

DuoCleaner Express

Effective cleaning of dryer fabrics



Maintaining dryer fabric performance

DuoCleaner Express increases drying efficiency and improves sheet stability by removing contamination from the surface and structure of dryer fabrics.

The cleaning head is fitted after a corner or stretcher roll within the return run of the dryer fabric. DuoCleaner Express uses a multi stream nozzle to give the closest positioning of water jets as a cleaning line to lift severe contamination. High pressure water jets deflect the contamination onto water injectors in a vacuum zone to remove the contamination through an exhaust pipe. An air knife blows residual water through the fabric.

Reliable cleaning and low maintenance

A catcher tray can be placed underneath the cleaning head to help the removal of contamination and maintain the condition of roll surfaces. The cleaning head can be run into a wash-box to maintain its condition.

High availability of the equipment and low maintenance time is achieved by placing the working parts behind panels at either end of the traverse beam. The components of the pump are fitted in one housing unit and supply several beams as required.

Your benefits with DuoCleaner Express

Saving resources and time

DuoCleaner Express saves chemical cleaning agents and the man-hours to apply and rinse them. It increases the useful working life of a dryer fabric to avoid unnecessary changes at machine shuts. Cleaning modes such as step, continuous or spot cleaning can be set at the control panel according to the type and amount of contamination. Settings can be adjusted and alert messages can be viewed for corrective action.

Service packages and spare parts are available. Routine inspection and service keeps the equipment running at an optimum level and also increases the life of key parts.

Maintaining the fabric surface

Higher and more uniform heat transfer to the sheet is achieved by cleaning and reducing the build-up of contamination on the surface of the fabric. Less sheet breaks and better sheet quality are reached by deterring the growth of contaminants into larger scabs that would otherwise break free of the fabric.

Retaining fabric permeability

The new RoofNozzle is closer to the fabric surface for better cleaning inside the fabric structure. This maintains air exchange for good drying conditions and transmits vacuum for essential sheet control.

Integrated solution

DuoCleaner Express uses a unique combination of cleaning actions to reduce the effects of contamination. It can be used in combination with other products for additional savings; including CleanWeave to naturally retain fabric permeability and TerraDry GR for maintaining roll conditions.

All benefits at a glance

- + Improved retention of fabric permeability
- + Increased drying efficiency
- + Better sheet stability and tail threading
- + Less need of cleaning chemicals
- + Higher performance of fabric
- + Optimized sheet quality

Scope of supply

- + DuoCleaner Express, including traverse beam, cleaning head, power pack with pump and valves, control system
- + Engineering of unit into machine and site arrangements
- + Installation including supervision, start-up, training and optimization
- + Optional equipment as required

RoofNozzle



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Further Information



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