

Advice and assistance for machines of the G-COAT product range



GRÜNIC

<u>Problem</u>	<u>Cause</u>	<u>Remedy</u>
Needle holes	Dust or dirt on the screen _____	- Keep everything clean - Thorough degreasing - Seal the emulsion tightly - Make sure the dryer cabinet is clean - Cover the coating trough
	Air bulbs due to excessively fast coating _____	- Reduce the coating speed
	Air stirred into the emulsion _____	- After stirring, let the emulsion rest (for about 2 hours)
Fish eyes	Grease residues in the mesh due to bad degreasing	- Use a clean degreasing product - After degreasing, rinse well with clean water
Striation or lines in the coating	Damaged coating trough _____	- Use a new coating trough
	Air bubbles in the emulsion _____	- After stirring, let the emulsion rest (for about 2 hours)
Irregular coating	Trough supports are not adjusted _____	- Adjust the trough support position according to data sheet
	Screen stretching not optimal _____	- Use only correctly stretched screens
	Damaged coating trough _____	- Use a new coating trough
Clatter signs in the coating	Vibrations of the coating carriage _____	- Grease the carriage guide profiles with machine grease (never use spray !!!!)
	Excessive contact pressure _____	- Reduce the pneumatic contact pressure - Check the mechanical contact pressure according to data sheet
<u>G-COAT 421</u>		
Coat thicker on the sides	Insufficient pre-bowing of the support tubes _____	- Adjust the prebowing according to data sheet
Mesh rip	Mixed up troughs _____	- Make sure the troughs are correctly positioned Red trough = squeegee side, in front Black trough = print side, at the back
Bad coating	Frame not fastened _____	- The screen must be pneumatically fastened at all the corners
<u>G-COAT 405/411</u>		
Layer thicker at the center	Bad pre-stressing _____	- Adjust the pre-stressing according to data sheet
Mesh rip	Mixed up troughs _____	- Make sure the troughs are correctly positioned Red trough = squeegee side, in front Black trough = print side, at the back
Bad coating	Frame not fastened _____	- The screen must be correctly fastened at all the corners
<u>G-COAT 404</u>		
Mesh rip	Incorrect positioning of the screen holder _____	- On top and at the bottom: same position of the frame holders