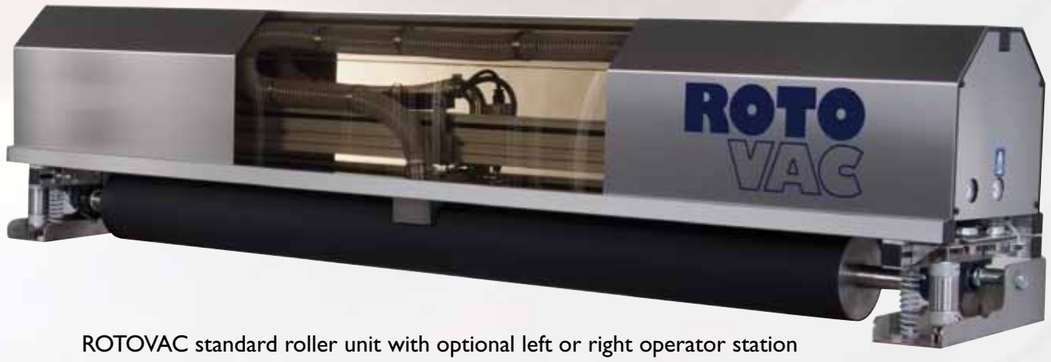
www.roto-vac.com

technical data

Process Widths	1200 – 3200 mm
Process Speeds	5 – 100 metres/min
Power Supplies	380-415V 50Hz 460-480V 60Hz
Power Rating	6 KW
Water Consumption	1.5 Litres/min
Water Connection	15 mm
Air Supply	2 – 8 bar (6mm)
Discharge Connection	50mm

The above technical data relates to a standard ROTOVAC system. For additional information relating to process widths or process speeds email our technical department at:

rotovac@technijet.com



ROTOVAC standard roller unit with optional left or right operator station

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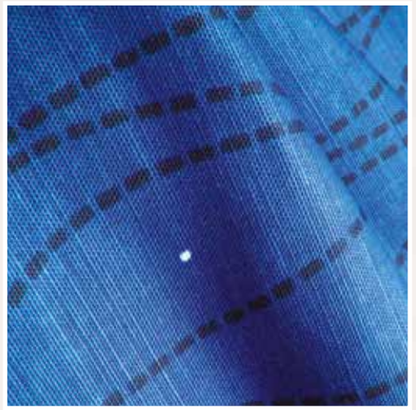

continual lint & dust removal

ROTO VAC

a unique solution

For over a decade Technijet has been designing, producing and installing advanced wash systems for the textile printing industry where cleaning systems are essential to the smooth process operation.

Technijet have always responded to the challenges set by the industry and ROTOVAC is a direct development of that process, bringing together and creating advanced technologies to revolutionise the pre-cleaning of printing substrates.

Technijet have worked closely with the textile printing industry in the development of the ROTOVAC technologies to ensure a level of performance which makes a substantive and measurable difference to process costs and final production quality.

The ROTOVAC is now used in factories around the world to reduce and solve the problems of lint pick up from pre-printed fabric.

Through the continual development of ROTOVAC technology the second generation models are now available. The new generation design offer maximum performance for the operator and includes full operator interface technology ensuring continual monitored performance.

Available to suit all print widths and process speeds for either rotary or flat screen printing systems.

how it works

ROTOVAC uses a specially formulated semi permanent adhesive coated roller. The adhesive level has been carefully developed to optimise process effectiveness to ensure consistent operation throughout consecutive print runs, removing lint and debris on a continual basis directly before the first screen print position. The roller itself is rubber coated with a surface ground finish, it is supplied with a lift and lower mechanism incorporating fine adjustments to ensure flotation above the fabric so optimising debris removal.

The system's unique patented oscillating cleaning head, positioned above the roller, removes lint and debris that has adhered to the roller surface; whilst simultaneously the ROTOVAC control system automatically detects roller and fabric speed, allowing for varying operating speeds, as well as automatic starting and stopping without operator intervention.

The lint and debris removed is carried away to a central control and service pack that continually monitors its own performance, ensuring minimum operator intervention.

Introducing the second generation ROTOVAC

The second generation ROTOVAC offer maximum effectiveness for lint and debris removal from pre-printed fabric. They are available for both Rotary and Flat screen printing systems and suit all fabric types, process speeds and process widths.

New advanced technology within the ROTOVAC include a self cleaning vacuum system, designed to continually discharge the lint contaminated water ensuring continual operation with minimal operator intervention. Additionally the electronic control system is self monitoring so ensures maximum effectiveness during operation.

These together with a light weight durable construction and ease of installation make it the most advanced system for lint, dust and debris removal on the market today.

The ROTOVAC control pack can be positioned in any location around the ROTOVAC roller system. It is supplied as standard with 5 meters of service connections so only requires an electrical connection, clean water and compressed air to become fully functional.

Clear screen display with continual information ensures optimal performance and ease of operation.

advanced

An operator interface with advanced electronic control and clear view display panel, allows a total control of all ROTOVAC functions. The system is also equipped with self diagnostic software to ensure performance is maintained whilst offering continual running.

Automatic start / stop systems work in connection with the print machine or process line requirements to minimise operator intervention.

Additionally the multi-functional control panel offers a roller cleaning and adhesive application mode to ensure performance and speeds are optimised.

precision

Electronic roller cleaning limit positions maximise the available performance for the lint and dust removal, ensuring the effected lint pick up area of the roller is continually cleaned. Linked also with periodic full roller cleaning ensures minimal build up of debris occur to the outer roller edges.

Left and Right handed operator stations are available at time of order, depending on print machine configuration and specific customer requirements.

unique

The unique roller floatation design ensures maximum lint and dust removal, it ensures all fabric types can be processed without causing fabric distortion or damage.

Roller cleaning speeds and lint removal rates are easily variable, depending on fabric types and the process final requirements. Factory default settings are installed to ensure performance is guaranteed on installation and start up.

control

Machine installation is made simple to minimise line stoppage times. Access to the roller unit is also made simple so cleaning can be effected on a regular bases with a minimal stoppage time.

All service connections are located for ease of installation and inspection.

Finally the adhesive application is assisted with the pneumatically lifted cover and automated roller rotation during application. This provides both a consistent and regular adhesive surface, with minimal stoppage or process down time.

Together this maximises lint, dust and debris removal and offers total control to the operator.