

Emcebee Cleanflow®

Web cleaning system HS65BT



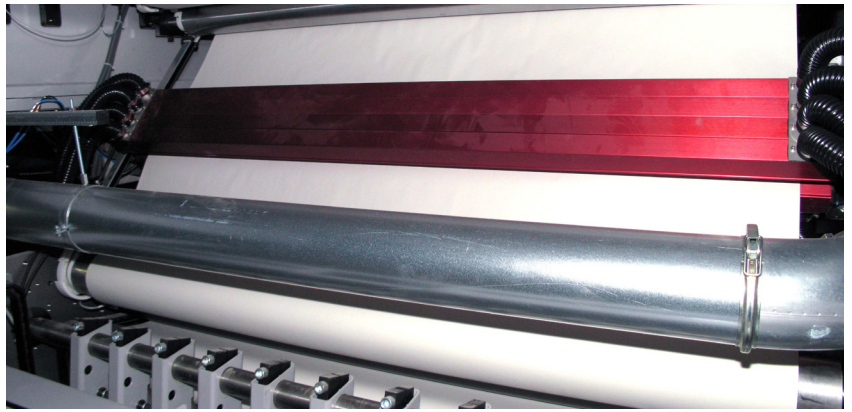
Emcebee industrial technologies b.v. has for more than fifteen years been specialising in field of web cleaning, reel to reel as well as reel to sheet. The web cleaning systems produced by Emcebee are marketed under the name Cleanflow®.

Originally Cleanflow® has been developed to improve the condition of material to be processed in the paper and cardboard printing industry. Emcebee has earned a sound reputation in the cardboard and packaging industry and is the preferred supplier with major sheeter manufacturers.



Emcebee Cleanflow®

Web cleaning system HS65BT



Fully integrated Cleanflow® web cleaning unit in modern Autopaster.

The system The Emcebee Cleanflow® removes all loose fibres and coating particles before they can build up on the rubber blankets, this will not be accomplished by conventional vacuuming. The combination of under pressure, air speed and ionisation lifts dust particles and loose fibres from the running web at production speeds, even at speeds higher than 18 m/sec. The exhausted particles and dust from the coating is discharged via a self cleaning Jet-Filter and collected.

An unsolved dust problem eventually will cause:

- contamination of ink, inking rollers and fountain blades
- disturbance in the printing in the printing process
- reduced print quality, requiring adjustment by the operator
- frequent press washings
- wear of the machine
- built-up by dust

Assembly and components

- Emcebee Cleanflow® cleaning head with active ionisation.
- Self-cleaning filter unit.
- Connecting pipework etc.

The modular built-up allows for any extension that may be needed in future.

The system can be manufactured for any realistic web width. Field add-on is always possible due to the compact construction.

System characteristics and advantages

- removes paper dust, trim, loose coating, lint and other residue
- considerable reduction of wash operations (often over 80%), extension of production time
- increased life span of blankets, printing plates and press
- blankets maintain the correct thickness resulting in stable register and density
- ink- and water balance is less affected demanding fewer adjustments
- improved and stabilized print-quality
- less labour and expenses for safety
- improved productivity
- reduction of pollution
- material savings due to waste reduction



Self-cleaning dust filter unit. Maintenance-free with automated reverse jet-cleaning system.



Single narrow web stand-alone Cleanflow® application.



Cleanflow® in a cold set application .

