



Static electricity is generated when paper and plastic webs, or sheets, are being processed. The dust particles adhere electrostatically to the surface. Quality deteriorates due to this type of contamination, particularly when the products have to be printed.

Neutro-Vac systems have been designed to neutralise static charges and, at the same time, to remove particles as small as 25 microns, even at higher velocities!

Each Neutro-Vac system is designed to meet specific production requirements. A variety of vacuum hood configurations and dustcollectors are available to ensure maximum cleaning and static neutralisation. For all web widths there are vacuum hoods for non-contact cleaning or brush cleaning.

NEUTRO-VAC HOOD

Neutro-Vac side-draft hood. The sophisticated suction nozzle ensures optimal dust collection. The static charge is neutralised by the anti-static bar. A brush together with an air swirl caused by the air tube ensures that the contamination is quickly released from the carrier material.



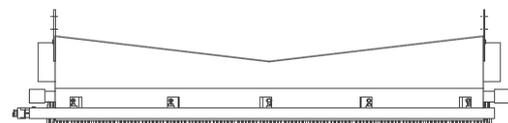
Depending on the working width and therefore the number of hose connections, there are various of installation types.

Working width		Hose Connection		
Min	Max	Position	Amount	Diameter
150	750	S	1	50
751	2350	S	2	80
2350	3550	T	3	100

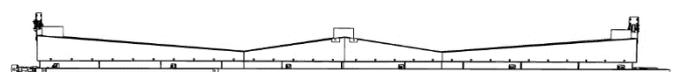
Number of hose connections depending on the working width



Simple suction sideward



Double suction double-sided



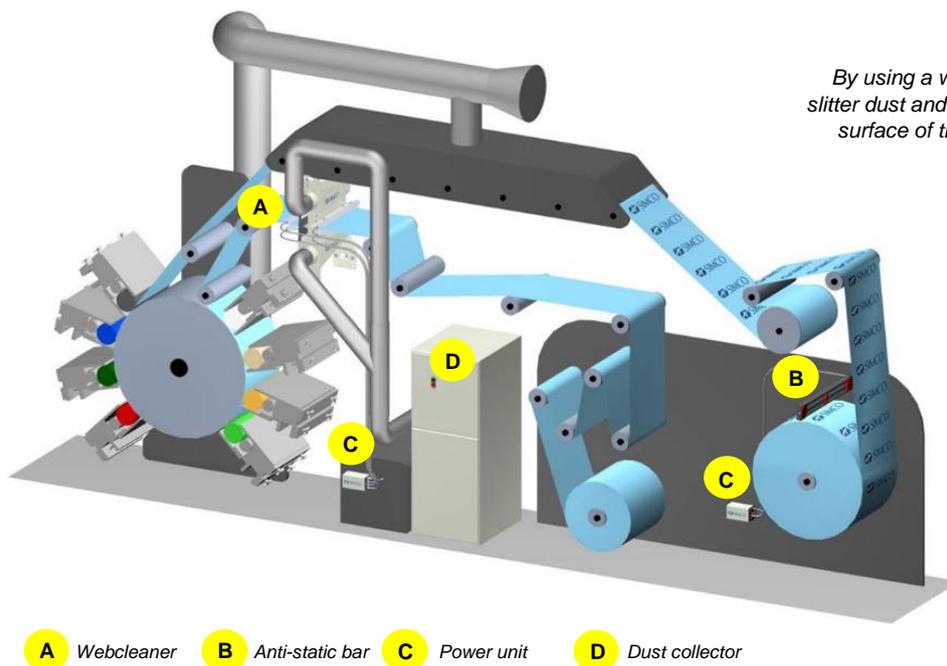
Triple suction on top

TECHNICAL SPECIFICATIONS

Neutro-Vac			
Working distance	6 - 12 mm	Use circumstances	Industrial
Working width	Depends on length	Operating voltage	7 kV AC / 24 V DC
Housing material	Stainless steel, powdercoating	Brush	Nylon
Ionizing bar material	Aluminium, PVC; glass fiber	Connection Airtube	9 mm Ø
Ionisation point	Special alloy	Airpressure	0,35 - 0,7 bar
Cable	Metal shielded	Air consumption	17 - 34 Nm ³ /h
Weight	Depending on size	Option	Vacuum measuring set
Ambient temperature	0 - 55 °C	Suitable power unit	A2A7S / 24 V

Thanks to its versatility the Neutro-Vac system is suited for almost any application. Being flexible as well, the configuration can be adjusted to the machine.

The Neutro-Vac can be used in a variety of applications, for instance on printing machines, slitters, cartoning machines, textile machines etc. Webcleaning systems effectively remove slitter dust and other contaminants from the surface of films prior to printing.



Flexoprint machine

By using a web cleaning system, the problem of slitter dust and environmental contaminants on the surface of the film is eliminated and a high print quality is achieved