



KONICA ELECTRONICS ENTERPRISE
Pre-owned Machines | Spare Parts | Automation
Spinning | Weaving | Processing

Together, we are facing a truly unprecedented situation. The global COVID-19 pandemic is affecting all of our families, our businesses, our communities, and our way of life. First and foremost, our hearts go out to anyone who's been impacted by the virus, either directly or indirectly. Our thoughts are especially with those who are sick, to whom we extend our heartfelt wishes for a full recovery. And we're truly inspired by the selfless healthcare workers around the world who are on the front lines working tirelessly to care for people in need.

Recommendation for Preventive Maintenance of your Weaving Looms by Konica, India

After the long standstill period due to COVID-19, Konica India with its expertise recommends the following preventive maintenance of your weaving loom to get the maximum efficiency and reduce the downtime.

Step 1: Voltage Stabilizer

Check the Voltage Stabilizer for the recommended voltage before switching on the Loom Supply, if any variation please rectify.

Step 2: Cleaning

Clean the complete machine with compressed air pressure (air should be dry) remove fluff and clean the Electrical Panel thoroughly. Clean all the lubrication points on the loom.

Step 3: Lubrication

Do the Oiling & Greasing of all the lubrication points on the Loom, Harness, Cam box, Dobby, Jacquard. Check oil level of the Loom oil tank, CAM Box, Dobby, Jacquard Gear Box. Greasing is very important as it dries out.

Step 4: Maintenance

Replace any Mechanical spare parts, Bearings that may need an attention.
Few maintenance areas that you should consider are Gear box and drive gears, Motor belt, Timing belt

Step 5: Cold Start of Loom

Preheat the Loom Panel with dry hot air (you can use a hair dryer) before you switch on the supply. Check all connectors & cables for any loose connections. Keep the Electrical Panel ON for some time before inching.



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Maintenance of STAUBLI DOBBY AND CAM BOX PRODUCTS:

1. Please clean Dobby / Cam Box remove fluff from it . Then clean, the oil filters with normal air pressure.
2. For Cam boxes, Stop the machine in un-level position (this will avoid levelling related problem).
3. For dobbies, select all down design.
4. Release the warp beam tension for cam box and dobbies.
5. Please clean complete under motion with compressed dry air pressure.
6. Put some oil drop on DRC 10 rod and connectors. (do not put any excessive oil, otherwise it can create reverse effect)
7. Cleaning & Greasing of complete under motion till the old dry grease comes out from bearings.
8. Before start-up of the machine, please check the oil level of cam box and auto levelling unit.
9. For dobbies, kindly select plain weave for all units and make inching for few picks to lubricate all the jack levers before start up.
10. Before starting up the cam box & dobbies, open the cover and put some oil on the important parts.

Maintenance of STAUBLI ELECTRONIC JACQUARD'S:

1. Please clean all jacquard machine fluff and fluff from harness if any.
2. Kindly stop all jacquard with all down design and at zero degree of Jacquard.
3. Release warp tension of the beam.
4. While re-starting the jacquard machines, kindly do the greasing on all the points including cardan shaft till old grease come out and make inching step by step for few picks and then actual running. Magnet heating may require on CX, LX1600 & LX3200, LX3201 machines.
5. Check oil level in jacquard and gear box & install all the covers.

(Recommended for CX 860, CX960, CX1060, CX870, CX880, LX1600B, LX3200, LX3201, DX80, DX100, DX110, SX, LXE, LX1602, LX3202, LX3072, LX4096, LX5120, LXL6144, LXL8192, LXL12288 electronic Jacquard machines)

For any queries, suggestions or technical support please contact us on textilemachines@konicainternational.com
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