prior written notice. Revisions may be issued at the time of such changes and/or deletions.

3. SAFETY PRECAUTIONS

❖ Introduction

Machines of Sevana have been designed to provide extremely safe and dependable operation when properly used. Safety precautions must be observed during normal operation and when servicing the machines of Sevana.

- ✧ Never try to overload the machine beyond 10 kgs
- ✧ Do not start the machine before fixing the leg connector. The machine is shipped after dismantling the legs
- ✧ Do not plug the machine to any 2 pin socket or ungrounded 3pin socket.
- ✧ If the plug has to be changed, follow the colour code ,

Red - Phase

Black - Neutral

Green/Grey - Earth

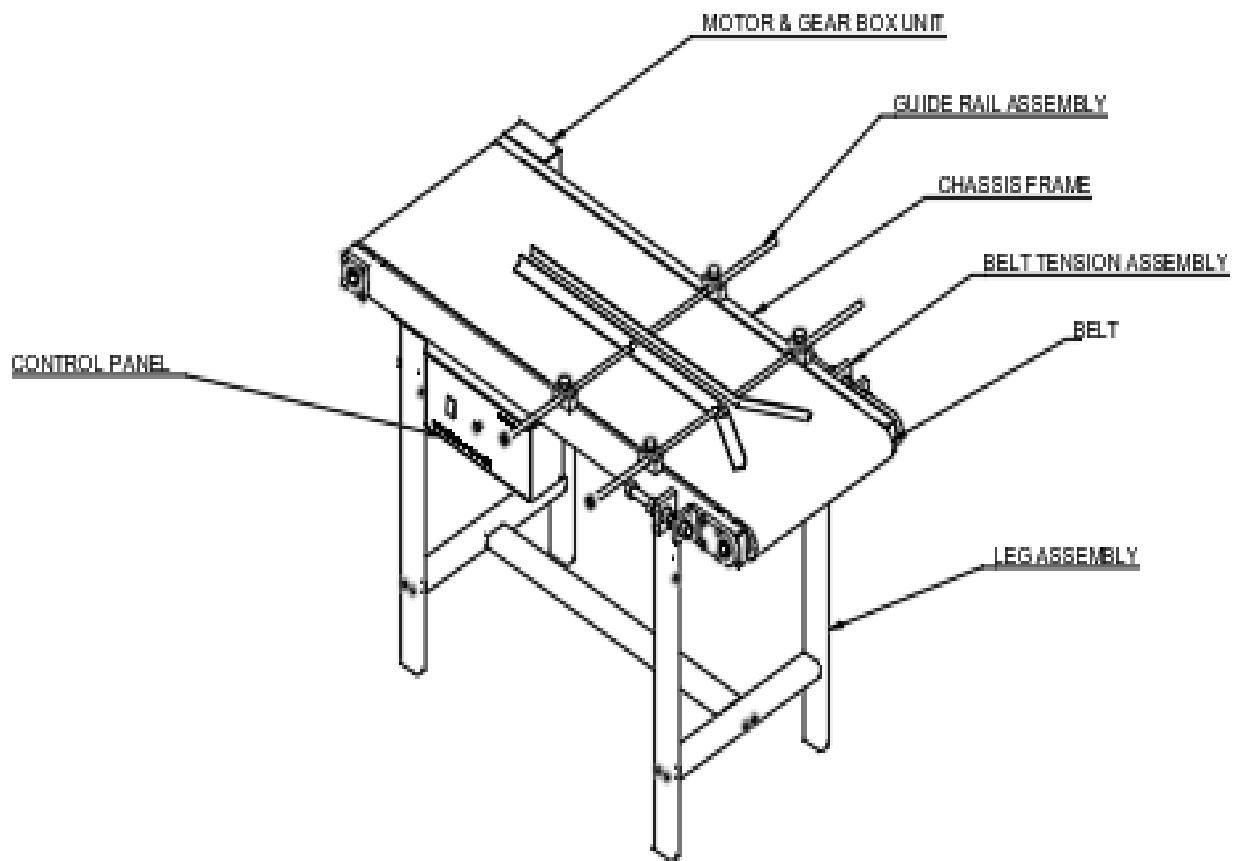
- ✧ Remove all the packaging from the belt. Wipe with a dry cloth.
- ✧ If the machine is used continuously; give a short pause after 8 hours.
- ✧ Remove products from the belt before switch off of the machine

❖ Warning

A warning describes safety hazards or unsafe practices which could result in personal injury or loss of life. A warning message is accompanied by a symbol as described in the following paragraphs and is also surrounded by a box to attract your attention.

	Open the control cabin of the machine only after isolating the power supply
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4. PRODUCT DESCRIPTION



5. PACKING SLIP

Item	Qty
User manual	1
Warranty card	1
M6 Allen Key	1
Double end spanner 22-23	2

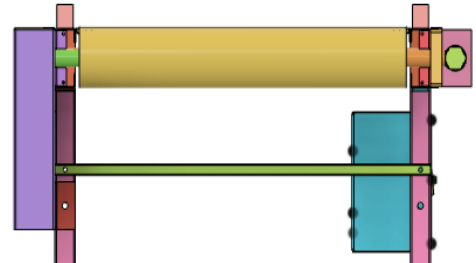
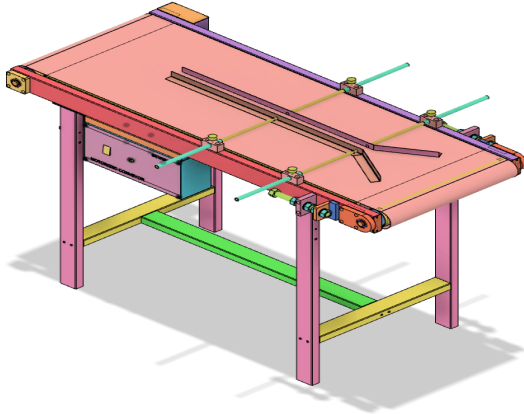
6. UNPACKING

- ❖ The machine is shipped well packed in wooden box
- ❖ Place the packet with the “top” marked to the top
- ❖ Remove the top cover and cross supports
- ❖ The legs and associated parts should be taken out first
- ❖ Take out the main conveyor assembly and place outside as packed in the box
- ❖ Inspect for any transit damages. If any damages are found, notify the dealer or company immediately.

Tools required to unpack
● Pry bar/Crowbar ● Claw hammer

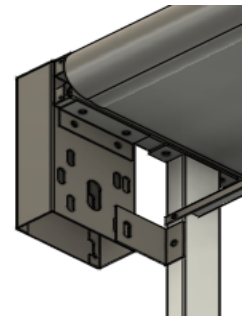
7. INSTALLATION

- Fit the leg assemblies on respective sides.
- Firstly, fix the legs near the gearbox side, the leg adjacent to the gearbox have 2 additional holes :one for stiffener fixing & other for fixing wire routing support.
- The leg opposite to the gearbox have one additional hole extra for fixing wire routing support.



Wire routing support fixing

- Connect the legs with the leg connector
- Fix the gearbox stiffener to the adjacent leg
- Fix the wire routing support to the adjacent legs
- Fix the Guide rail support blocks at the top
- Assemble the guide pipes and Guide rails with the fasteners provided
- Fix the guide rails on both sides of the conveyor
- Plug in the power input to single phase socket
- Switch on the power button
- Set the required speed with the knob provided on control panel
- Shutdown process: switch off the Power button

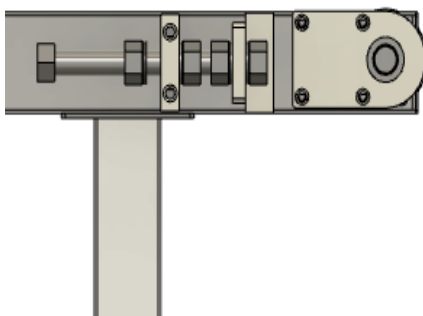


Gearbox stiffener fixing

NB : Guide rail assembly is given as extra accessory on requirement

8. Belt tension mechanism

The tensioning of the belt is done with two M14 hex bolts and a pair of nuts and washers. It can be adjusted equally with a double end spanner of size 22 mm. Both sides should be equally adjusted when needed.





9.MAINTENANCE

CAUTION : Remove mains cord before maintenance



Clean the machine daily after usage.



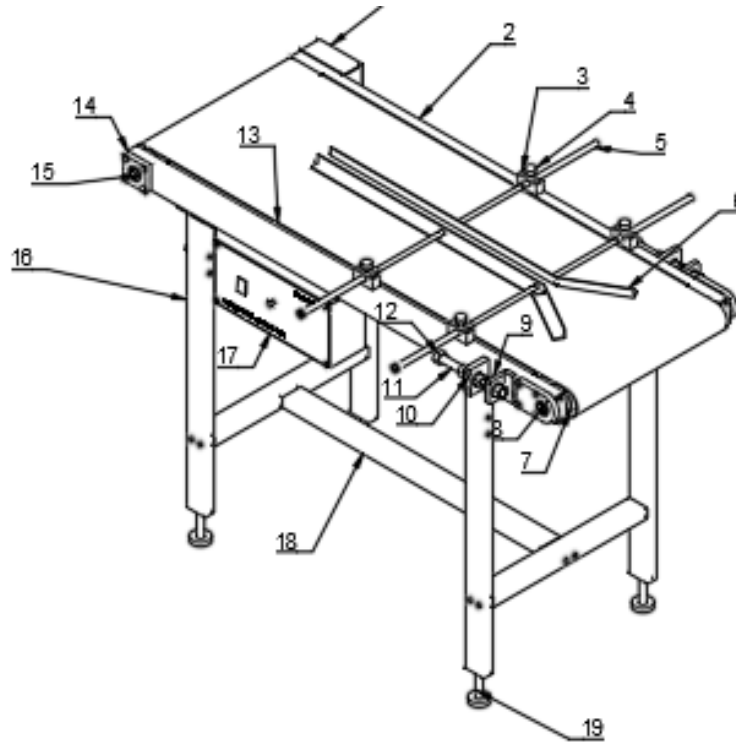
Clean the belt to remove any adhesive deposited on it.



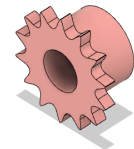
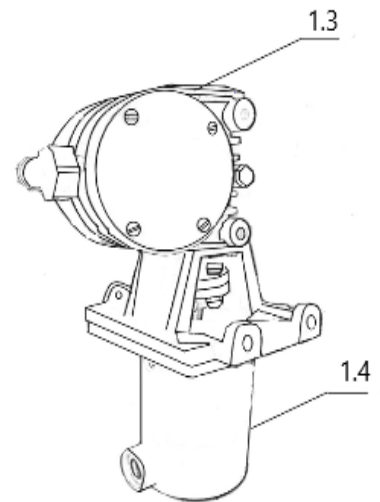
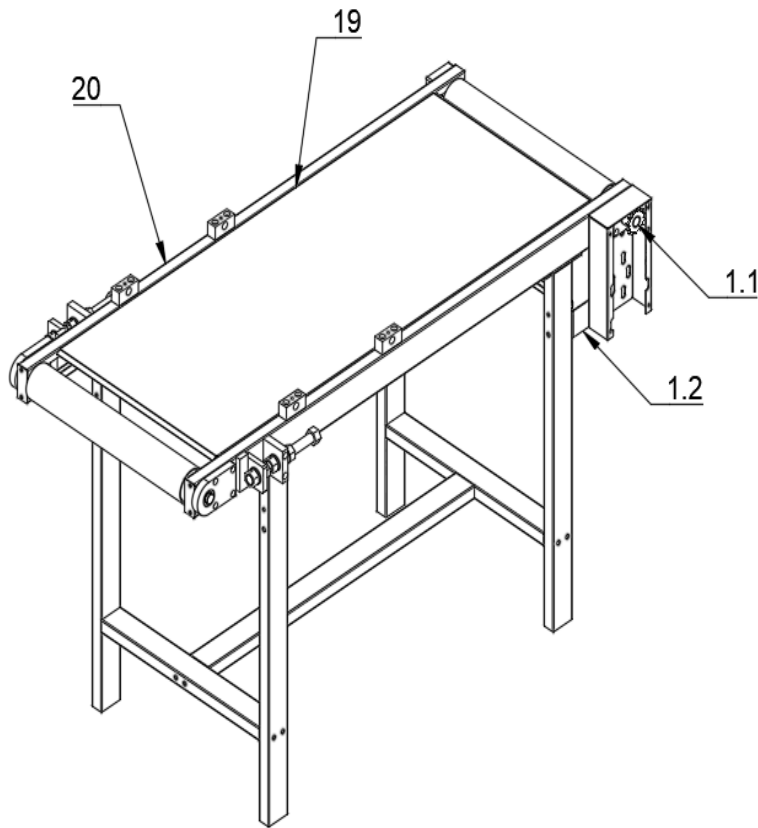
The machine is an economical model and needs to be given breaks after continuous 8 hours of operation.

Proper greasing should be done for the roller chain inside motor mounting plate

10. LIST OF PARTS

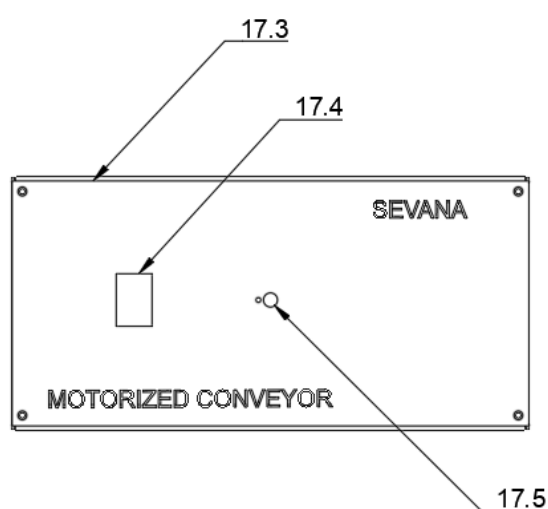
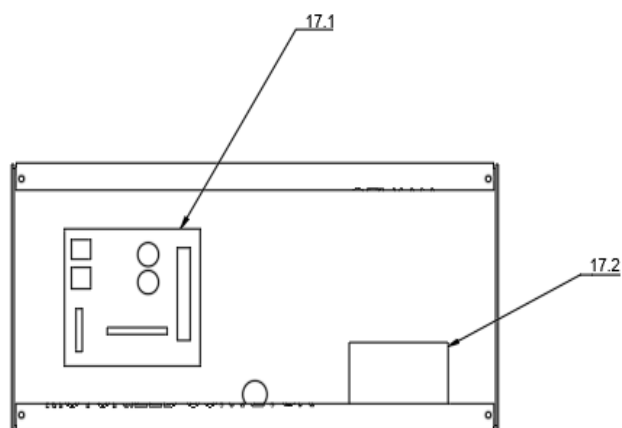


No.	Item Description	Item code
1	GEAR BOX MOUNTING PLATE	1060792
2	CHASSIS FRAME RIGHT	1060787
3	GUIDE RAIL SUPPORT BLOCK	1060802
4	KNOB FOR GUIDE RAIL	1060817
5	GUIDE PIPE SUPPORT	1060803
6	GUIDE RAIL RHS	1060806
7	IDLER ROLLER ASSEMBLY	1060791
8	BEARING BLOCK 60 X 100	1060788
9	TENSION PLATE ASSEMBLY	1060812
10	TENSION BLOCK	1060794
11	M14 HEX BOLT	1060813
12	M14 HEX NUT	1060814
13	CONVEYOR BELT	1060781
14	BEARING BLOCK 60 X 60	1060789
15	DRIVE SHAFT ASSEMBLY	1060793
16	VERTICAL LEG ASSEMBLY	1060799
17	CONTROL CABIN	1060797
18	LEG CONNECTOR	1060811
19	LEVELLING SCREW M12 X100	1038009



1.5 MOTOR END SPROCKET

No.	Item Description	Item code
1.1	DRIVE END SPROCKET	1060816
1.2	GEARBOX STIFFENER	1060808
1.3	GEARBOX FOR DC MOTOR	1023868
1.4	CONVEYOR MOTOR 2300 RPM /60W	1030049
1.5	MOTOR END SPROCKET ROT/DSTV	1011238
19	BELT SUPPORT PLATE	1060795
20	CHASSIS FRAME LEFT	1060786



No.	Item Description	Item code
17.1	CONVEYOR DRIVER PCBA	1060504
17.2	POWER TRANSFORMER	1060501
17.3	CONTROL CABIN LID	1060798
17.4	ROCKER SWITCH RED	1023199
17.5	POTENTIOMETER KNOB	1051028 & 1060503

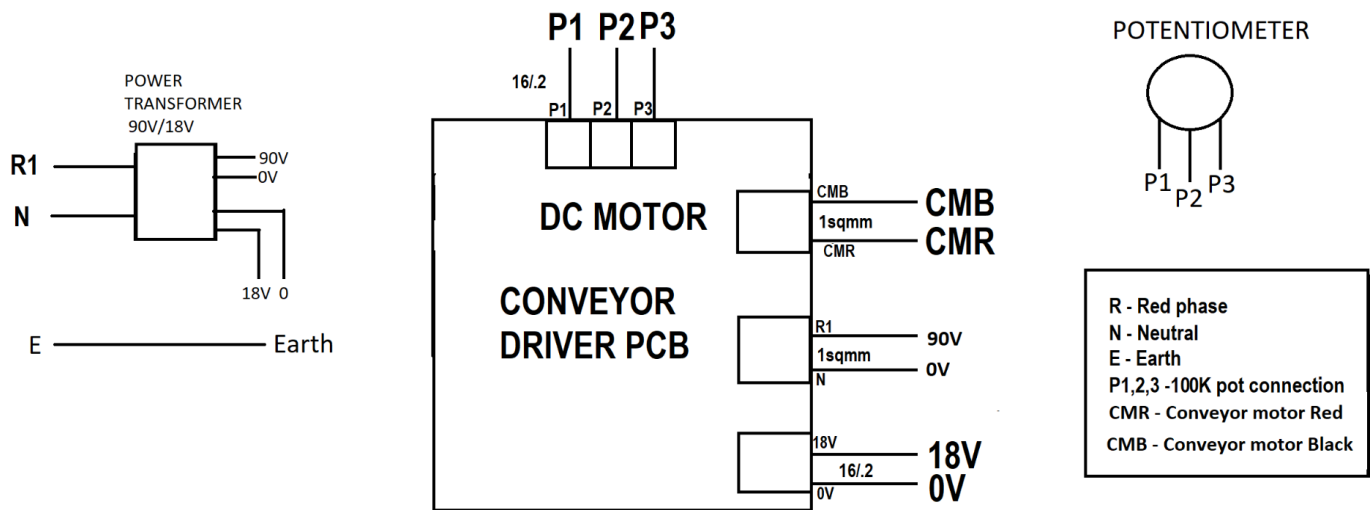
11. STARTING THE MACHINE

- ❖ Switch on the supply
- ❖ Adjust the speed and other parameters
- ❖ Select the required speed by rotating the knob
- ❖ Keep the product in the belt and adjust the guide rails if needed.

12. TECHNICAL SPECIFICATIONS

Model	MC 40120 MB
Machine dimensions(LxWxH)(mm)	1170*560*820
Belt dimensions(LxW)(mm)	400*2390
Belt thickness	2mm
Power supply(1P)	240V/50Hz
Power	60 watts

13. ELECTRIC SCHEMATIC



14.TROUBLESHOOTING

No.	Complaint	Reasons	Remedy
1	The machine does not work at the switch-on position.	1. No AC supply 2. Power switch failure 3. Mains cord failure 4. defective fuse 5. Defective PCB 6. Carbon brush damage	1. Restore AC supply 2. Replace the switch. 3. Replace mains cord. 4. Replace the Fuse 5. Replace the Defective 6. Use new carbon brush
2	Motor speed is not controllable	1. Defective PCB 2. Defective potentiometer	1. Replace the Defective 2. Replace the Defective
3	Belt slides to one side	1. Alignment problem	1. Align both sides of the conveyor equally
4	Too much noise during operation	1. Lubrication deficiency	1. Lubricate the chain and sprocket

15. SERVICE LOG

[illegible]