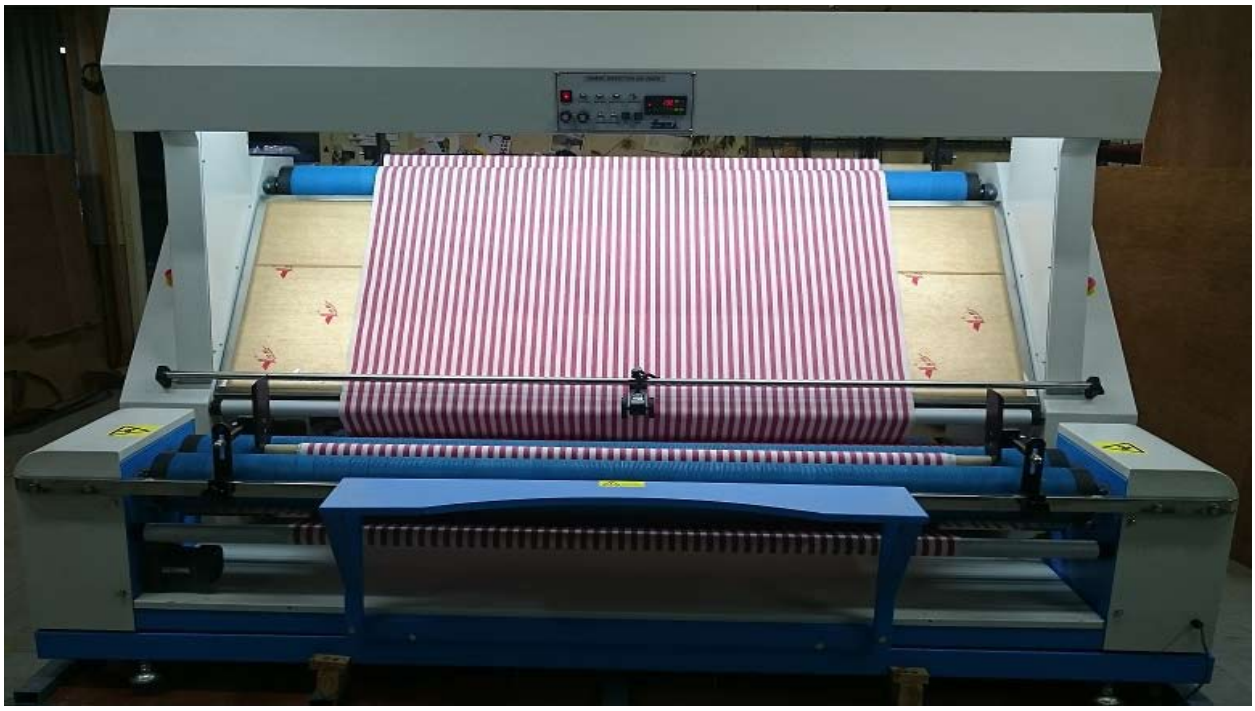
MANUAL
Fabric Inspection Machine
CMI-210ZR



Svegea of Sweden AB Junogatan 5
SE-451 42 Uddevalla Sweden
Tel:+46 522 36800 Fax:+46 522 33399

Dear customer,

Thank you for choosing a product from Svegea of Sweden.
Please note that Installation, operation and maintenance should be carried out by trained personal.
Please take the time to read these instructions carefully and in advance. If you follow all the instructions, you will save yourself much time.

It is also essential to read the instruction manual because incorrect use of the equippment can damage the machine itself, other parts of the system and give personal injuries.

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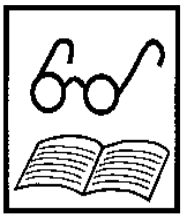
Contents

Safety & Cautions

Keep hands away from shafts and rollers at all time.

This machine only to be operated by authorized and trained personal.

Never operate this machine with any guards removed.



Maintenance/service only by authorized personal.
Before performing - disconnect from the mains.

Maintenancr/service **inside** the machine only by authorized personal.
Before performing - disconnect from the mains and wait **two minutes** for the intermediate circuit capacitors to discharge in the frequence inverters.

Technical Data

Maximum Operation width	2100 mm
Maximum roll diameter	500 mm
Machine speed	Inf. variable, electronic
Edge Alignment Device	
Electronic Meter/Yard counter	
Motor power	1.5 Kw
Power:	220V, single phase, 50/60Hz
Machine dimensions	2680/1580/1860 mm

Operation function setting

1. Power switch
2. Uper Light
3. Lower Light
4. Spread Roller
5. Auto/Manual
6. Meter Counter
7. Speed control
8. Tension
9. FWR/REV Rear
10. FWR/REV Front
11. Left
12. Right

1. Power supply: 220V, single-phase, 50/60 cycles. Power cord to be connected by an authorized electrisian.
2. Turn on the machine by flipping the power switch (1).
3. Set switch in forward position (9/10).
4. Set potentiometer at a moderate speed (7).
5. When switch (5) in manual position alignment knobs 11 and 12 can be used. When switch (5) in auto position alignment is working width edge sensor.
6. Start and stop machine with foot-switch.
7. The Spread rollers are operated by switch 4.


CN8 METER/YARD COUNTER
OUT1
OUT2
METER
YARD
PS1
PS2
-0.11
8129.99
MD
M/Y
RST
sommy®
Counter


Emergency
stop button
STOP

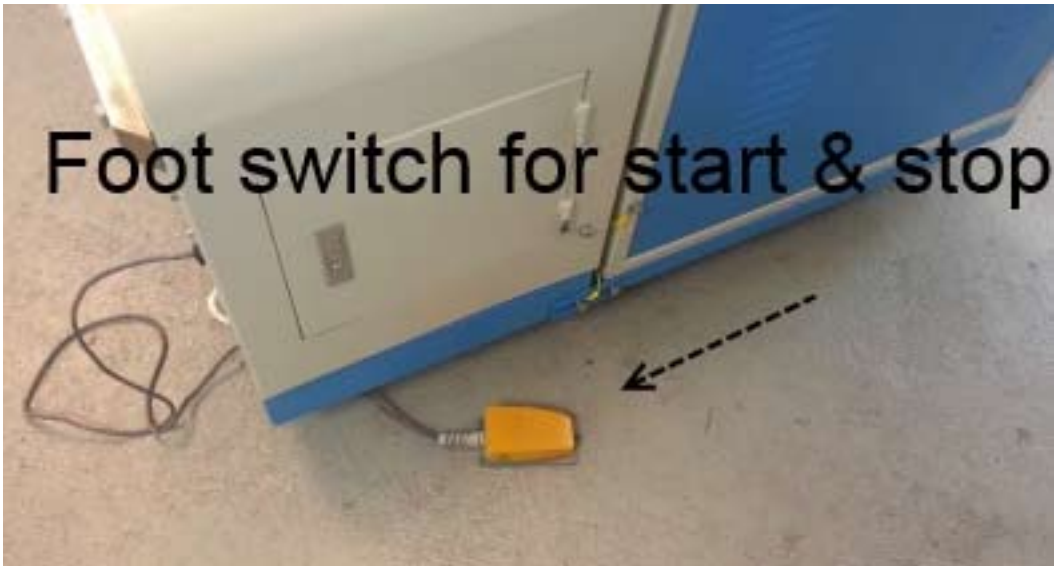
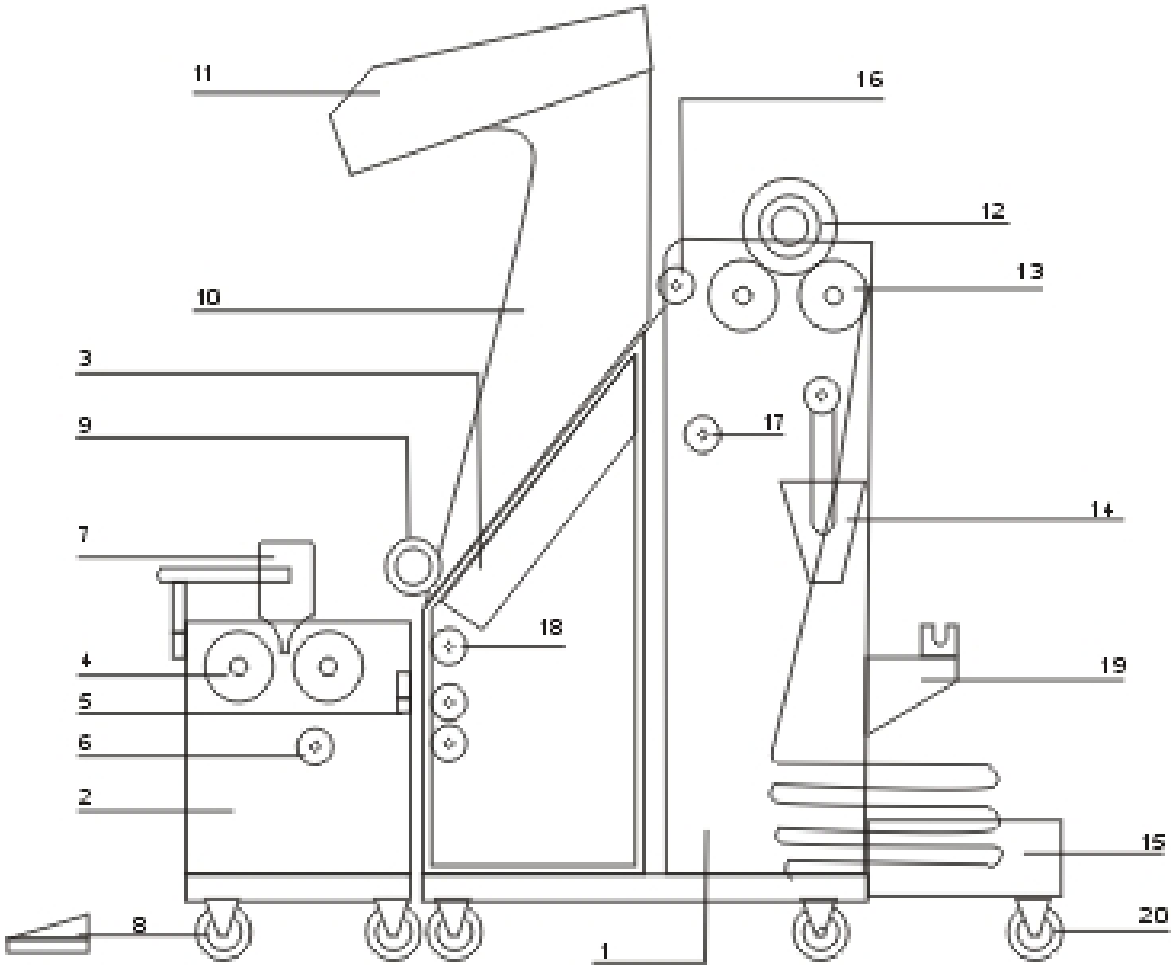
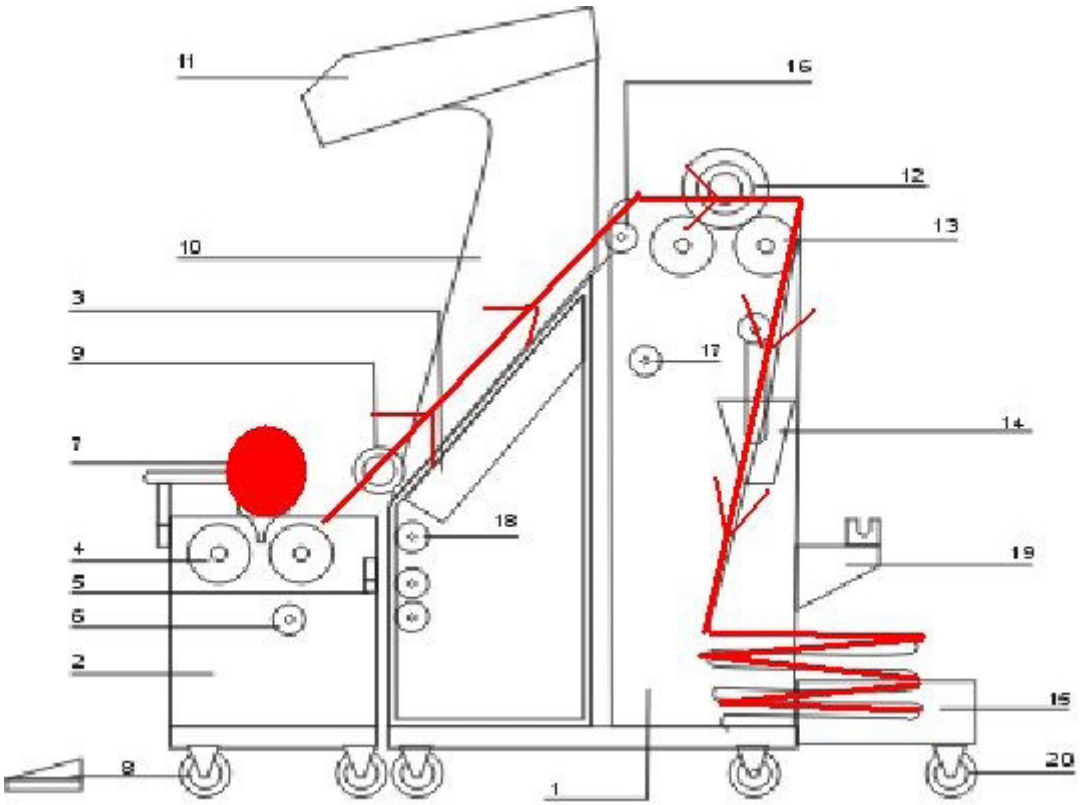
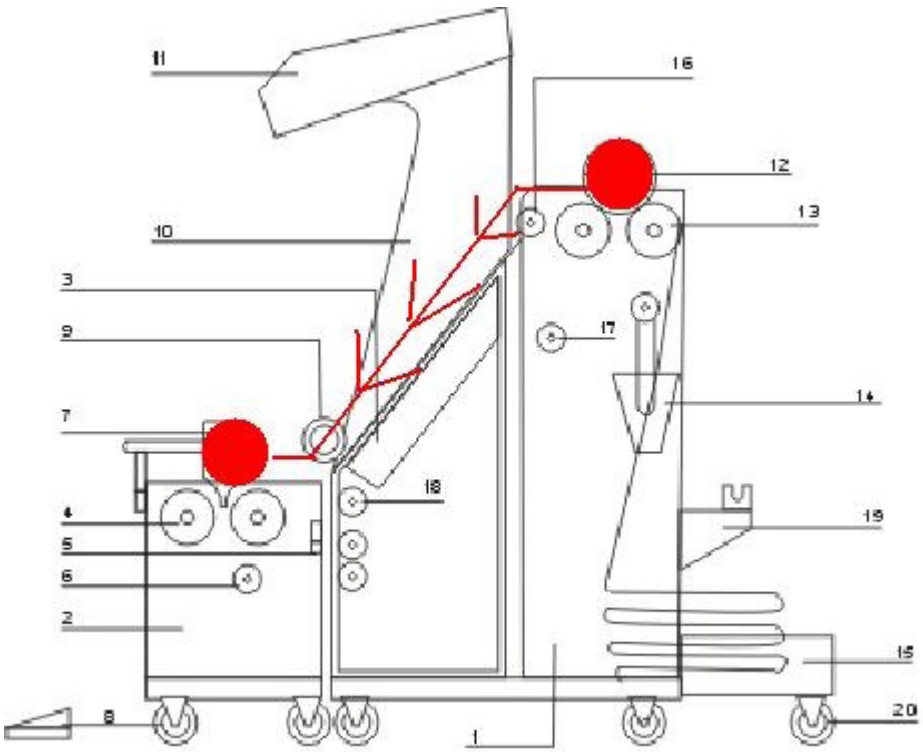

Foot switch for start & stop

Illustration on Mechanical assembly



1.	Machine Frame	11.	Upper Light
2.	Front Roll up unit	12.	Cloth Roll
3.	Light box	13.	Upper cloth Rollers
4.	Front Take up rollers	14.	Swinging Rack/Folder
5.	Alignment control sensor eye	15.	Cloth platform
6.	Moving cloth roller	16.	Cloth Guidance roller
7.	Roll Guide	17.	Transmission shaft
8.	Foot switch	18.	Cloth Guidance roller
9.	Meter/Yard Encoder wheel	19.	(option)
10.	Upper Light bracket	20.	Casters


11
16
12
13
10
3
9
17
7
14
18
4
19
5
6
2
15
8
20
1


11
16
12
10
13
3
9
17
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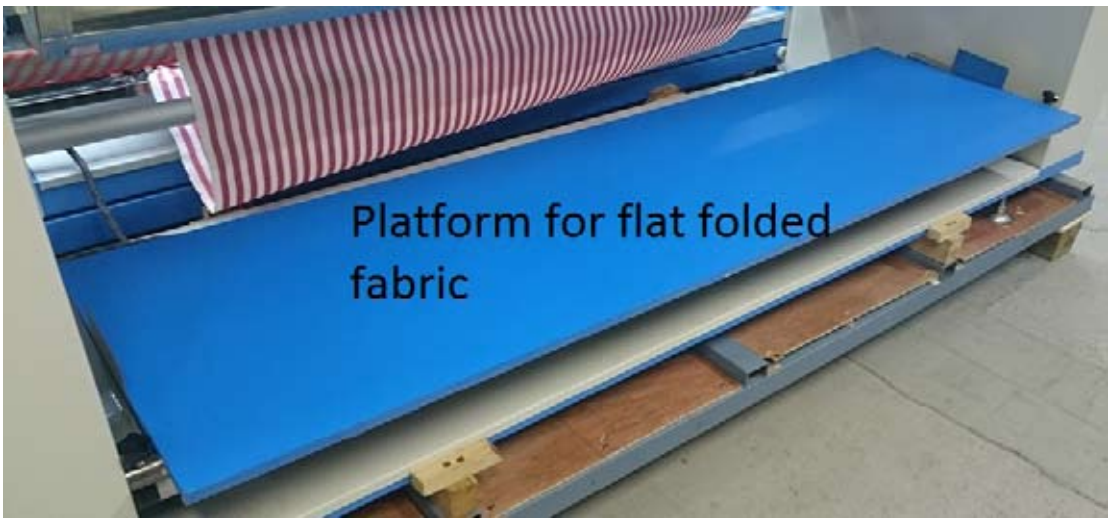
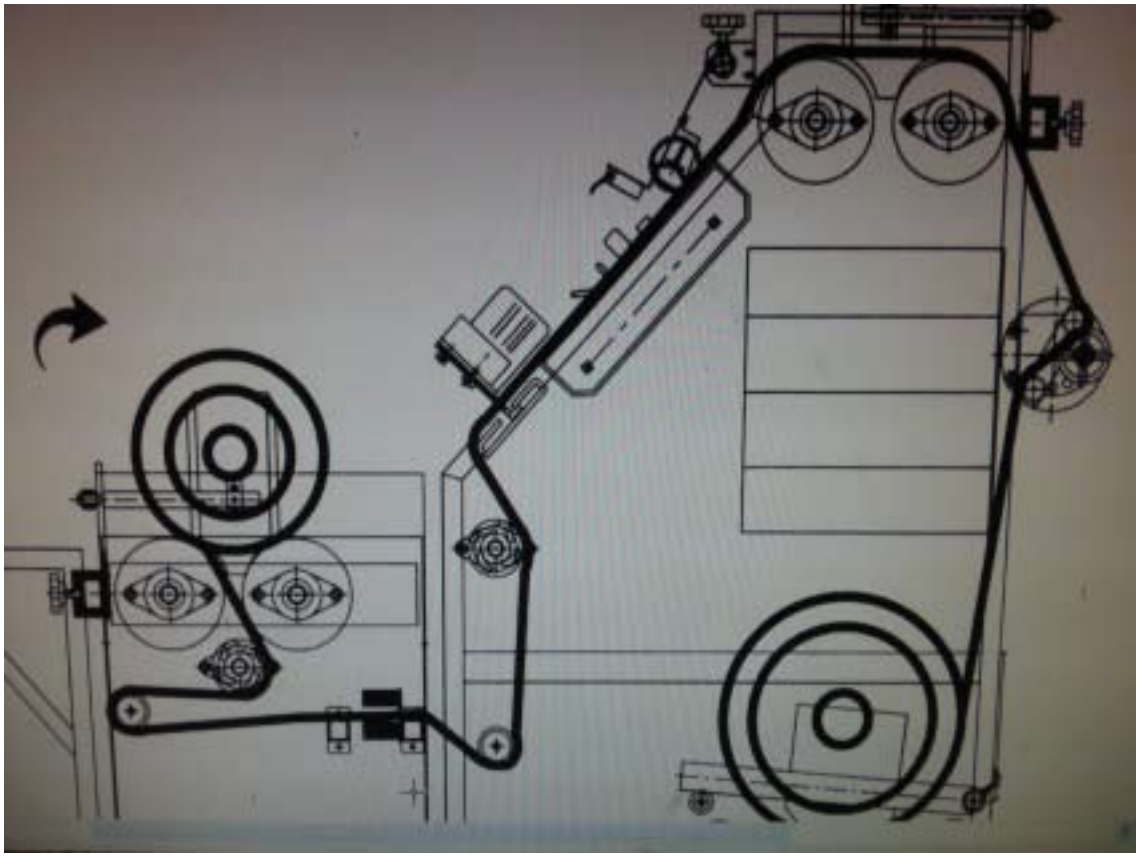
14
18
4
19
5
6
2
15
8
20
1


Attach the units



1. Remove cover
2. Remove bolts and attach table into position.
3. Put bolts and nuts back into position

Illustration of fabric threading

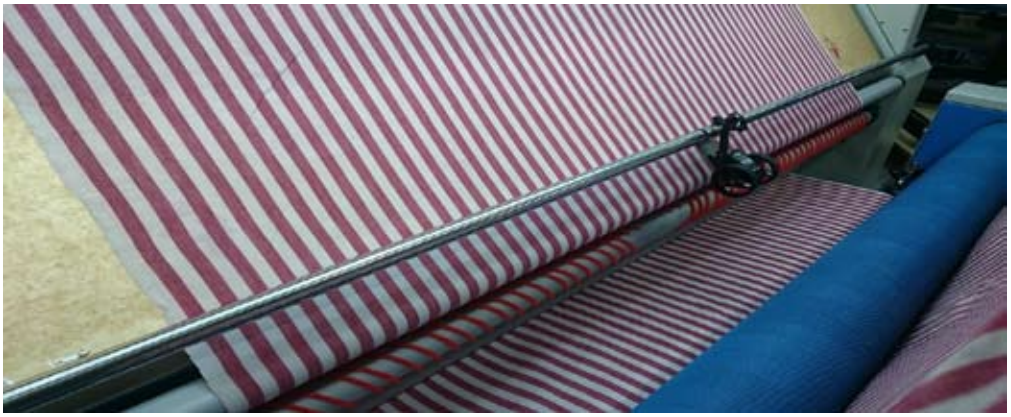


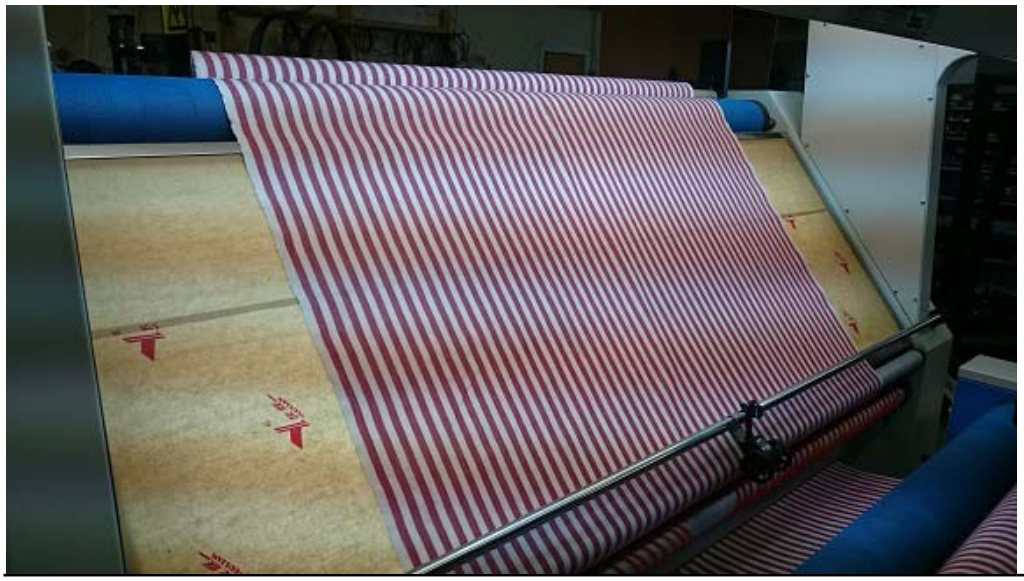
Operation of fabric Inspection

1. Roll to Roll
   Put the fabric into position (see illustration page 13).
   Roll to Roll - as illustrated 10-2

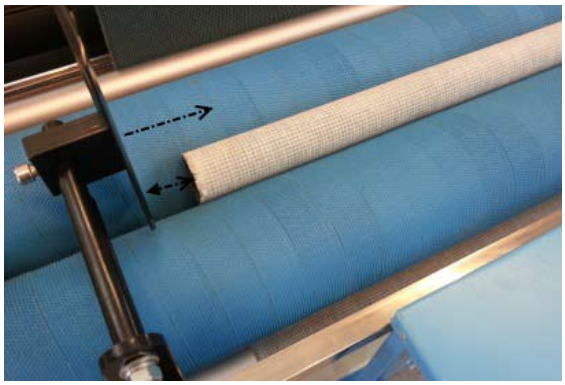
2. When fabric is in position and in center bring in the guides.

3. feed the fabric as shown on Drawings.

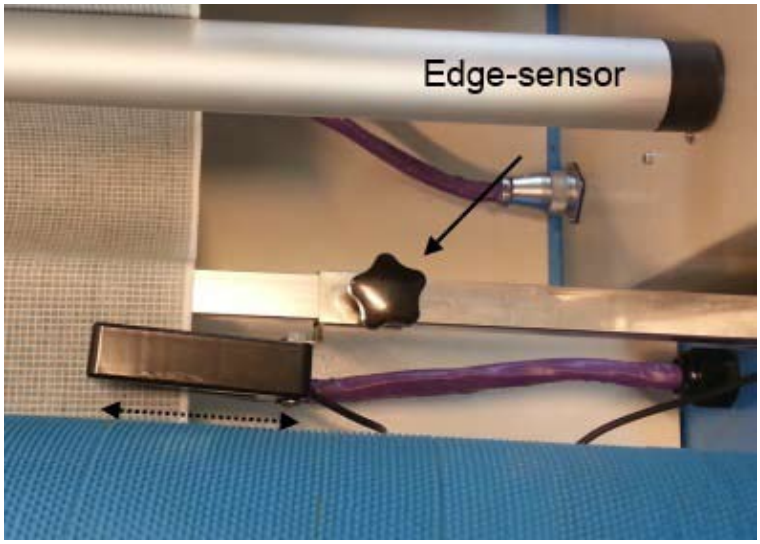




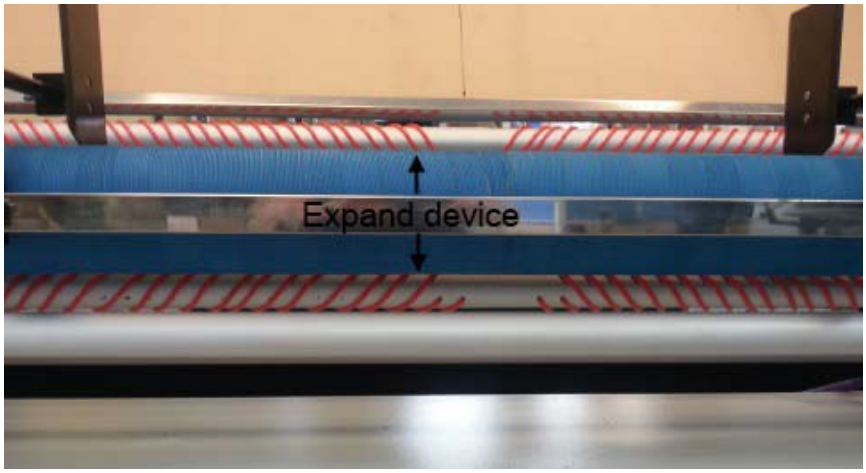
4. Roll fabric around paper core



5. Set the Guides in position.



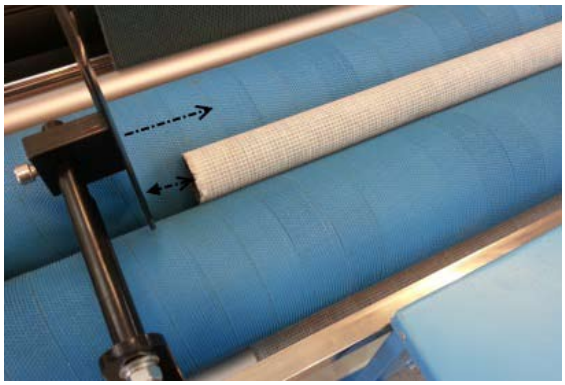
6. Set Edge-sensor in position



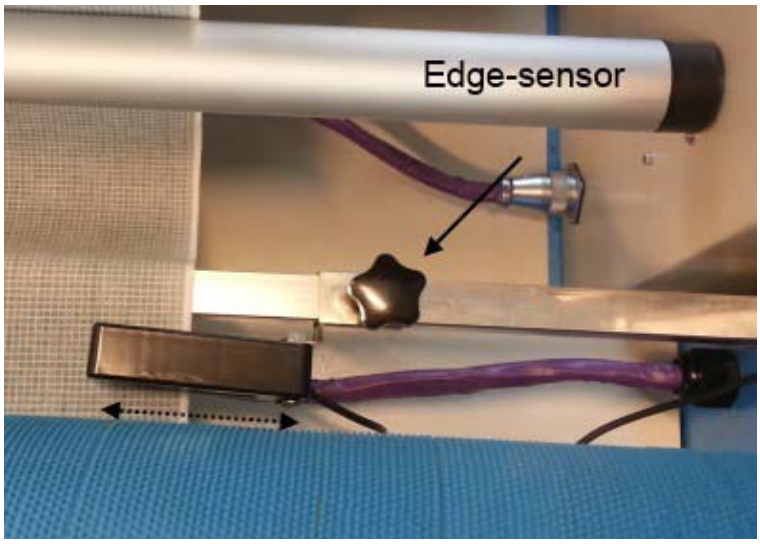
7. Expand device rollers are operated by switch (4) on panel.

8. Set the potentiometer (7) at a lower speed.
9. Choose Auto or Manual edge control with switch (5).
10. Set requested fabric lenght on Meter counter,
11. Set switches (9/10) in forward position.
12. Start and stop the machine by pushing the foot switch, see page 6.
13. Check tension and if needed adjust potentiometer (8).
14. After Inspection is complete have the fabric roll wrapped with stretch plastic film, paper or adhesive tape.

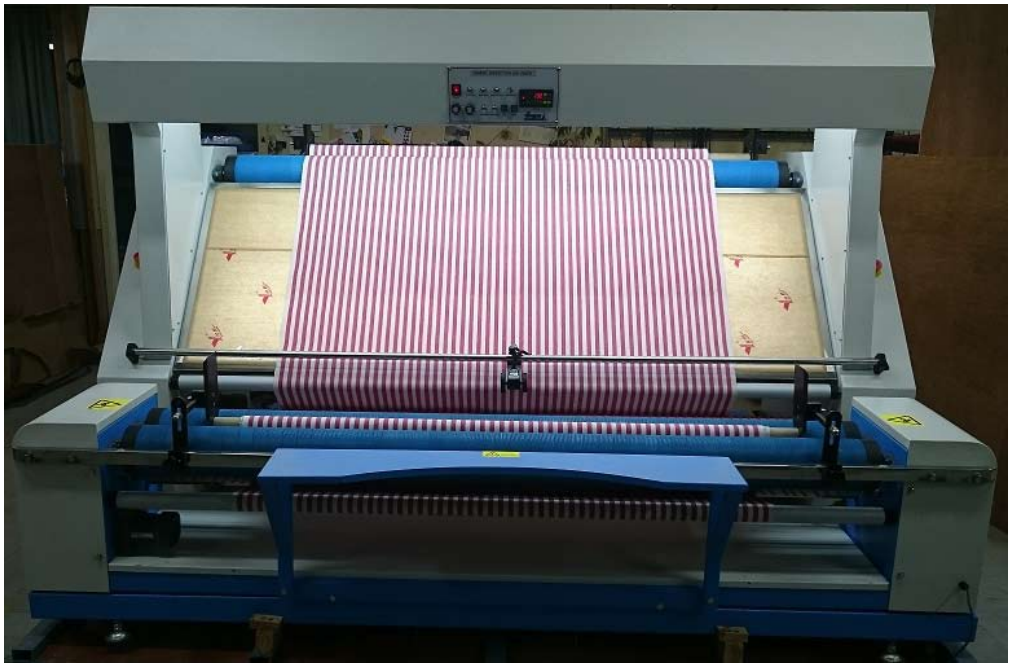
15. Roll to Flat
    Put the fabric into position (see illustration page 13).
    Roll to Flat - as illustrated 10-1



16. Set the Guides in position.



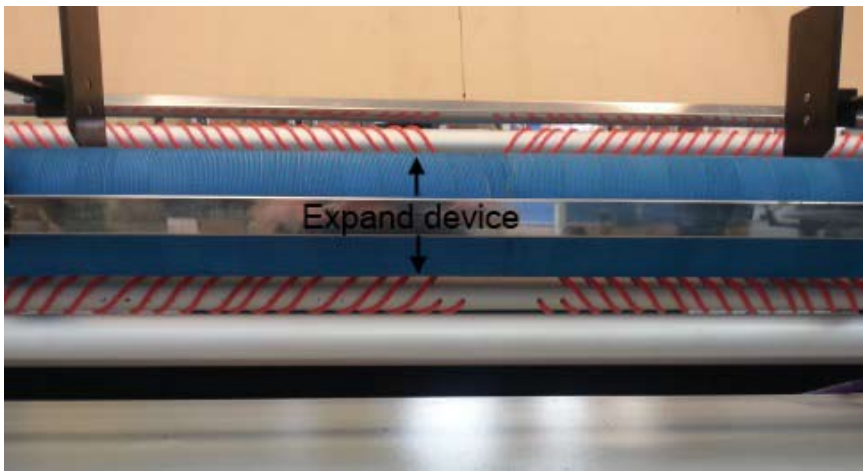
17. Set Edge-sensor in position



18. Feed the fabric as shown on drawings.

19. Feed the fabric through the Swivel unit.

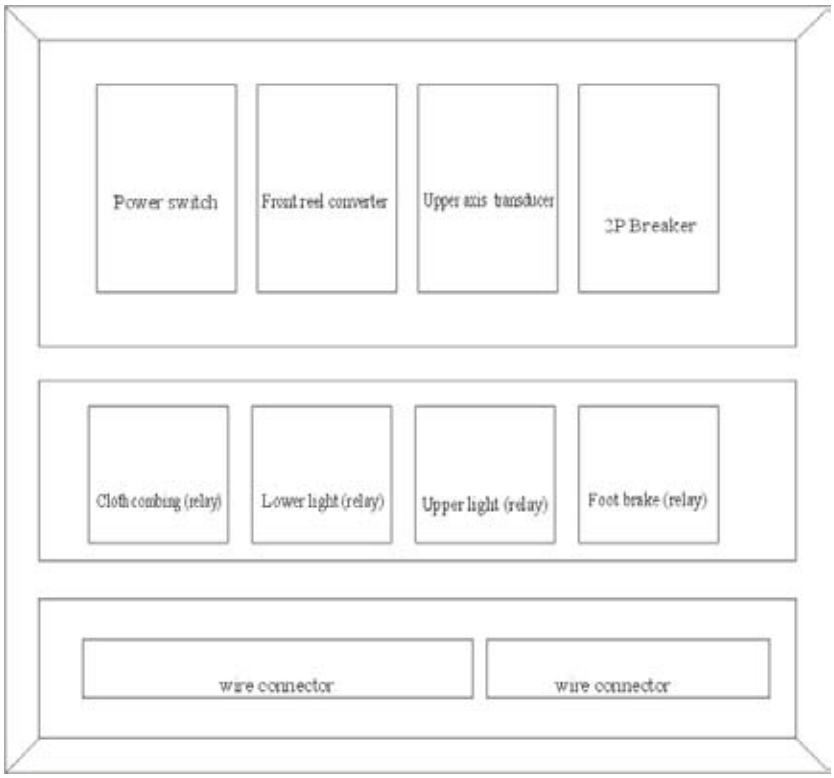
19. Engage the Swinging Rack with Handle.



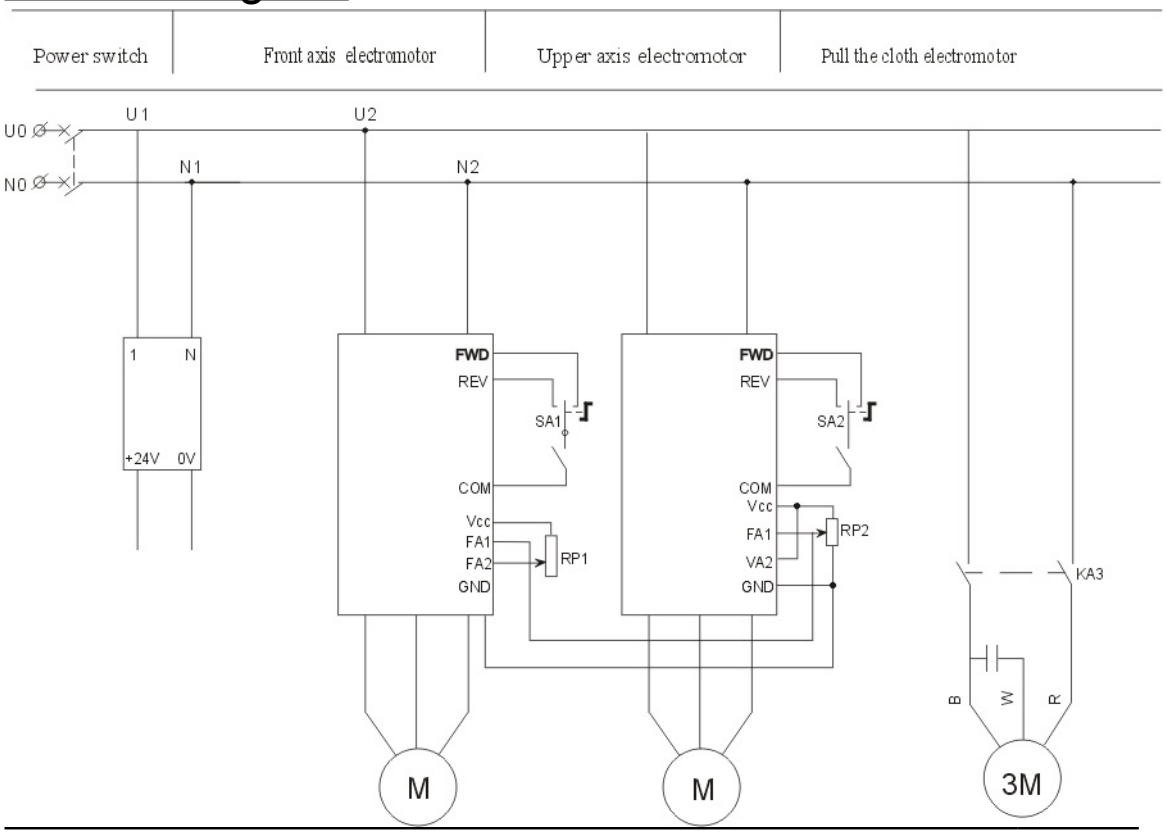
20. Expand device rollers are operated by switch (4) on pa-

21. Set the potentiometer (7) at a lower speed.
22. Choose Auto or Manual edge control with switch (5).
23. Set requested fabric lenght on Meter counter,
24. Set switches (9/10) in Reverse position.
25. Start and stop the machine by pushing the foot switch, see page 6.

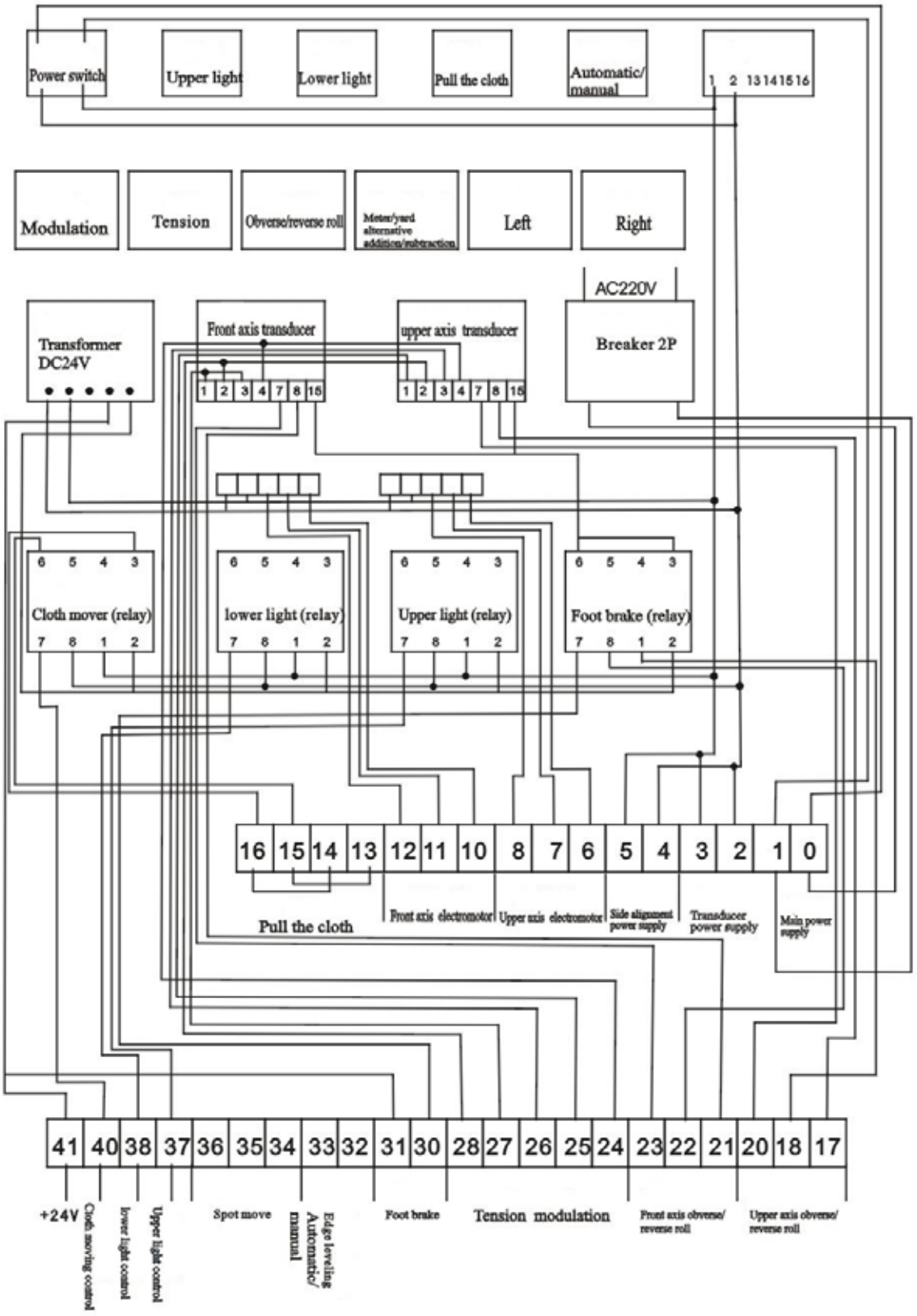
Electric board assembly map



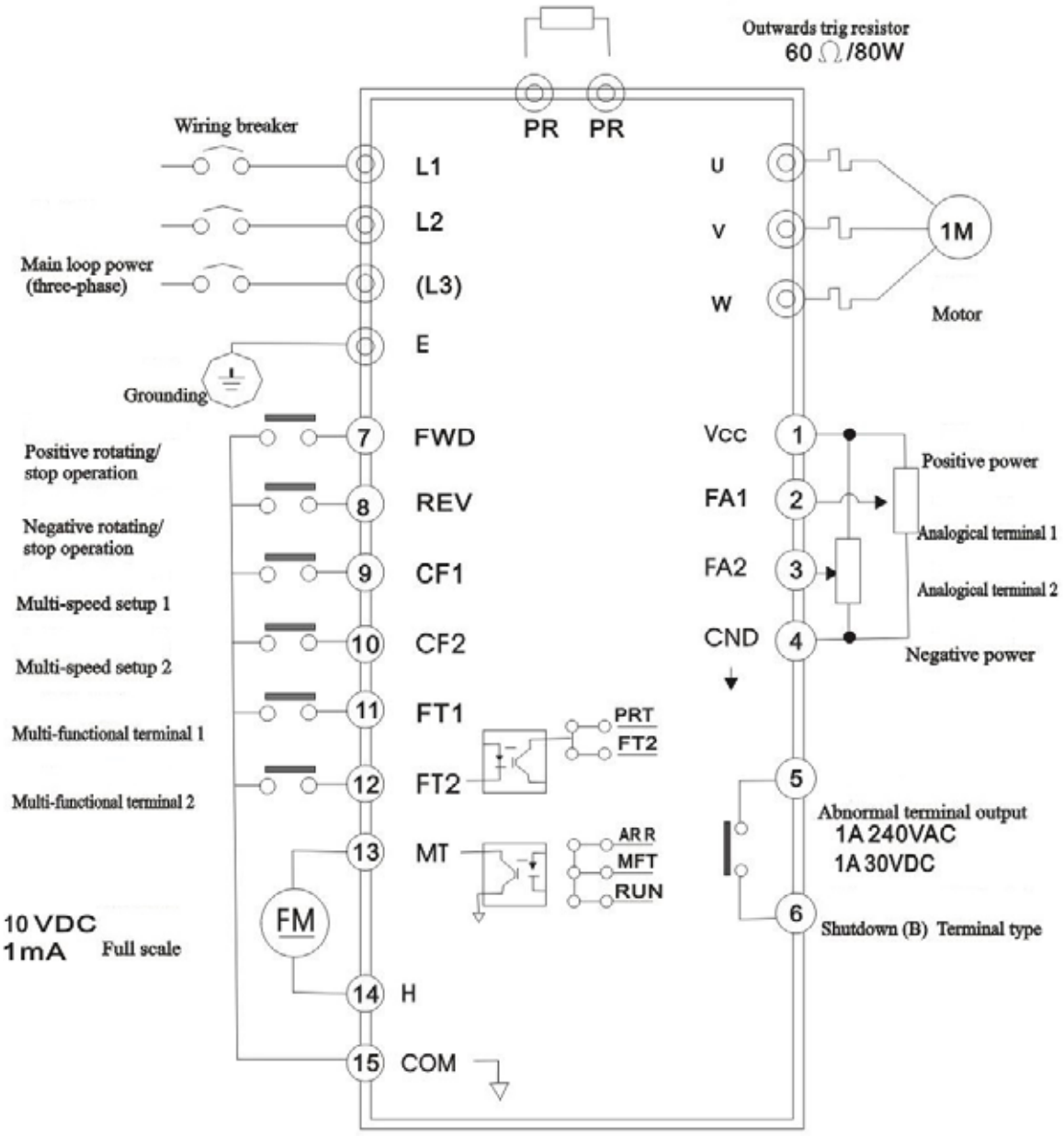
Electric diagram



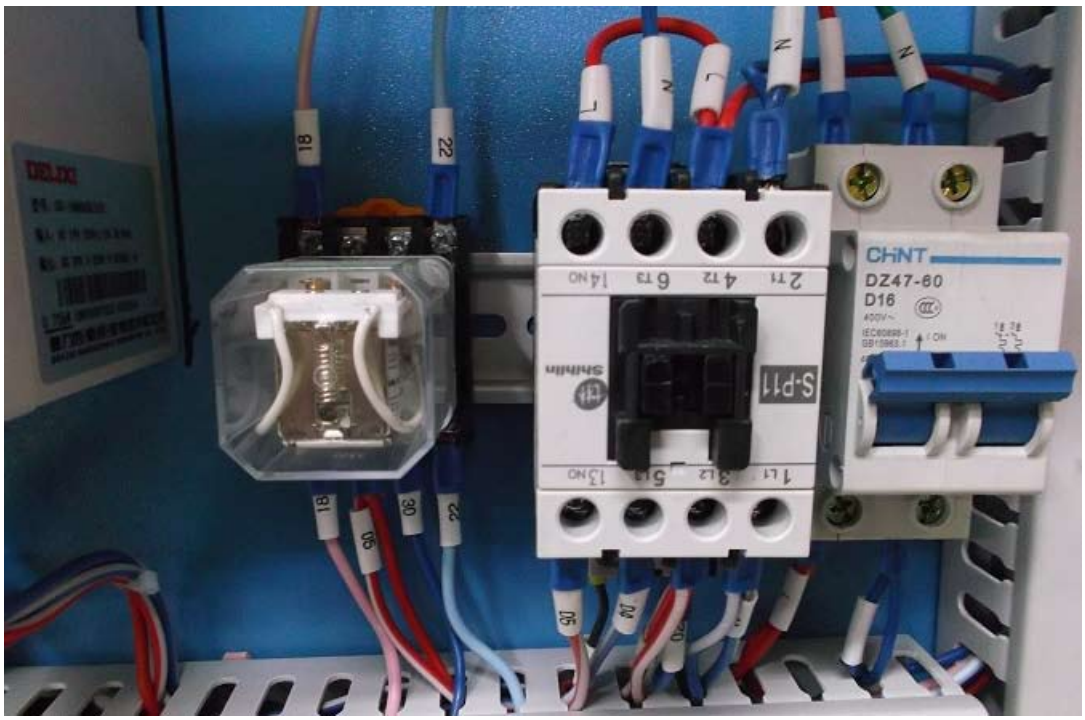
Electric connection diagram



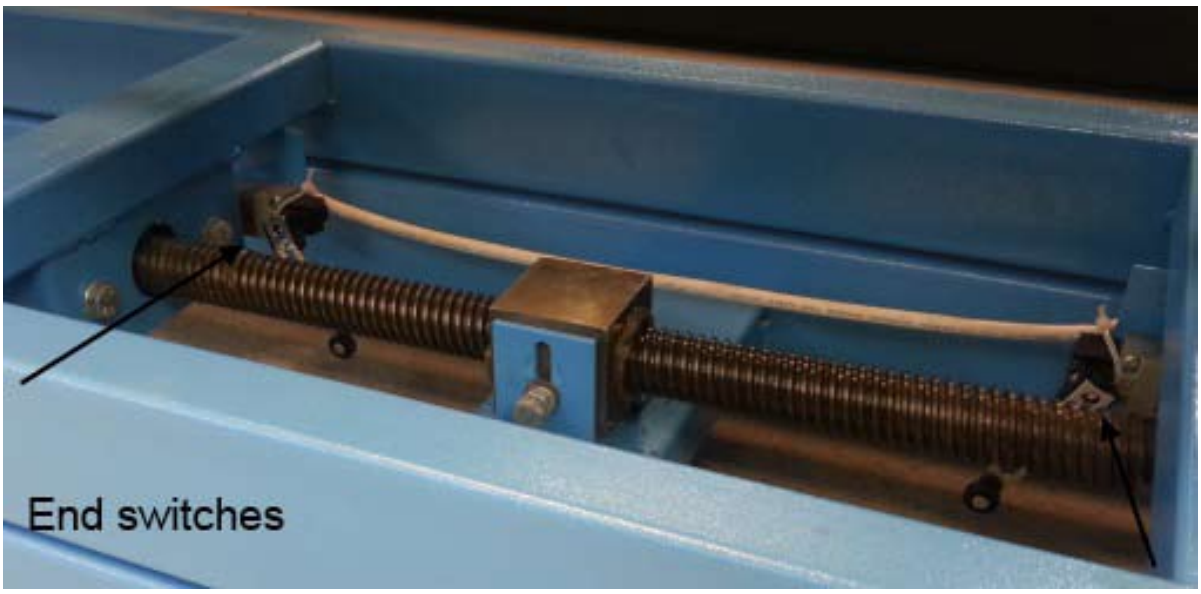
Terminal connection diagram



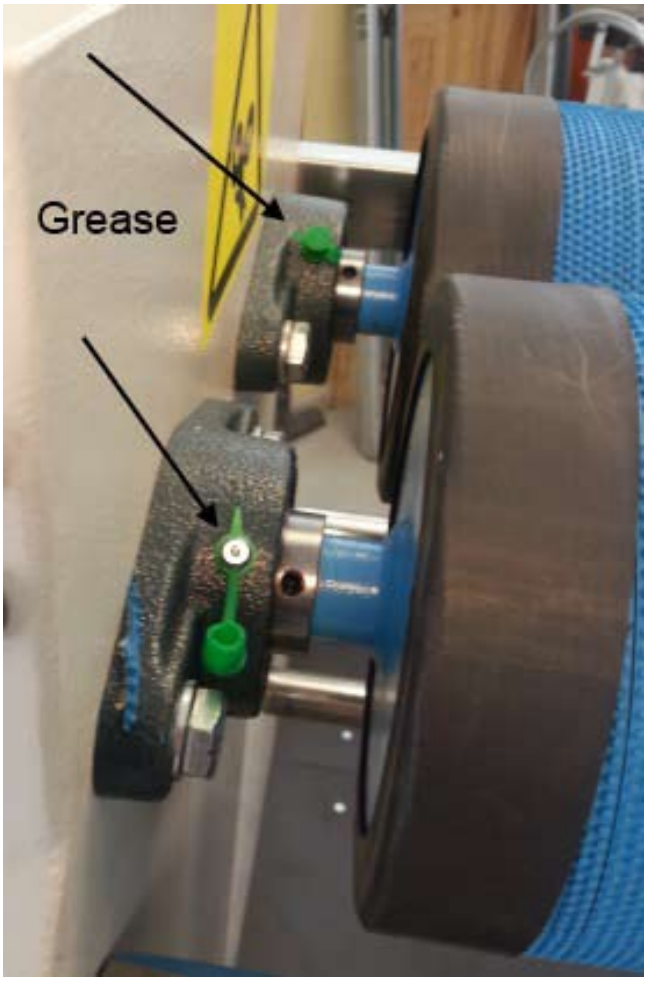
Electric connections/wiring


CHINT
DZ47-60
D16
S-P11


RUN TUNE FWD
MODE
ENTER
JOG
RUN
STOP
RESET
EM60G0R75S2
DELIXI


End switches


SIK60GN-CF
Transport/Feed Motor


Grease

Failure & trouble-shooting of transducer

Demonstrate signals	Instructions of abnorma phenomenon	Methods for elimination
CPU	Inner protection	When digital signals are disturbed, the transducer will exert the function of protection.
EPO	Check the fault	When there is error in the check of program code, the transducer will exert the function of protection.
EEP1	Access error	When there is error in the storage or take-out of EEPROM, the transducer will exert the function of protection.
EEP2	Check the fault	When there is error in the check of EEPROM, the transducer will exert the function of protection.
PFO1	Power components will exert the function of protection.	Power components will exert the function of protection.----in the process of accelerating.
PFO2	Power components will exert the function of protection.	Power components will exert the function of protection.----Under the operation of fixed speed
PFO3	Power components will exert the function of protection.	Power components will exert the function of protection.----In the process of decelerating
PFO4	Power components will exert the function of protection.	Power components will exert the function of protection.----under the state of standby
OPE1	Variables lockup	When the screen shows this information, the parameters will be under the state of lockup.
OPE2	direction turning	When the screen shows this information,Under the operation of single direction
OPE3	Only for input of analogical signals	When the screen shows this information,Alter the speed (frequency) of motor only by the knob on the operation panel.
OPE4	Only by the input of terminals	When the screen shows this information,Operate the orders by the input of terminals
OPE5	Alarm of exceeded scope	Setup of maximum overtop
OPE6	logic turning	E.g. Lower limit of frequency (CD15) Above the upper limit of frequency (Cd14)
OPE7	The parameters cannot be set in the operation.	The parameters can be modified only under the state of standby.
OPE8	The parameters only for reading	The parameters are not for read-in but only for reading.
OH	Shutdown under exceeded temperature	The temperature inductor will be shut if it cannot detect the abnormal operation.

The burnout of galvanothermal pipe, the alteration of heating pipe, break-out of galvanothermal pipe, the electric switch will be skipped

Electric components

Notes