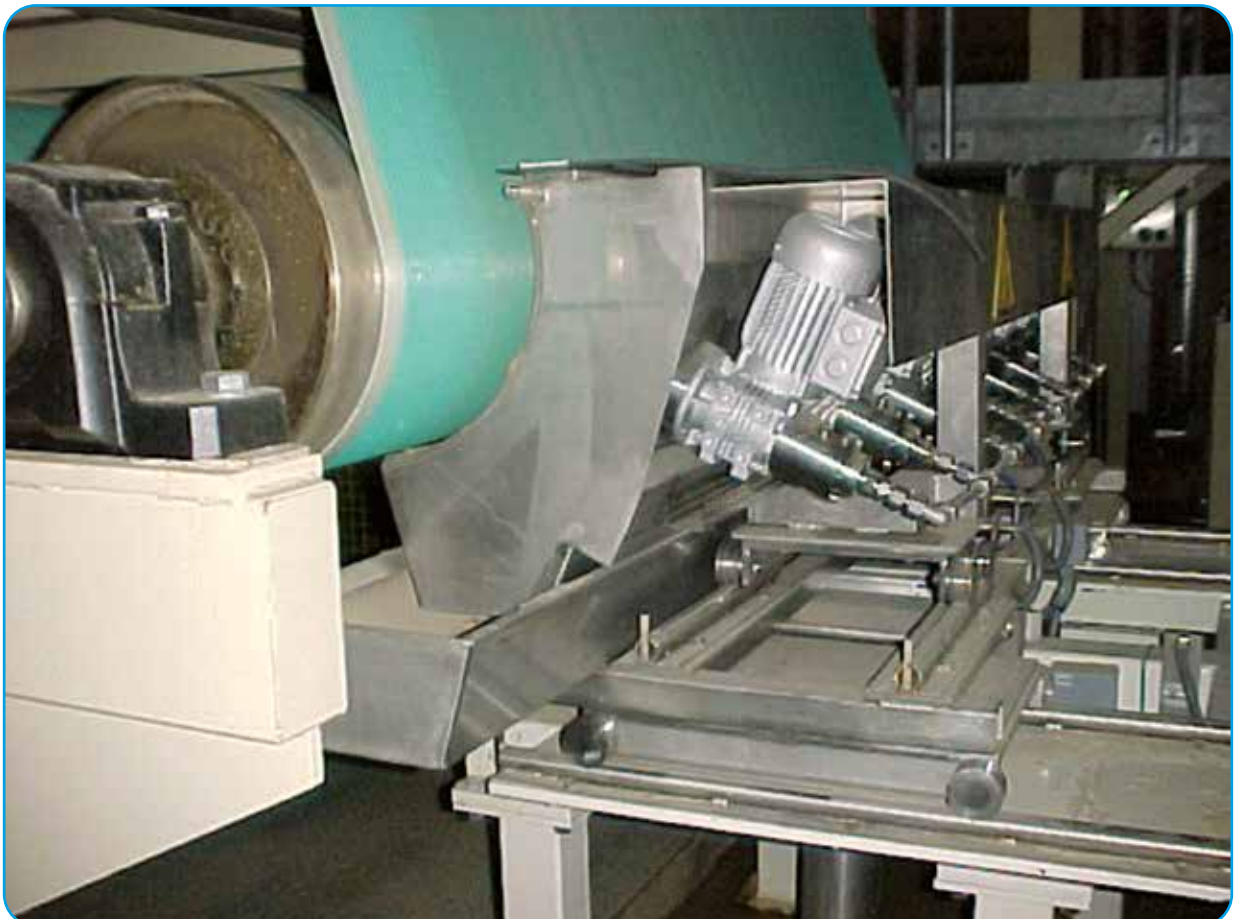
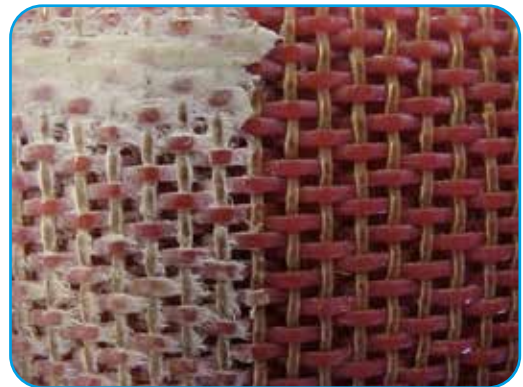


Power Cleaner, Type 4000

Full Width Process Wire Belt Cleaner

- Continuous;
- High Pressure Water;
- Drying by Air Knives.

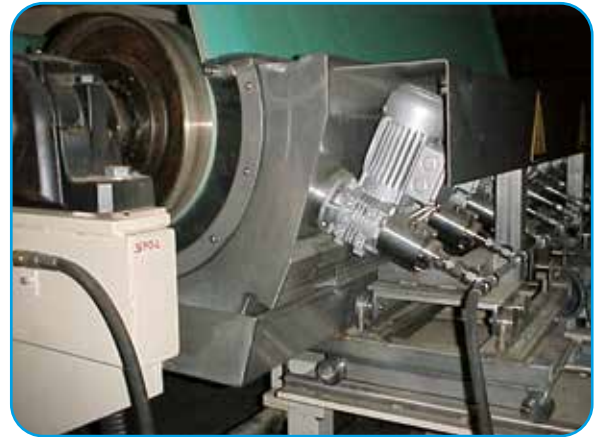


Single Traversing Cleaning Head



High Speed Machines
Low-medium load of contamination

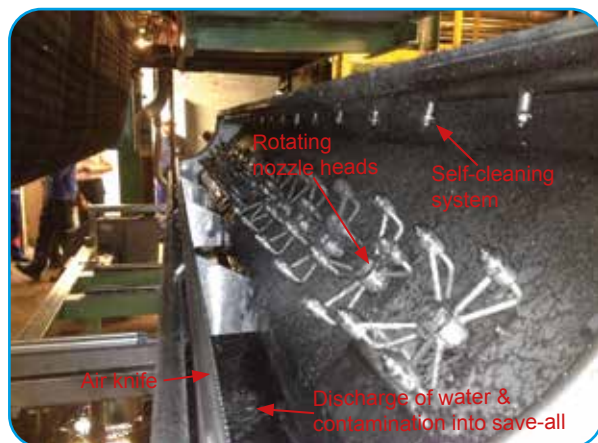
Full Belt Width Cleaning



Low-medium Speed Machines
High load of contamination

Power Cleaner 4000 applications

- Food process lines;
- Wood particle board lines;
- Woodchip drying lines;
- Linoleum production lines;
- Fiberglass-mat production lines;
- Insulation mat production lines;
- Airlaid paper production lines.

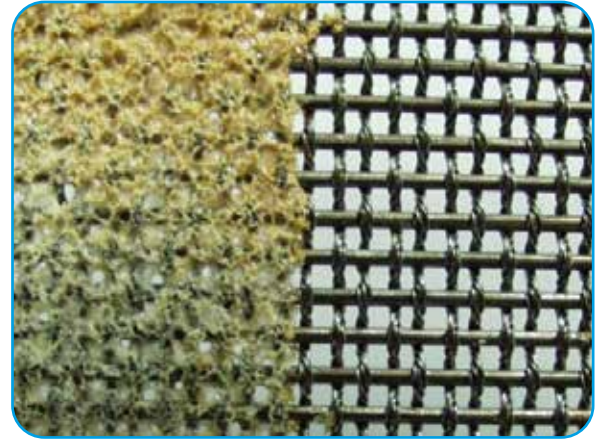
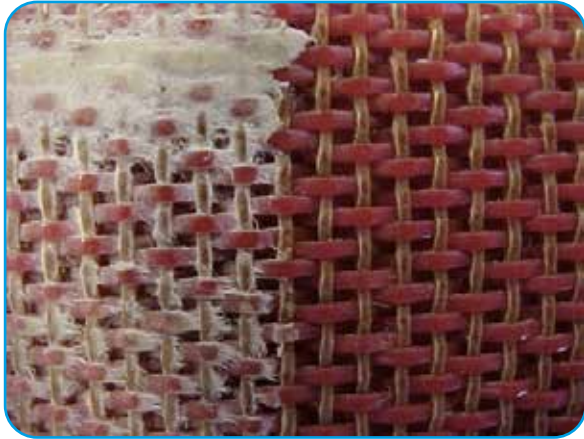


Cleaning Head in Maintenance Position

Maintenance

To minimize system downtime during required maintenance, every Power Cleaner 4000 is equipped with a self-cleaning wash system inside the cleaning head that provides an auto-wash cycle or maintenance. After a specified and programmable period of fabric cleaning, the ProJet cleaning head will automatically start an auto cleaning cycle. A flush water valve, with medium water pressure, is automatically opened to flush all contamination from the interior of the cleaning hood. The automatic cleaning cycle guarantees flawless operation during a 24 hour per day, 7 days per week production schedule.

The wash station park position is retracted from the roll to enable access. This offline location for the wash station provides complete accessibility for maintenance, nozzle can be changed during production, and the cleaning hood, in this off-line location, eliminates interference during a dryer fabric change.



What are the advantages of Continuous Conveyor Belt Cleaning?

Applying a ProJet Wire Cleaning Solution guarantees consistently clean belts from beginning to end of usable belt life. Consistently clean belts deliver the following significant manufacturing advantages:

- No chemical cleaning will be required to maintain belt cleanliness;
- No shutdowns will be required for belt cleaning. This will provide increased manufacturing productivity and profitability;
- Maintaining consistently high dryer belt air permeability increases available dryer capacity;
- Better CD moisture profiles will be maintained;
- Sheet curling, caused by uneven drying, will be eliminated;
- Dryer belt life will be substantially improved;
- Much less contamination will be deposited on dryers, doctor blades and felt rolls.



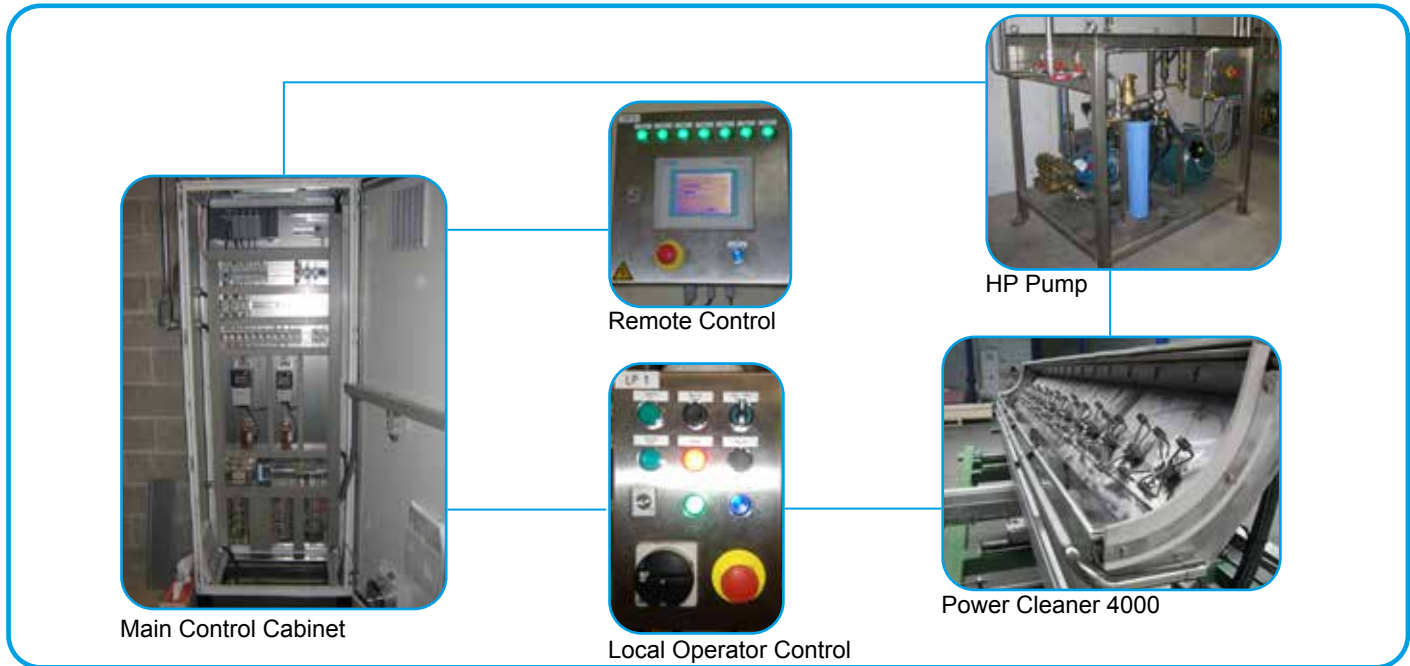
1. Long lifetime of fabrics: up to 70%;
2. Reduction of drying energy: up to 5%;
3. Reduction of breaks due to dirty fabrics: up to 100%;
4. Elimination of downtime for manual cleaning;
5. Higher speed possible due to improved drying: up to 5%;
6. Higher product quality.

Energy applied & Consumption

- HP Pump Pressure: up to 350bar / 5000psi;
- Multiple Nozzle (1-8), 0,2mm / .008";
- Water Consumption per Nozzle: 0,5l/min / 0.12g.min;
- Power: typically 12kW / 15hp;
- Air Consumption per meter width: 1 m³/min / 35CFM.



System layout/ scope of supply



Pump module: up to 2 cleaners can be supplied with one module.

The Pump module is completely assembled on a stainless steel frame, with integrated high pressure filters installed. All safety components, to include pressure switches, temperature switches, solenoid valves, pressure regulator, etc. are included in the pump module supply. The pump module is completely pre-assembled with stainless steel piping and all electrical connections terminated in a junction box that is part of the pump module supply.

Control system: up to 2 cleaners. Can be controlled with one system.

A central control cabinet is supplied with single or multiple ProJet cleaning system installations. In addition, each cleaner is supplied with a local control case. As an option, a touch panel control case will be supplied for remote control of all ProJet systems from a control room or other central locations.

