



The ROTO-VAC system has a Smart Innovation award, from the UK Department of Trade & Industry.



a unique solution



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creative solutions

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

The Company has an enviable reputation for the innovations it has brought to the cleaning process and this is no better demonstrated than in the development of ROTOVAC. We have always responded to the challenges set by industry and ROTOVAC is a direct development bringing together advanced technologies to revolutionise the pre-cleaning of printing substrates.

Technijet has worked closely with the textile printing industry in the development of ROTOVAC technology to ensure a level of performance which makes a substantive and measurable difference to process costs.

The printing industry is excited by the advent of ROTOVAC technology; many customers are already encouraging our design team to further develop the technology enabling other processes to benefit from this unique dust and lint removal system.



ROTO
VAC

improve

The identifiable changes that come with the installation and operation of a ROTOVAC system can, through the effective removal of lint and dust, give improvements to print definition and clarity.

increase

The productivity increases that come from fewer screen blockages and the constant need for screen cleaning are only evident when your print machine is fitted with ROTOVAC.

reduce

Significant savings are made with ROTOVAC technology when the downtime for screen cleaning can be more than halved, the need for after-printing checks and painting-in is also reduced leading to the whole process becoming less labour intensive.

advanced

ROTOVAC is an innovative system that utilises only components of the very highest quality and specification, together with a design that is compact and functional. The system uses an advanced adhesive which has proved itself in continual use.

versatile

ROTOVAC is available for machines of different print width operations, has variable settings to suit different fabric types and process speeds. ROTOVAC is simple to install fitting directly before the first printing screen.

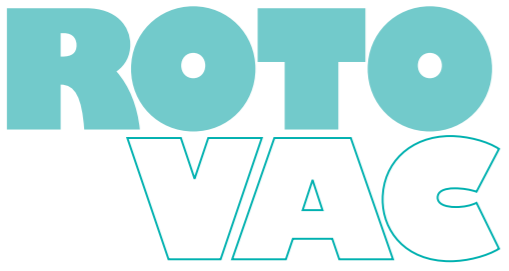
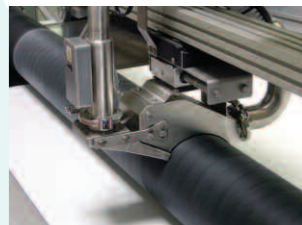
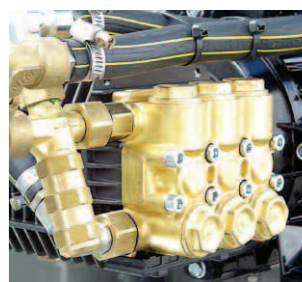
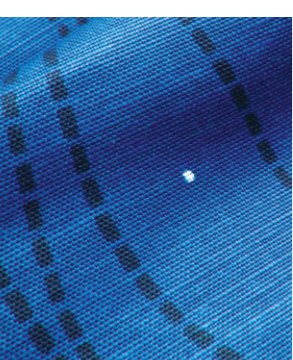
unique

The award winning ROTOVAC system provides accurate adhesive roller flotation optimising performance whilst ensuring lint removal by its unique high pressure roller cleaning device.

controlled

ROTOVAC systems are designed to continually monitor their performance. ROTOVAC operates continually and has a number of safety protection devices as well as a self diagnostic control system which means there is minimal need for operator involvement.

ROTOVAC also links directly to the print machine control systems to ensure a totally integrated process.



specification

ROTOVAC uses a specially formulated semi permanent adhesive coated roller. The adhesive level has been carefully developed to optimise process effectiveness and ensure consistent operation throughout consecutive print runs. 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 to optimise debris removal.

ROTOVAC adhesive will not bleed through, stain or wrinkle the fabric and its low peel strength allows even lightweight materials or tissues to be lifted repeatedly.

The system's unique 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 any operator intervention.

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

ROTOVAC is constructed from stainless steel and corrosive resistant materials. It is supplied ready for installation on to any print machine or process equipment and requires connection to a clean water supply, simple water discharge line, electrical power and compressed air.

A standard ROTOVAC is supplied with 12, 500ml containers of ROTOVAC spray adhesive, sufficient for processing up to 720km of fabric when installed on to a standard printing line.

Technical data RVI

Process width	1200 - 3200 mm
Process speed	5 - 50 metres/min
Power	380-415/460-480 50Hz/60Hz
Power consumption	25 amps
Fluid inlet connection	1/2" water
Fluid consumption	1.5 litres/min
Discharge connection	1/2" effluent
Discharge rate	1.5 litres / min

The above technical data refers to a standard RVI system. For additional information relating to process width and process speeds contact our technical sales department:
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