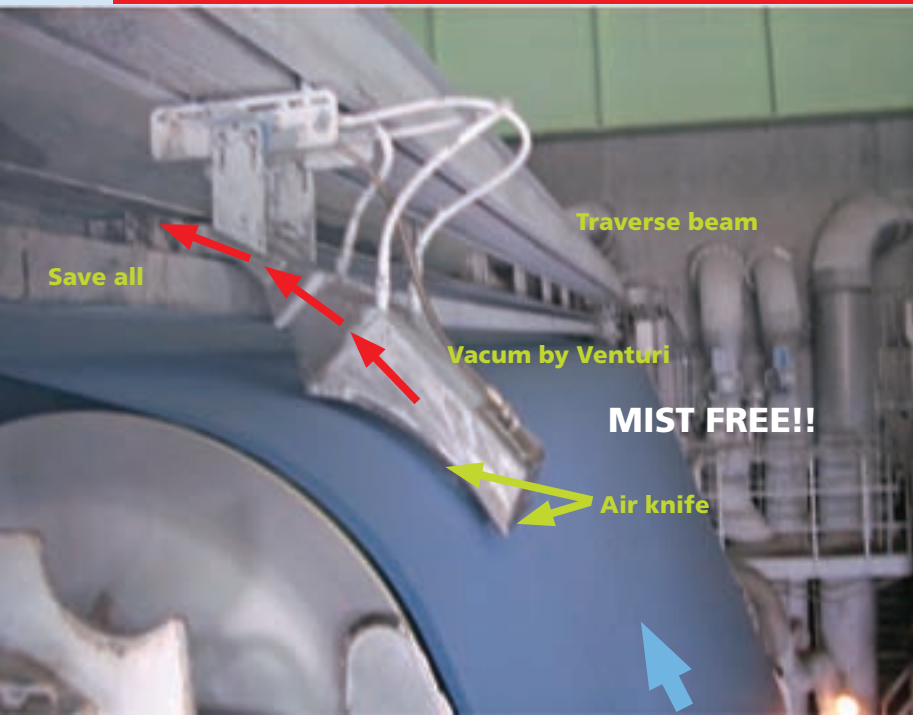


High Pressure Oscillating Cleaner for Forming Wires & Press Felts



General

POWERCleaner, Type F & P

The PowerCleaner Type F and Type P, are continuous High Pressure Traversing Showers, with fixed needle jets is designed for the wet section of paper-, board- and tissue-machines.

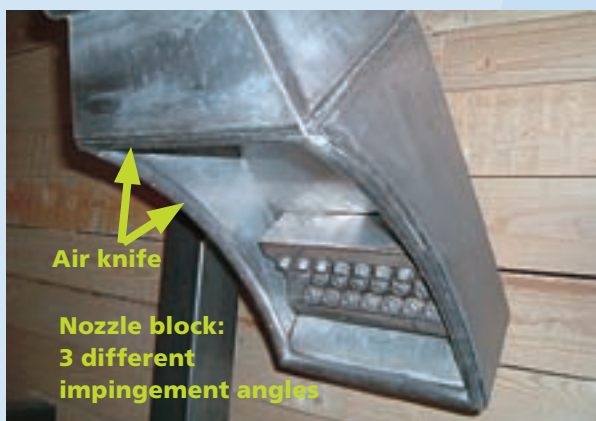
Features & Benefits:

1. Mist free operation because of airknives
2. Strip cleaning or edge cleaning possible
3. No more dirty streaks caused by clogged nozzles, because nozzles cover the entire fabric width
4. Three (3) Different nozzle angles: enhanced cleaning
5. Much lower water consumption (5 ltr/min vs. >100ltr/min)
6. Discharge of impurities outside machine
7. Park position outside machine: possible nozzle change during production & automatic self cleaning

Mist Free



Features



Energy data, Type F (Forming Fabrics):

Maximum pressure:

120 bar (1800 psig)

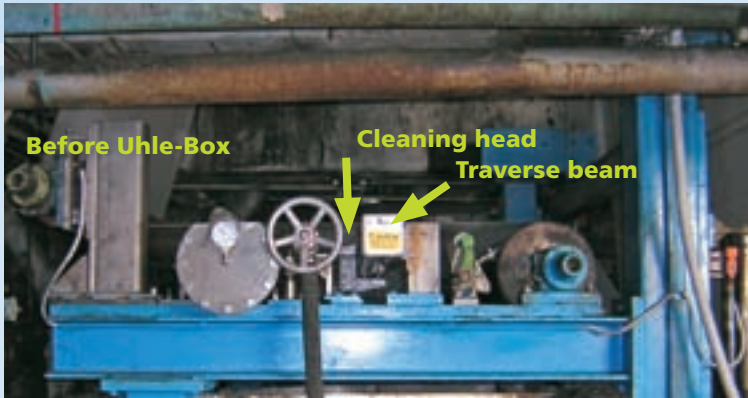
Water consumption:

5 l/min (1.2 GPM)

Compressed air consumption:

1.0 m3/min (35 CFM)

On Press Felt



Energy data, Type P (Press Felts):

Maximum pressure:

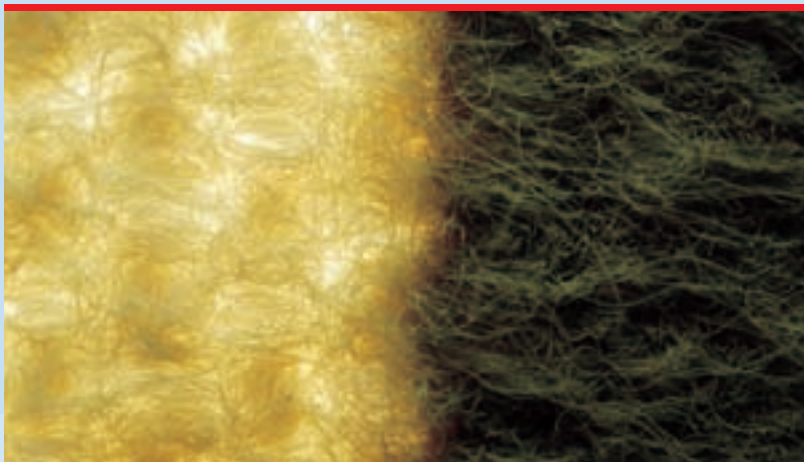
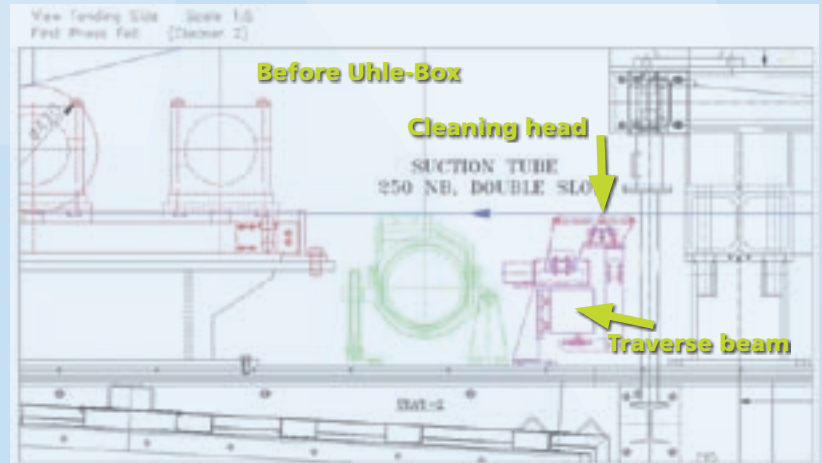
50 bar (700 psig)

Water consumption:

<4 l/min (<1.2 GPM)

Compressed air consumption:

1.0 m³/min (35 CFM)



Linerboard, Pick up felt

Return on Investment

1. Longer lifetime of felts: up to 70%
2. Reduction of breaks due to dirty felts: up to 100%
3. Elimination of downtime for manual cleaning
4. Reduction of chemicals: up to 100%
5. Elimination of downgrades caused by marking on the sheet by stickies on rolls or fabrics.
6. Better CD profile: up to 0.7% dryness increase coming out of Press Section
7. Elimination of HP shower: Reduction of water consumption: 100 liter/min >> 5 liter/min



Up to 4 Cleaners on 1 Pumpstation



Up to 4 Cleaners on 1 Control System

System Layout