

PCB - DRILLING
ROUTING & SCORING

Company



Technology, innovation at the highest levels and good Italian design as easily understandable by the company name are the building blocks of the company's DNA.

Thanks to the long and deep experience of its staff in the specific sector, the company produces „customer oriented“ wheeled vacuum cleaners that can be adapted to the most varied needs. It ranks on the world market as one of the few companies that can boast a series of products that make use of both centrifugal fans and powerful side channel turbines, thus offering a very wide range of 360 ° products, adaptable to any application sector and usable in any work environment.

The corporate philosophy that animates Italyvacuum does not accept downward compromises and adopts absolutely cutting-edge construction and design systems in the sector, the result of precise mathematical

RESEARCH AND DEVELOPMENT

Thanks to its cutting-edge technological innovations in this competitive sector, Italyvacuum proposes itself not only as a supplier of vacuum cleaners but as a partner with whom to develop highly customized projects too. High-quality components, very low maintenance costs and an extreme ease of use make Italyvacuum products a sure key to success by maximizing investment and shortening amortization times for anyone who purchases them.



calculations which combined with the experience of its staff have guided the company towards precise purely technical choices such as:

- **Integrated cyclonic system with tangential inlet** of the aspirated material on all the models thus eliminating the maintenance of the filters. The first company in the world to offer this performance across the whole range.
- **Dedicated software and digital sensor system** for reading and consequent signaling to the operator of the level of contamination of the filters.
- **Filter cleaning systems in an exclusively automatic form** through special systems that combined together guarantee maximum efficiency over time. **Technological and innovative antigrip fabrics** used for filtering surfaces, the result of extensive research in the textile sector
- **Release of the containers in an extremely ergonomic form** thanks to the innovative vertical sliding slots obtained directly from the tubes that make up the frame.
- **New generation silencers with very high sound-absorbing performances** specially designed by the technicians of the R&D department that make Italyvacuum products the most silent in the sector.
- **Modular systems exclusively on wheels** that allow the assembly times to be zeroed, a rapid movement in the event of moving and positioning in any geometric shape in order to optimize each available space.



R & D at work



Touch screen technology



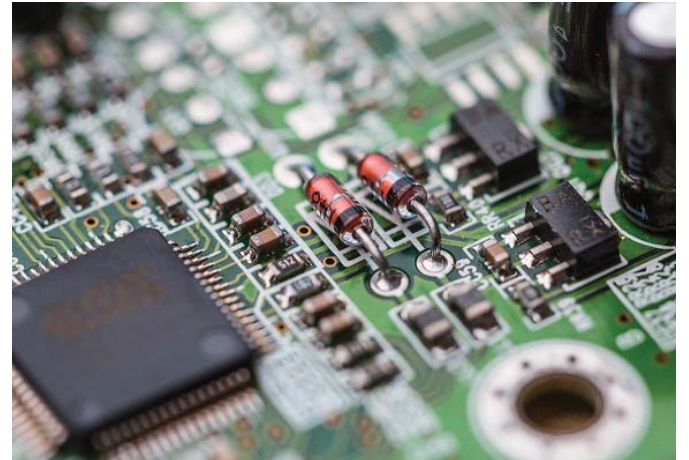
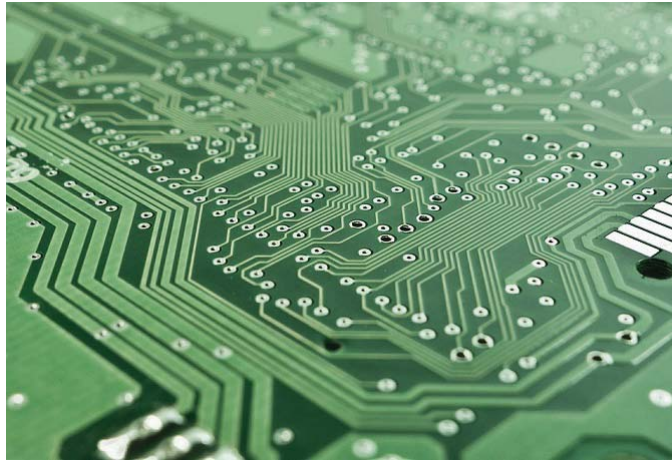
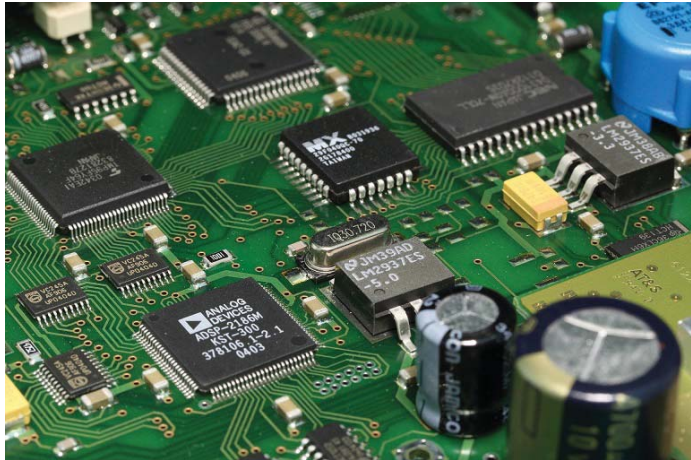
Internal workshop

SAVING ENERGY

Italyvacuum uses only high-efficiency premium or super-premium engines that significantly reduce energy consumption by rationalizing consumption responsibly. In addition to having a higher efficiency than conventional motors of the same power, they have a flatter efficiency curve when the load varies, so as to ensure high efficiency values even in the presence of load variations.



APPLICATIONS



PRODUCTS

UNIVERSAL 48 | medium size model | 110 Lt



VORTEX 58 | large model | 172 Lt

MAXI VORTEX 58 | extra large model | 172 Lt



TECHNICAL DATA SHEETS

UNIVERSAL 48

Power	kW	2,2	3	4
Tension	V / Hz	400 / 50	400 / 50	400 / 50
Inlet (tangential)	mm	1 x 100	1 x 100	1 x 100
Container capacity	Lt	110	110	110
Certification		CE	CE	CE
Air volume	m3/h	318 max.	318 max.	318 max.
Filter class		M	M	M
Filter material		Polyester	Polyester	Polyester
Negative pressure	mbar	210 max.	270 max.	320 max.

VORTEX 58 - MAXI VORTEX 58

Power	kW	5,5	7,5	12,5
Tension	V / Hz	400 / 50	400 / 50	400 / 50
Inlet (tangential)	mm	2 x 100	2 x 100	2 x 100
Container capacity	Lt	172	172	172
Certification		CE	CE	CE
Air volume	m3/h	550 max.	700 max.	1050 max.
Filter class		M	M	M
Filter material		Polyester	Polyester	Polyester
Negative pressure	mbar	270 max.	270 max.	320 max.



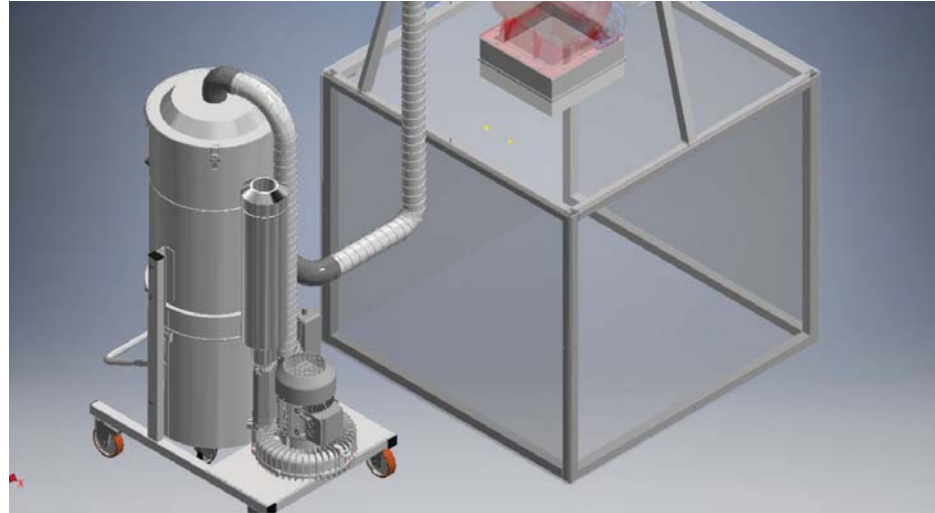
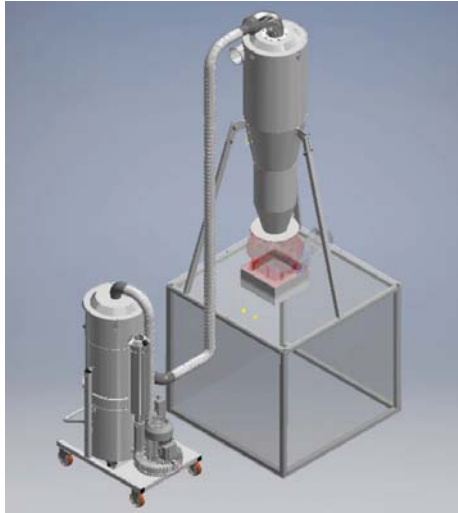


BRAND NEW TANGENTIAL INLET, WITH INTEGRATED CYCLONIC EFFECT :
Reduces the filter clogging + Increases the suction flow



HELIROTO 24 h

Available with 24-hour rotary valves - with outlet in
dumpster or big bag – from 5.5 to 25 kW



TWIN

With double cyclonic effect of the aspirated material | 2 x 172 Lt | from 5,5 kW to 25 kW



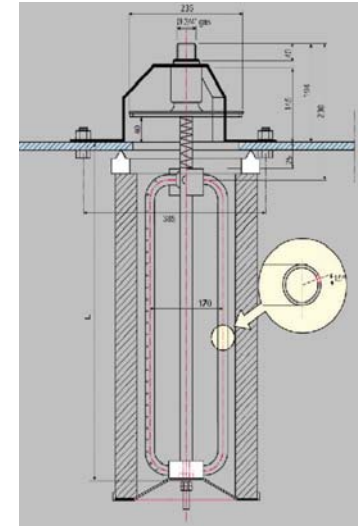
CENTRALIZED



TCS - Touch screen control station



Filters with automatically scheduled cleaning (rotojet)



Gates for optimized flow rate



Pedal for pneumatic solenoid valves



Accessories for machine cleaning



Load cells with digital display for full container signaling

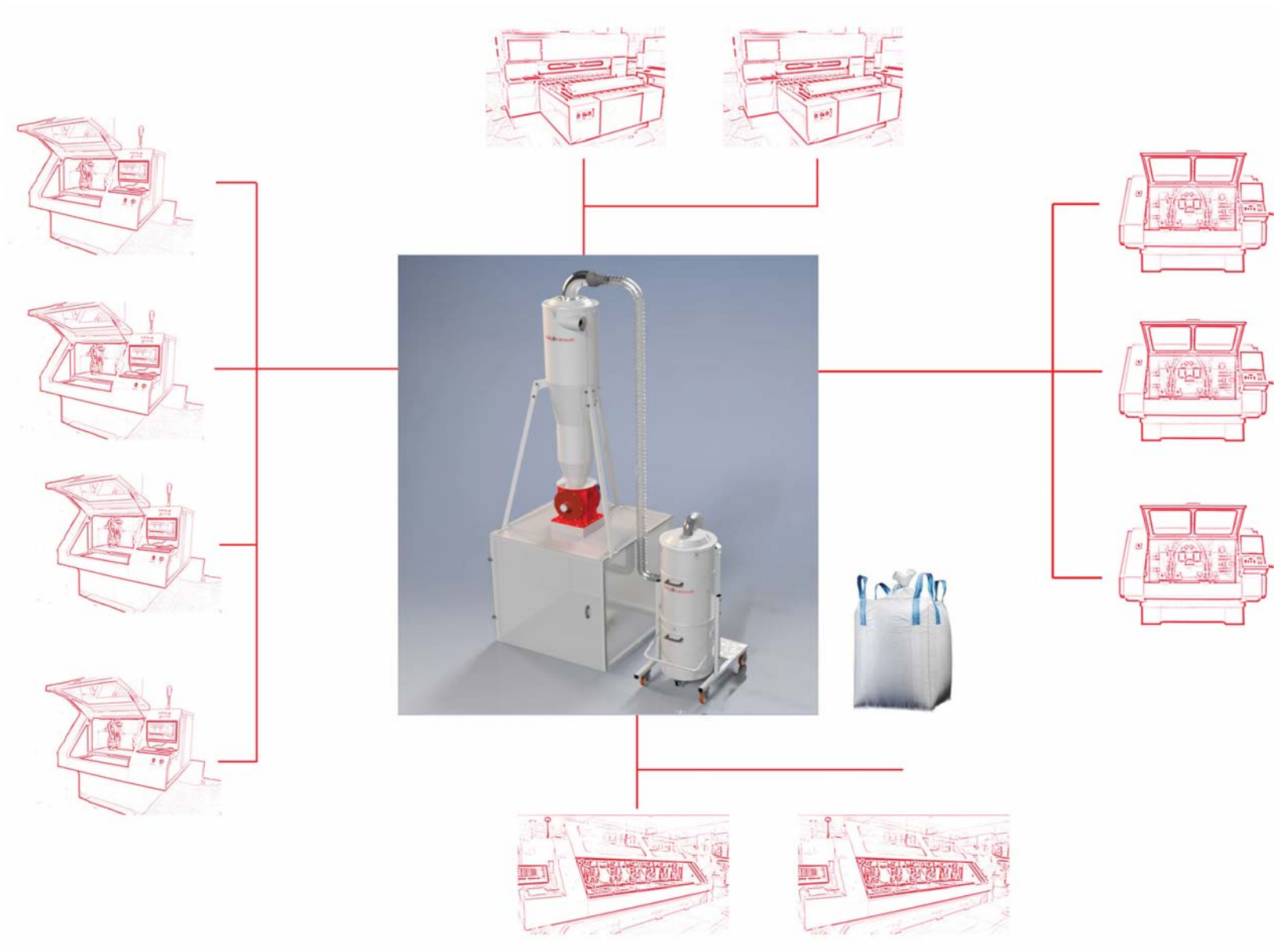


Inverter for motor power modulation

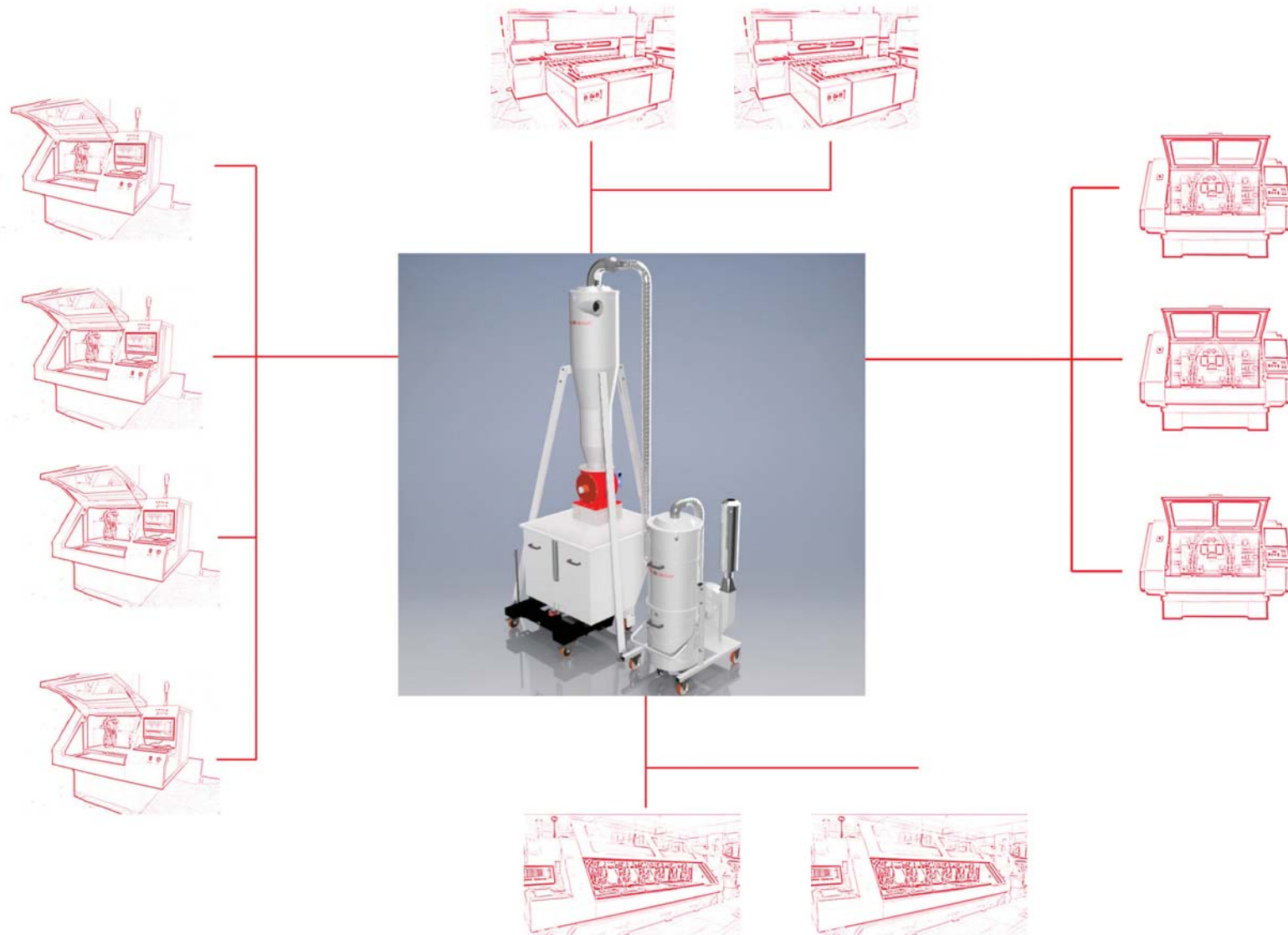


PBR - Plastic bags retainer for dust collection in PVC bags

CENTRALIZED WITH DISCHARGE ON BIG BAG



CENTRALIZED WITH DISCHARGE ON DUMPSTER



ACCESSORIES



With a view to continuous further development and improvement, Italyvacuum srl reserves the right to make changes to its products without prior notice.