Contents:

-Troubleshooting

-Before starting troubleshooting / safety aspects
-No movement, green lamp is off
-No movement when start buttons are pressed
-Problem with the Home Position
-Ring doesn’t move after pressing START buttons
-Wrapping unit moves with difficulties
-You can’t adjust the speed of the ring
-Ring is too noisy during rotation and is shaking

Troubleshooting instructions

Page

3-16

3

4

5

6

7

8

9

10-11

12-16
Couple important safety aspects before starting troubleshooting:

Before any service action, make sure that machine is disconnected from the power supply.

When working with electrical components, work must be done by professional electrician!
No movement, green lamp is off

1. Power plug might not be connected
2. Main fuse on power board(F1) might be tripped
3. Emergency Stop might pressed
4. Power cable can be damaged.

Connect the plug
Un-trip the fuse
Release the Emergency Stop
Please check the cable for any damage
No movement when start buttons are pressed

1. Plug s next to the electrical cabinet might be disconnected.
2. Cable for the start buttons might be damaged.
3. Ring motor might be disconnected or damaged
4. Possible problem in the inverter

Check and connect the plug if necessary.

Please check the cable for damages.
Check motor and its cable.
Check the inverter (see page 16).
Machine is not going to HOME POSITION (or not stopping there) after HOME POSITION button is pressed

Possible problem in the inductive sensor for home position or its adjustment

Please check the inductive sensor for home position - adjust or replace it (see page 12)
Ring doesn’t move after pressing START buttons

1. Motor might be damaged or disconnected
2. Motor cable might be damaged
3. Possible problem in the inverter
4. Broken belt
5. Belt slipping
6. The driving wheel might be greasy and is slipping
7. Automatic fuse F2 might be tripped

Check the motor for damages
Check the cable for damages
Check inverter (see page 16).
Replace with new one (see page 14)
Adjust belt tension (see page 13)
Clean the wheel if necessary
Un-trip the fuse
Wrapping unit moves with difficulties

1. Something is blocking the wheels (carrying or support)  
Inspect the wheels and clean if necessary
2. Machine base is not properly leveled  
Please adjust the legs of the base
You can’t adjust the speed of the ring

1. Possible problem in potentiometer
   Please check cable connector for the potentiometer. Check also the cable for damages.
2. Possible problem in the inverter
   Please check the inverter (see page 16).
Ring is too noisy during rotation and is shaking

Problem in one (some) of the support wheels

Change or adjust the ring support wheels

To adjust the plate holding the wheels unscrew the screws holding it, turn the plate so that each of the wheels touches one of the ring walls and then tighten the bolts.
Ring is too noisy during rotation and is shaking

The spring for the black support wheels is loosen

Please adjust the spring tension

To adjust spring tension unscrew the shown bolt and slide the plate holding the spring. After that tighten the bolt.
Adjustment of the inductive proximity switches

When adjusting the switches unscrew the nuts holding them and move them to approximately 3mm (0.12") of the metal contacting plate (don’t put it too close because it could be damaged during the movement of the metal contacting plate).
Controlling the tension of belt for ring motor

1. Unscrew the bolts (1)
2. Adjust belt tension with bolts 2 and 3 according the scheme (Fig.1)
3. After tension is adjusted tighten the counter nuts of bolts 2 and 3 and bolts 1
4. After fixation the bolts 1 check again the belt whether it is over tensioned

IN CASE OF OVER TENSIONED BELT PLEASE REPEAT ALL STEPS (RECOMMENDED)
Changing the belt

To be able to change the belt you should first remove the yellow protective cover (fixed with black screws). Then loosen the belt tension (see previous page) and replace the belt (or belts) with new one. After that adjust belt tension and put back the yellow cover.
Changing motors

1. Open motor cover and disconnect cable from the motor
2. Unscrew the screws holding the motor to machine (1) and loosen bolts (2) and (3)
3. Install the new motor by connecting the cable and tightening all screws.
Inverters

If everything is normal after powering the machine you should see rd (ready) message on the screen of inverter. If there is something else please see the enclosed guide for Commander SK inverter.