

Product instruction manual

Matrix Single Side Laminators

MATRIX[®]



The Matrix has been designed to be user friendly, however we strongly recommend you take a few minutes to read through this manual to ensure correct operation.

Keep this manual safe for future reference.

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Specifications

	MX-370	MX-530
Max Laminating Width	340mm	500mm
Max Laminating Thickness	135gsm	
Temperature Range	0-140°C	
Approx. Highest Line Speed	10m/min	
Maximum Sheet Width	420	550
Warm up Time	10 mins	
Power consumption	2200	2400
Power Supply Required	13 Amps	
Power Supply	220/240 V	
Rate Input Power	900W	1000W
Dimensions	800 x 1800 x 1400mm	900 x 2050 x 1400mm
Gross Weight	190kg	220kg

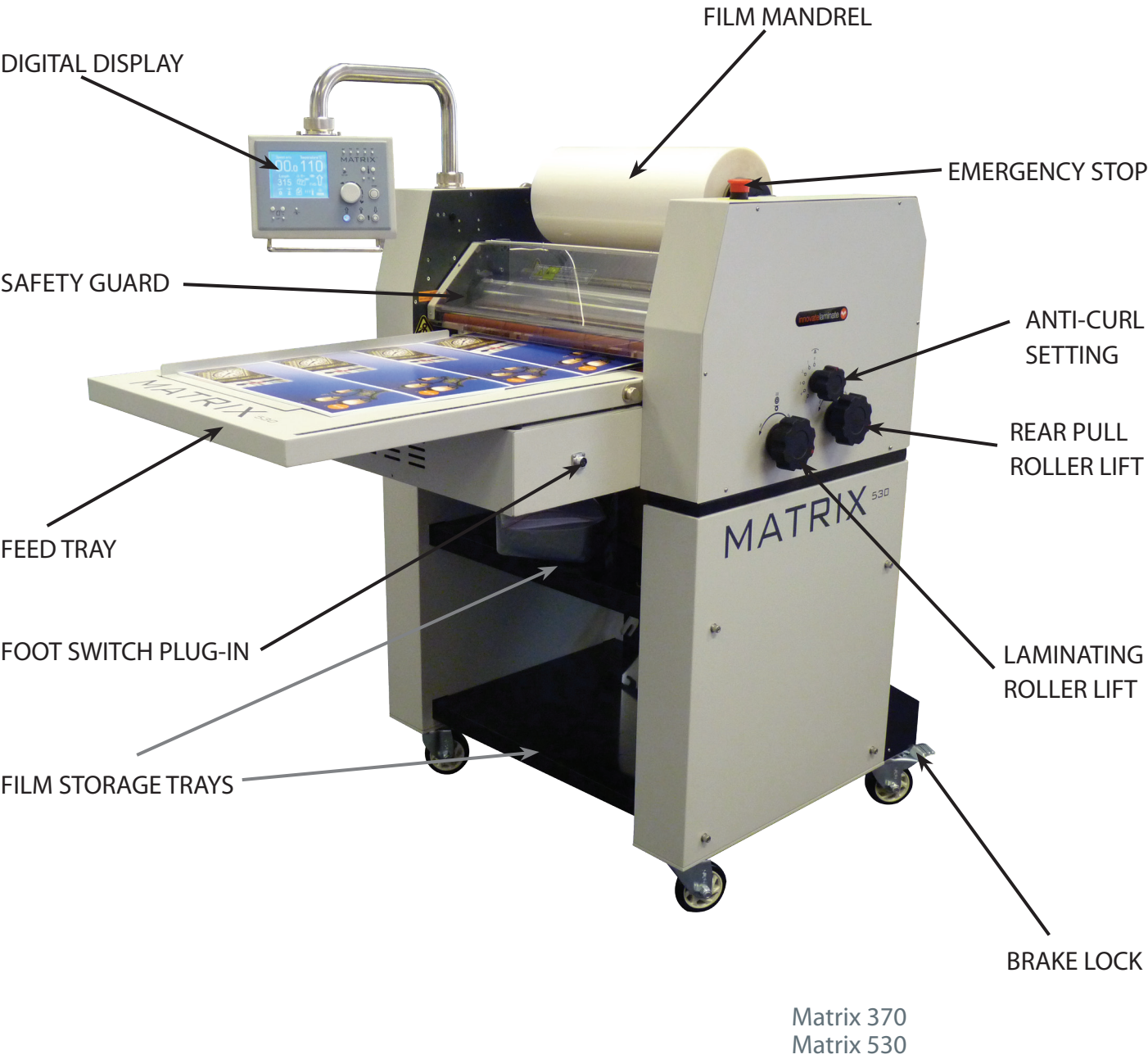
Introduction

Thank you for purchasing the Matrix single sided laminator.

Matrix is a high performance single sided laminating system with a solid construction built to last.

Please read these instructions carefully before starting to use the system to ensure you get the best results and are competent at operation.

Should you experience any problems please contact us and we will be happy to help.



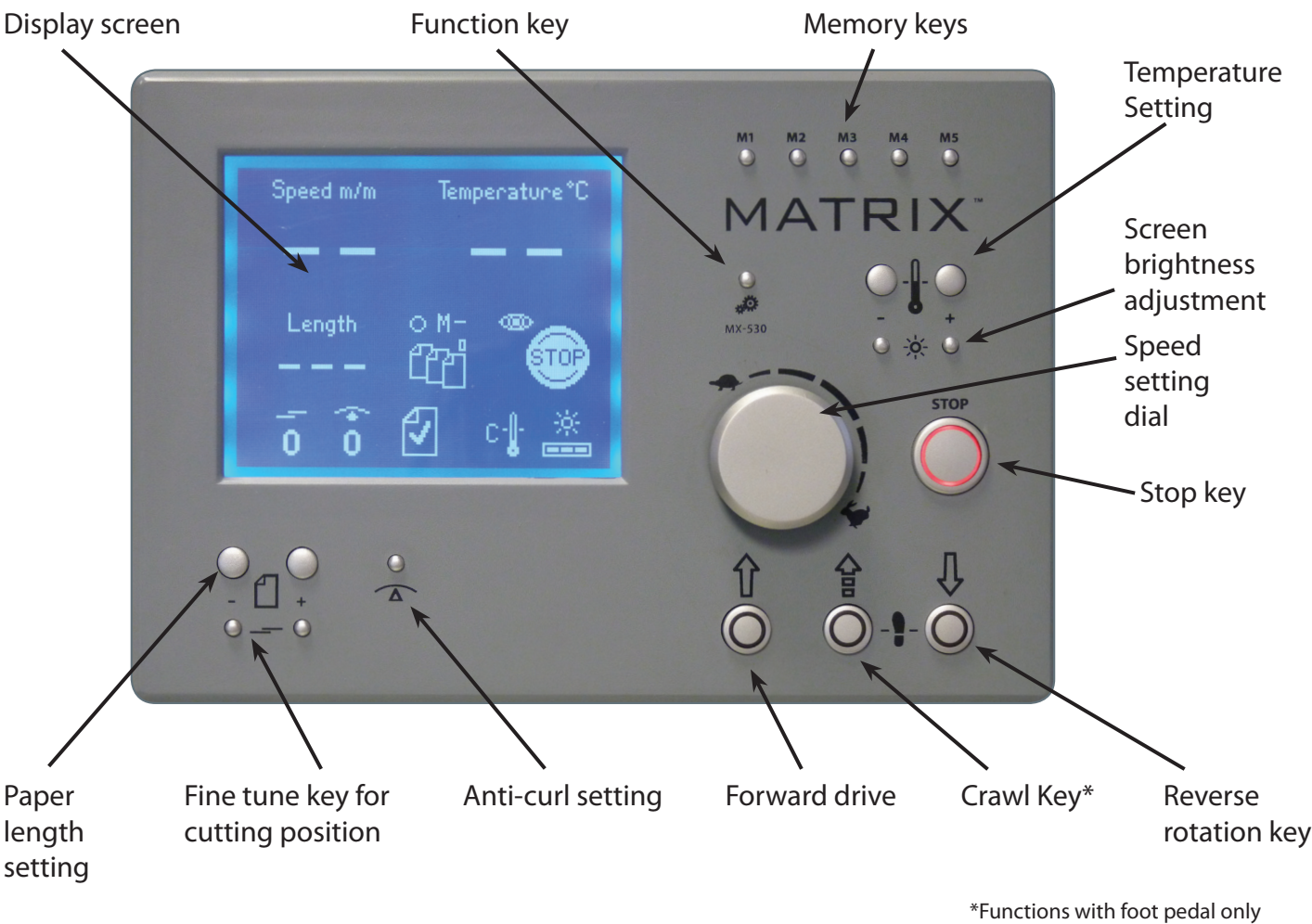
Safety Instructions

- Please ensure that the voltages of power supply you are using match with rated working voltages before operating the machine
- The power supply should be close to the machine for convenient use
- The power supply should provide reliable protective earthing connection
- This machine must be earthed reliably so as to ensure the safety of the machine during operation
- Only the operators of this machine should operate the electric or motion components/ controls
- Please don't use damaged wires or sockets
- Please keep children away from touching and operating this machine
- Please do not spray water or other liquid on the machine otherwise electric shock or machine faults could occur
- Please do not replace power cord or plugs yourself, do not put heavy objects on the power lines as this may cause electric shocks
- During use please take care that no clothes, neckties, hair, necklaces etc are near the machine otherwise injuries could occur
- Please don't put burrs, sharp blades or over thick rigid materials into the two rubber covered rollers (for example, tools, rulers and knives etc.)
- Don't cut adhesive films directly on the surfaces of the rubber covered rollers to avoid damage
- Please shut down this machine after laminating to avoid misuse of the machine
- At the end of the working day always gape the rollers to ensure no flat spots or distortions occur
- When you need to move this machine, please shut down the power switch and pull out the plugs
- Please be aware of the location of the wheels during moving or operating this machine to avoid foot injuries
- Always ensure the machine is positioned on a flat and level floor
- Please shut off the power supply (pull out the power plug) when the machine isn't going to be used for long periods of time.

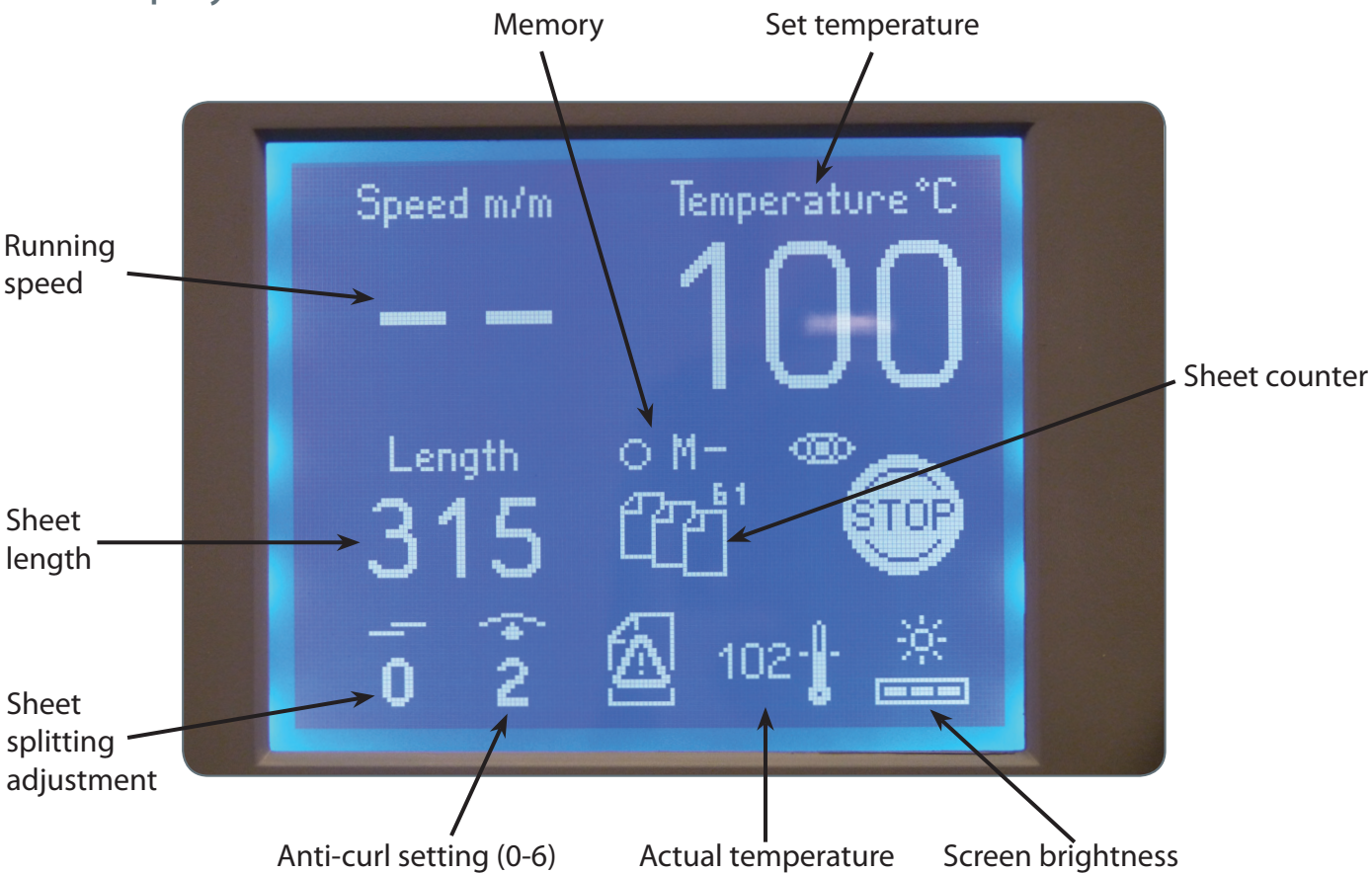
Environmental Requirements

- Ambient temperature 10°C - 60°C, humidity 30% - 80%, Ideal humidity 55%
- Dust - Due to the static adherence of the film, you should keep the environment clean, a dust cover is provided with the machine
- Please do not keep the machines in direct sunlight
- Please do not keep the machine in or around dusty areas
- Enough space should be kept around the machine to ensure the secure and effective application. The minimum holding areas are 2.5m x 3m

The Control Panel



The Display Screen



MATRIX set-up & Installation of Laminating Films



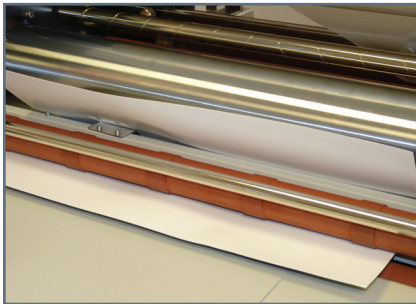
1. Position the machine near a suitable 13 amp socket and plug into the mains.



2. Turn the power on.



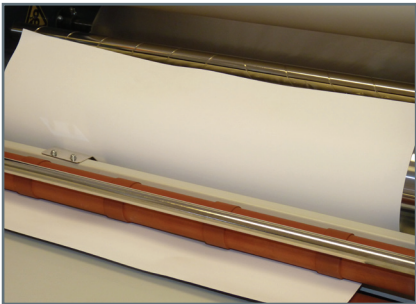
3. Screen displayed, see large screen diagram for functions on page 5.



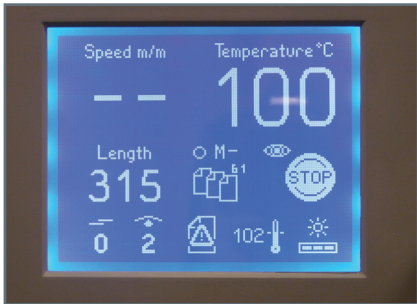
13. Slide the second blank print around the steel laminating roller, through the anti-curl device and into the pull rollers.



14. Run the film under the idler bar and drape over the steel laminating roller.



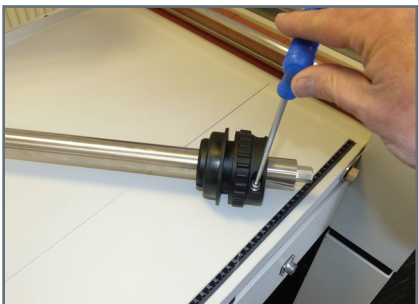
15. Press second set-up print onto the film.



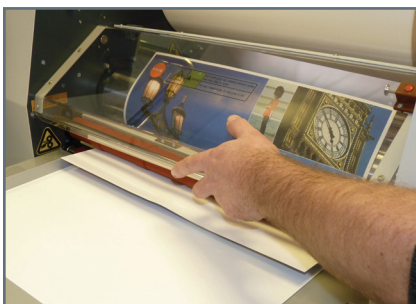
4. Set temperature, sheet length and anti-curl setting.



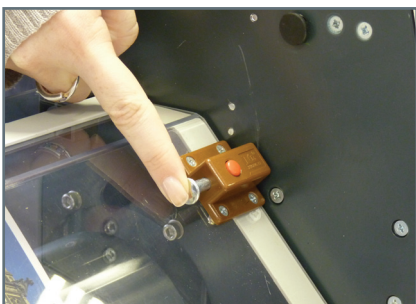
5. Remove film mandrel.



6. Using the allen key provided, loosen screws on the core adaptor.



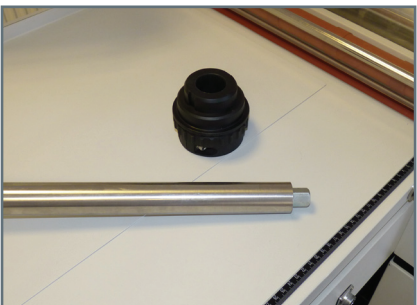
16. Replace the guard.



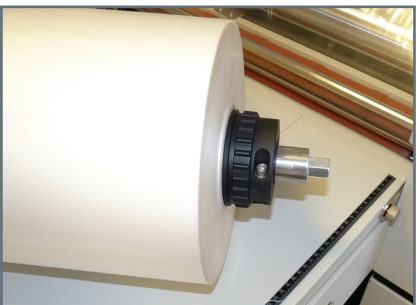
17. Ensure the micro switch is located, otherwise the machine will not run.



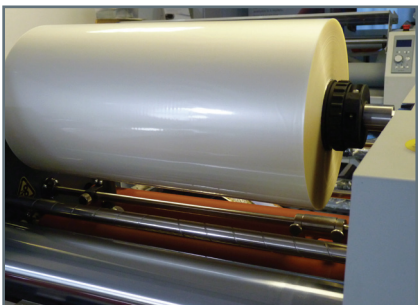
18. Lower the laminating and pull rollers and set the anti-curl to the desired setting.



7. Remove one core adaptor.



8. Slide film onto the mandrel and centralize, replace core adaptor.



9. Place film and mandrel back onto the machine.



19. Set the perforation wheel, lock in place on the edge of the film which should be in the paper margin (and not on the print).



20. Turn the screw as the paper is feeding until the perforation wheel starts to turn, then lock into position.



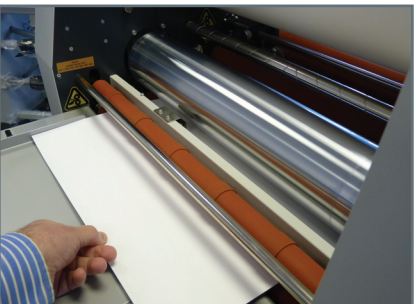
21. Set the guide wheel to the opposite side of the sheet from the perforation wheel.



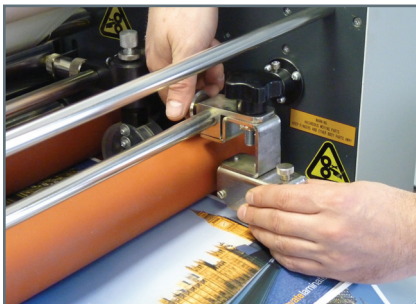
10. Ensure film feeds from the bottom of the roll.



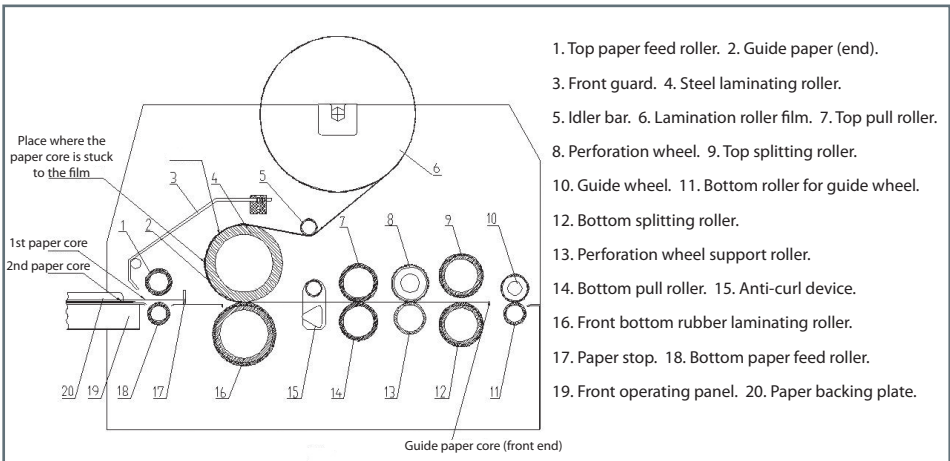
11. Set the anti-curl device to the zero position and ensure both laminating and pull rollers are in the raised position.



12. Press rubber roller to drop gate and slide in plain print, ensure it goes through anti-curl device and into pull rollers.



22. Finally, set the incline wheel on the edge of the print on the same side as the perforation wheel. Only a very small angle is required.



Warranty & Incorrect Use

IMPORTANT INFORMATION

Your laminator should reach you in perfect condition, however please retain all original packaging once you have unpacked your laminator in case you need to return it to us. If your laminator arrives damaged or faulty in anyway, this must be reported to your supplier immediately. If you send your laminator back for repair under warranty at any time, then the warranty may be void if the laminator is not packaged correctly and as a result is damaged in transit. The laminator you have purchased comes with a 1 year warranty on defective parts. THIS DOES NOT COVER any jams, misfeeds or wrap arounds caused by operator error and you will be liable for the repair costs (including delivery charges) if the damage is caused by operator error.

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