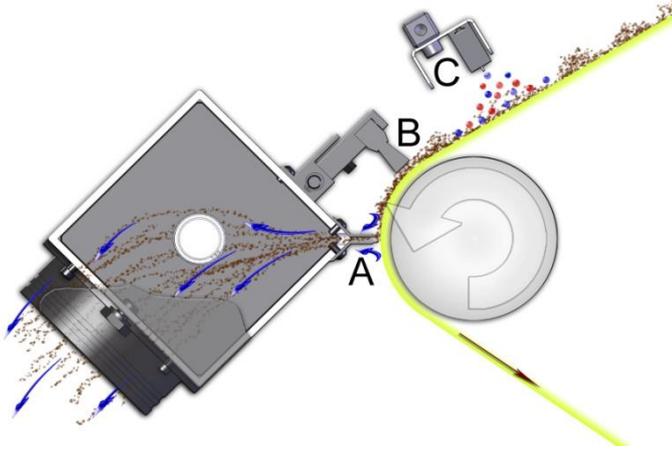


JETCLEAN

- The new approach in web cleaning

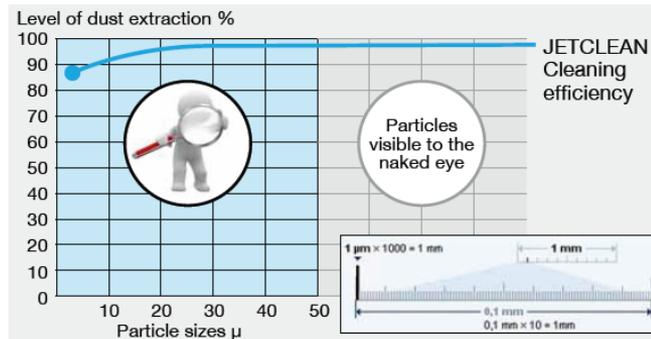


The **JETclean** surface cleaner is a non-contact cleaning system based on a new method that allows much higher air velocities at the extraction point. It combines the latest advances in aerodynamic airflow technology and the electrostatic discharge of the substrate before the cleaning process. The modules have a working width up to 10m and are available as a one-sided or two-sided installation. In order to simplify its integration into existing machinery, a special adapter has been developed which can be mounted on existing shaft extensions or on the side frame of a machine. Its compact design minimises the amount of installation space required.

Application

- Printing and paper industry
- Foils and laminates
- Aluminium and thin sheets
- Cardboard and corrugated board
- Panel industry (wood, plastic)
- Specially developed for moving substrates
- Clean room

CLEANING EFFICIENCY

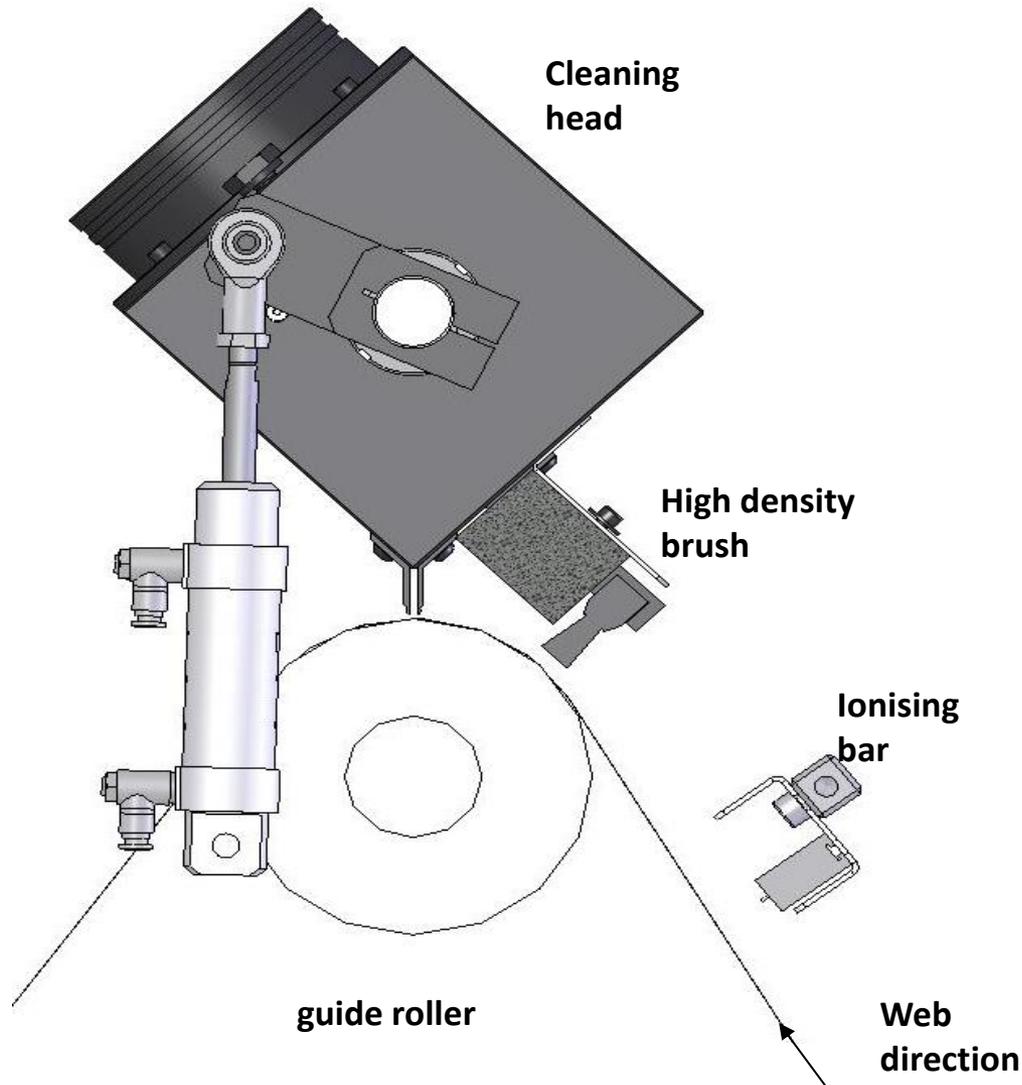


Benefits

- Removal of 99.5% of loose particles ($>30\mu\text{m}$)
- Maintenance free installation / No wear parts
- Easy assembly, can be installed in all machines
- Continuously consistent level of cleaning

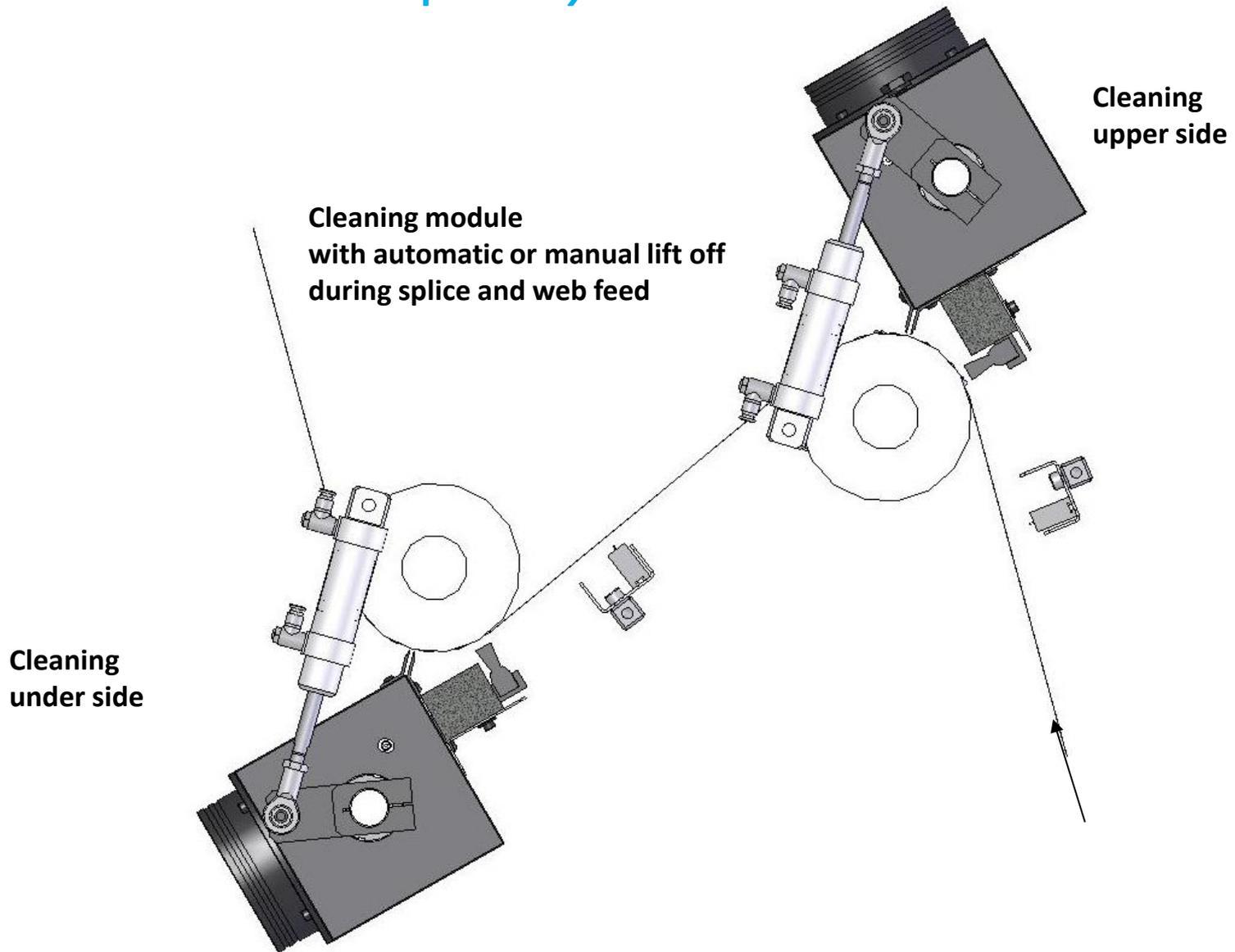
JETCLEAN

- Which components are needed?



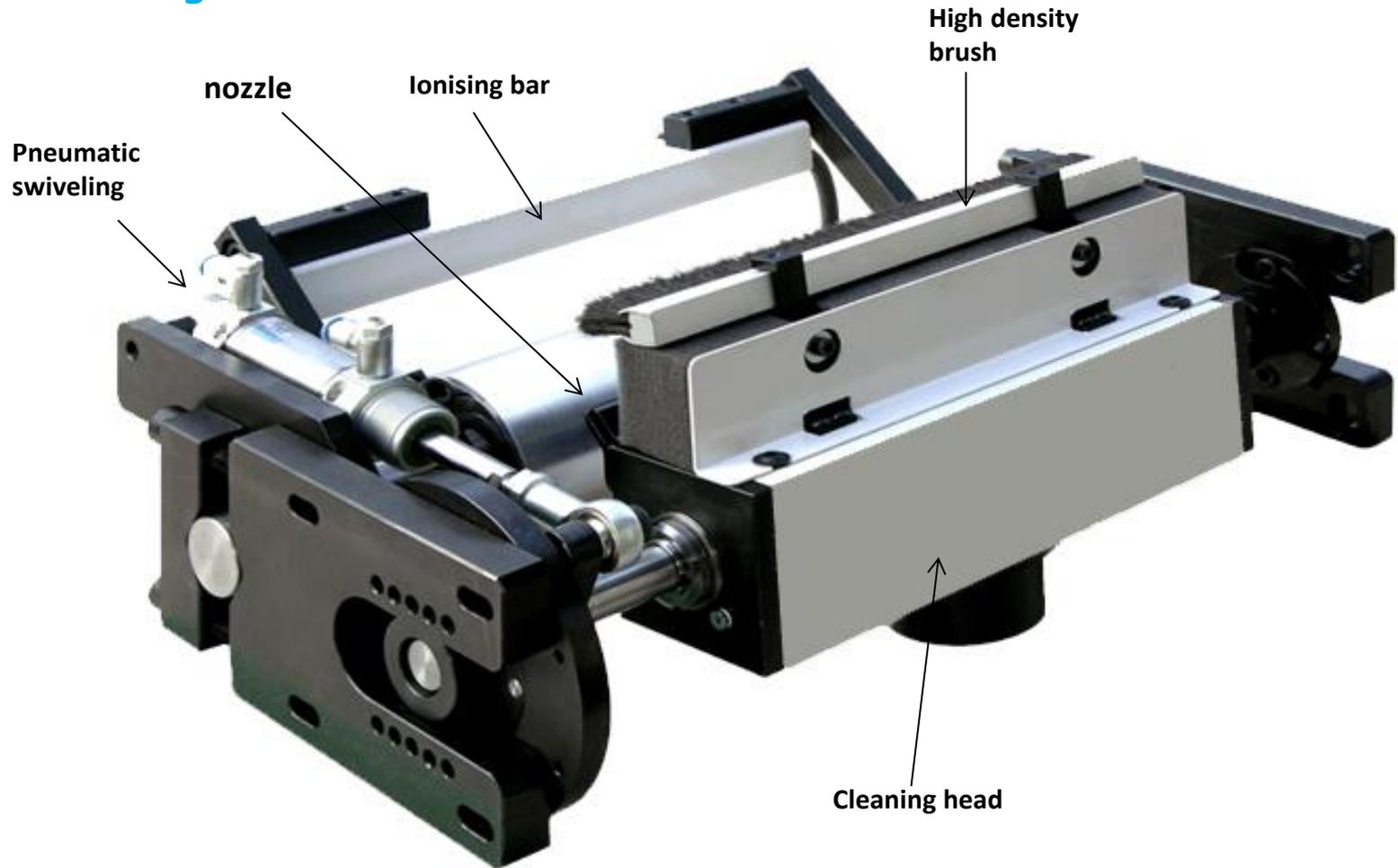
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- How does one compose a system?



JETCLEAN

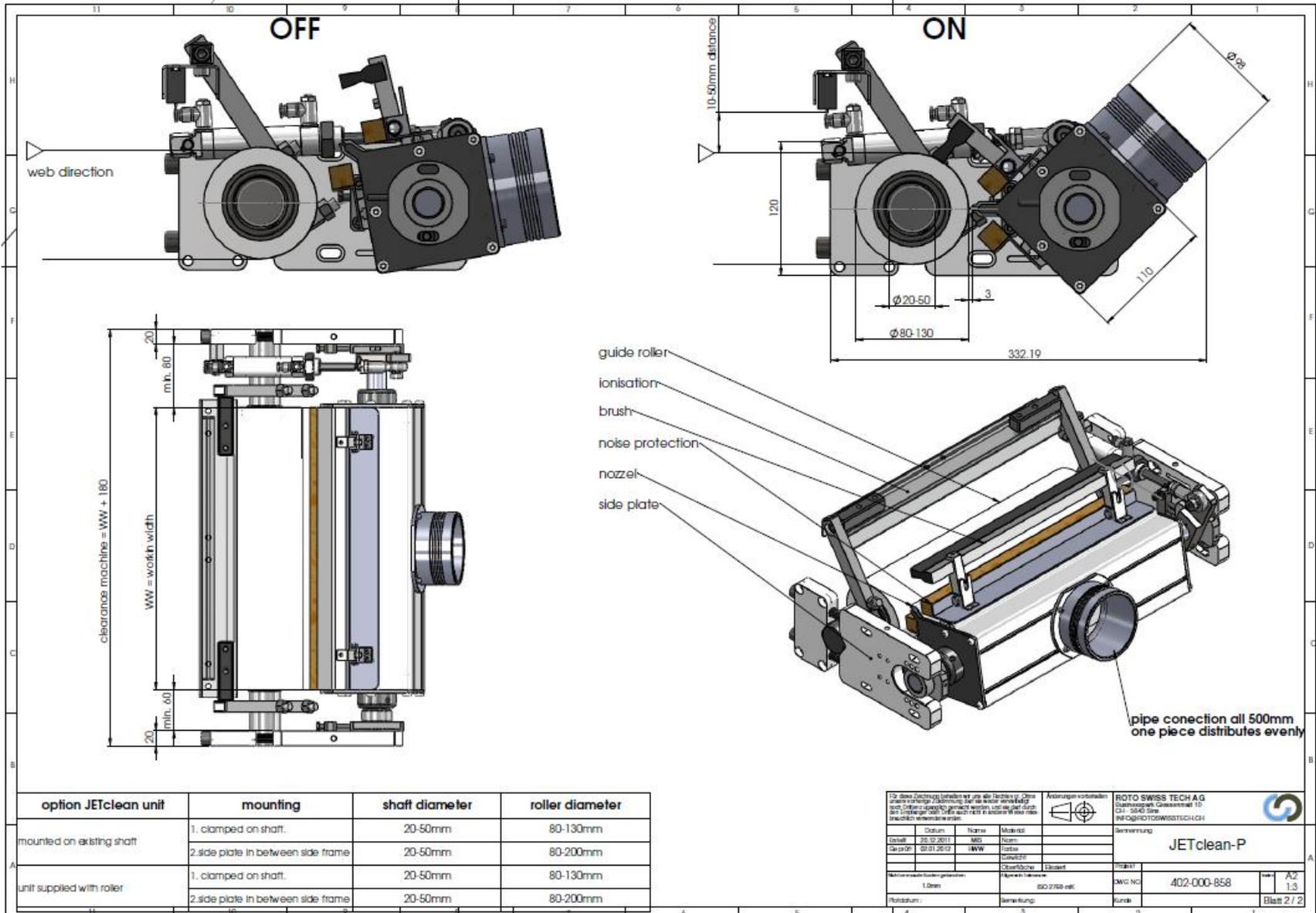
- *singel unit*



Single module designed to be clamped on existing guiding rollers or in-between the side plates

JETCLEAN

- single unit drawing

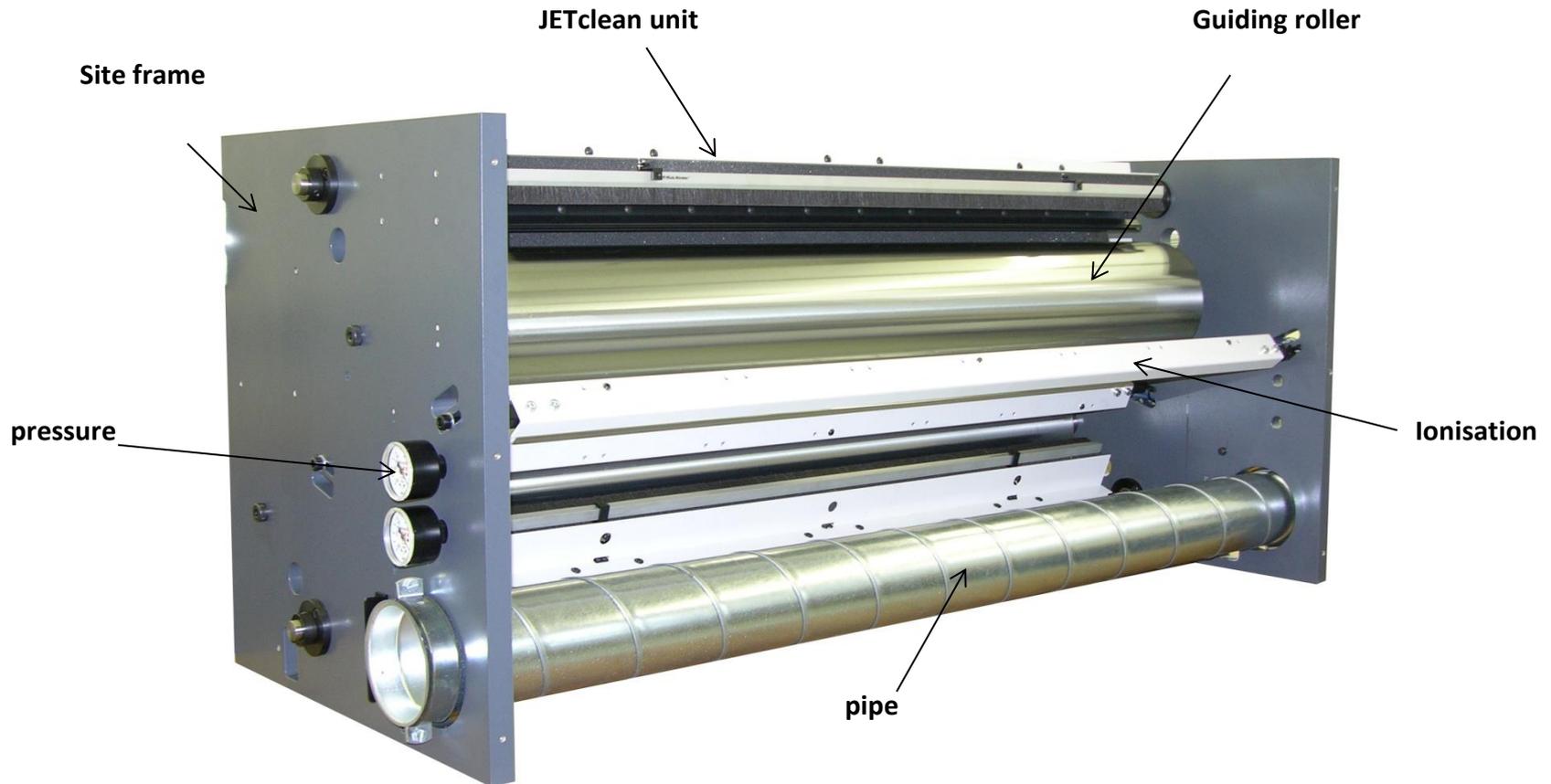


option JETclean unit	mounting	shaft diameter	roller diameter
mounted on existing shaft	1. clamped on shaft.	20-50mm	80-130mm
	2. side plate in between side frame	20-50mm	80-200mm
unit supplied with roller	1. clamped on shaft.	20-50mm	80-130mm
	2. side plate in between side frame	20-50mm	80-200mm

<small>Die hier gezeichneten Bauteile sind nur als Zeichnung ohne Gewährleistung zu betrachten. Sie sind nicht abschließend über die Ausführung zu entscheiden, sondern sind durch die Lieferunterlagen zu prüfen. Bei Änderungen sind die Bauteile entsprechend zu ändern.</small>				<small>Änderungen vorbehalten</small>		ROTO SWISS TECH AG Steinwegpark Glesennest 10 CH-5040 Sene INFO@ROTOISSWISSTECH.CH	
Datum: 20.12.2011 Gezeichnet: 20.01.2013	Name: MS Firmen: HW	Material: Norm: Farbe: Oberfläche: Elaxiert	Zeichnung: Blatt: Blatt:	Bezeichnung: JETclean-P	Zeichnung: Blatt:	Stück: A2 1.3	Blatt 2 / 2
Maßstab: 1:1 Datum: 20.12.2011		Material: 600 2760 mit	Zeichnung:	Stück: 402-000-858	Blatt:	Blatt:	Blatt:

JETCLEAN

- technical lay out



JETCLEAN

- Filter systems



JETFILTER ST

JETfilter ST Filter box with fan, filter unit, noise protection and control combined as a compact unit. Installation possible as a fixed or mobile unit. Fan power of 1.5 - 7.5 KW. Filter volume 40 sqm/h oder 80 sqm/h. The filter housing is simultaneously used as noise protection.



JETFILTER 2500 / 4000 / 6000 / 12000

JETfilter 2500 / 4000 / 6000 / 12000 is used as a standalone filter unit, if several surface cleaning systems are used on one machine. The filter unit is developed for demanding tasks and pollutants are reduced to a minimum. The filter material corresponds to the BIGA category M and H with options for PTFE membranes. The filter materials are antistatic, water- and oil-repellent. The electronic filter control ensures the automatic self-cleaning.

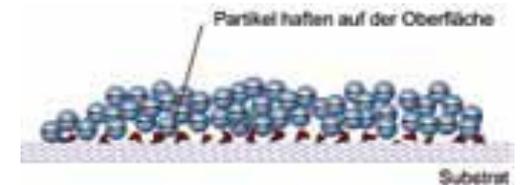
JETCLEAN

- *Static discharge*



IONISATION

Active ionisation as a highly effective system for the optimum product quality in the industrial sector. Fitted with a high-performance mains adapter, which is used for controlling monitoring optionally. The highly efficient discharge electrode offers an ideal discharge power with sections that move fast at low residue charging rates. Emitters with high-voltage compliant resistances make the electrode safe for contact and give it best passive properties. The electrodes are approved for use in the EX area. The electrode and the cast-in high-voltage cable can be washed off and easily cleaned.



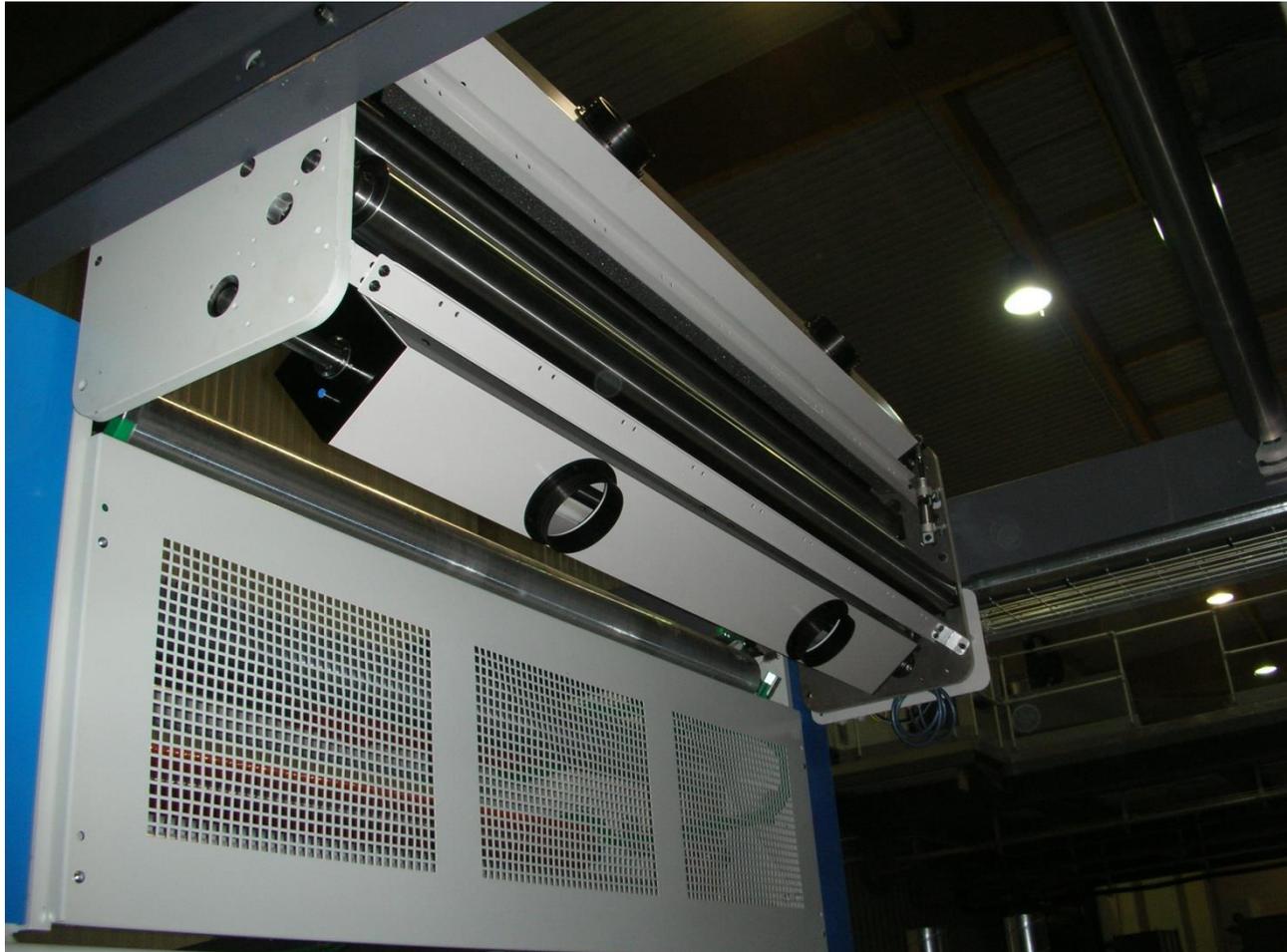
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- Example news paper machine



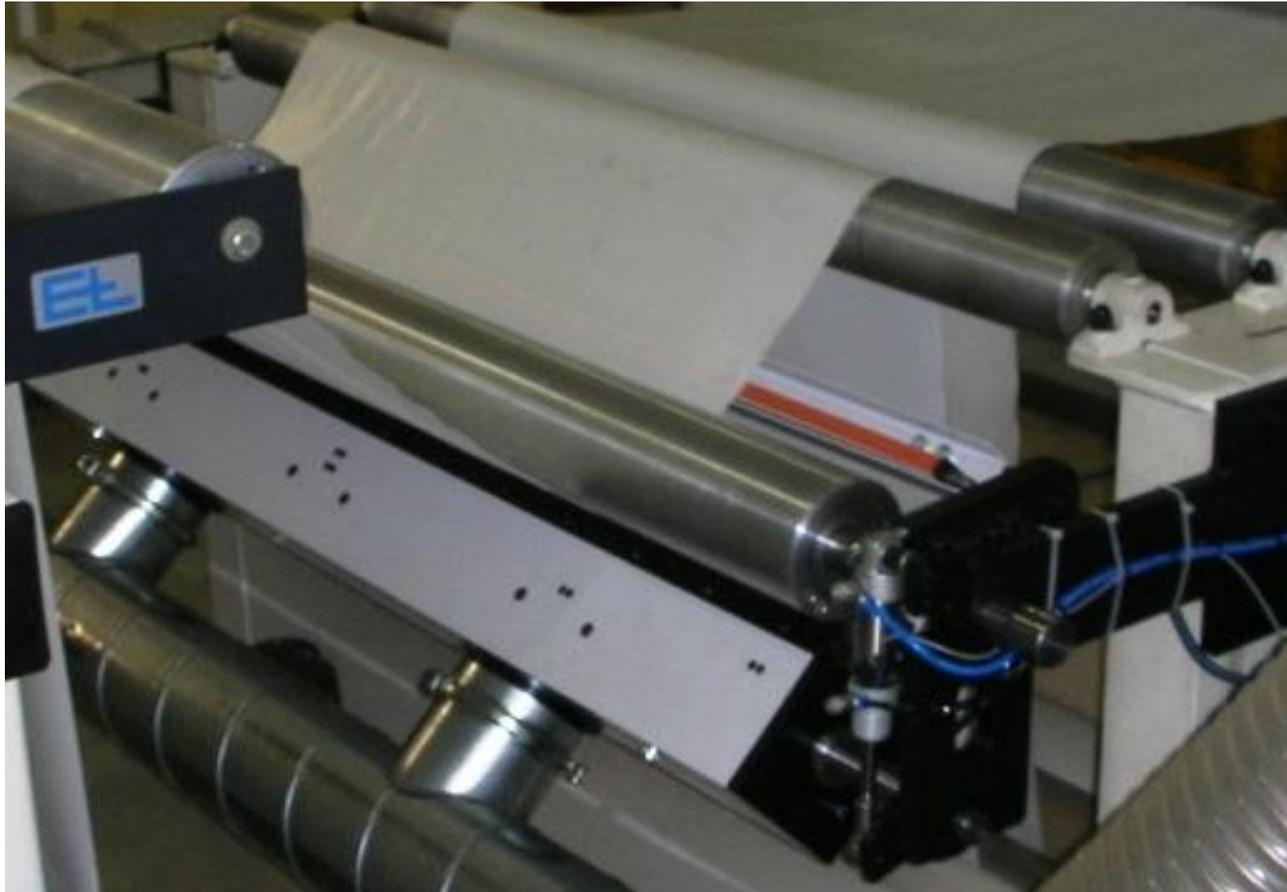
JETCLEAN

- Samples news paper machine



JETCLEAN

- Samples label machine



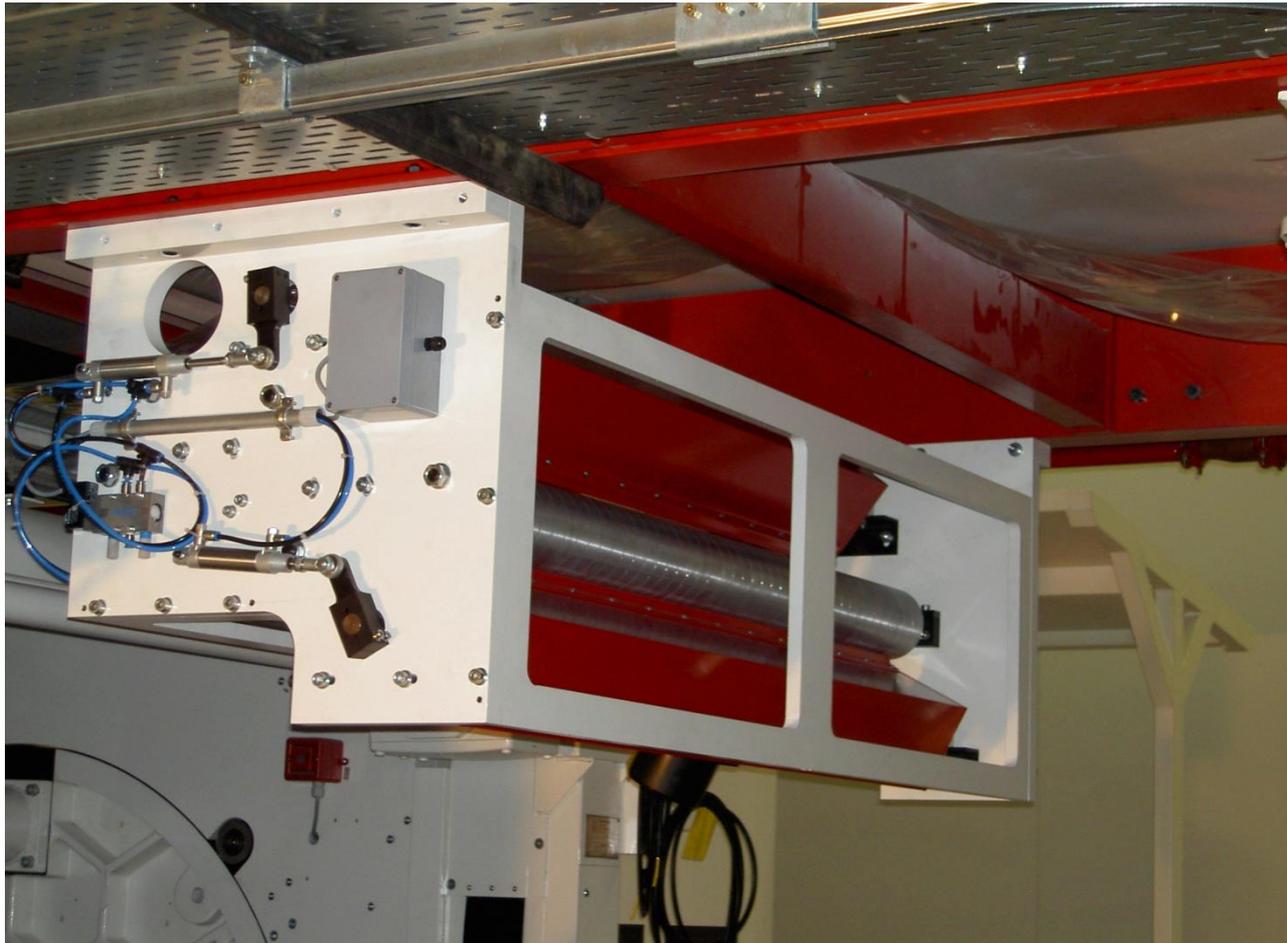
JETCLEAN

- Samples paper machine



JETCLEAN

- Samples flexo press machine



JETCLEAN

- Samples laminator machine

