

Industrial Dust Collection Systems



Pharmaceutical



Composite



Chemical



Laser Plasma Cutting



Paper



Mining



Textile



Quality Policy



Ulpatek produces industrial filtration solutions for dusts, fumes, and oil mists to protect workers and environment while supplying safer and productive workspace. Our main factory located in Istanbul. Ulpatek with its group companies has more than 45 years' experience in industrial ventilation sector. Ulpatek is not only focused on equipment sales and at the same time gives installation and commissioning works together with itself and representatives.

Istanbul manufacturing facility has ISO 9001 Quality Management System together with Directive 2014/34/ EU and has certification from Europe's best independent certification bodies.

Our principal quality policy is.

- Manufacture ecofriendly products with high tech manufacturing process and test these products according to the international standards.
- Meet the customer expectations with new products that are produced according RD works.
- Be an expert at national and international markets.
- Review quality management system make continuous improvement and meet the requirements.
- Encourage participation to all parties (Organization, customer, supplier, personnel) for the defined targets, support with trainings and increase the satisfaction.

“Advanced Filtration For a Better Future”



Industrial Dust Collection Systems

AIR FILTER TECHNOLOGY



UDC Dust Collection Systems



Industrial Dust Collectors are generally used for cleaner and safer working environments. UDC dust collectors also sustain energy savings with highly efficient filtration which also leads to production efficiency increases, product recoveries and air pollution control.



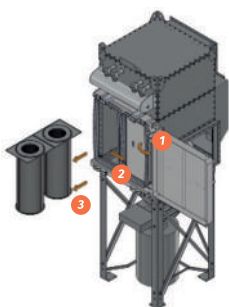
UVDC Vacuum Dust Collection Systems

UVDC Vacuum Dust Collection Systems are produced for high vacuum and pressurized systems for central vacuum systems, pneumatic transport, and bin venting. Tangential cyclone inlet ensures that the coarse dust is directed to the bunker.



Accessory

Easy Access, Fast & Safe Filter Change



Cartridge Filters



BIBO Bag In Bag Out





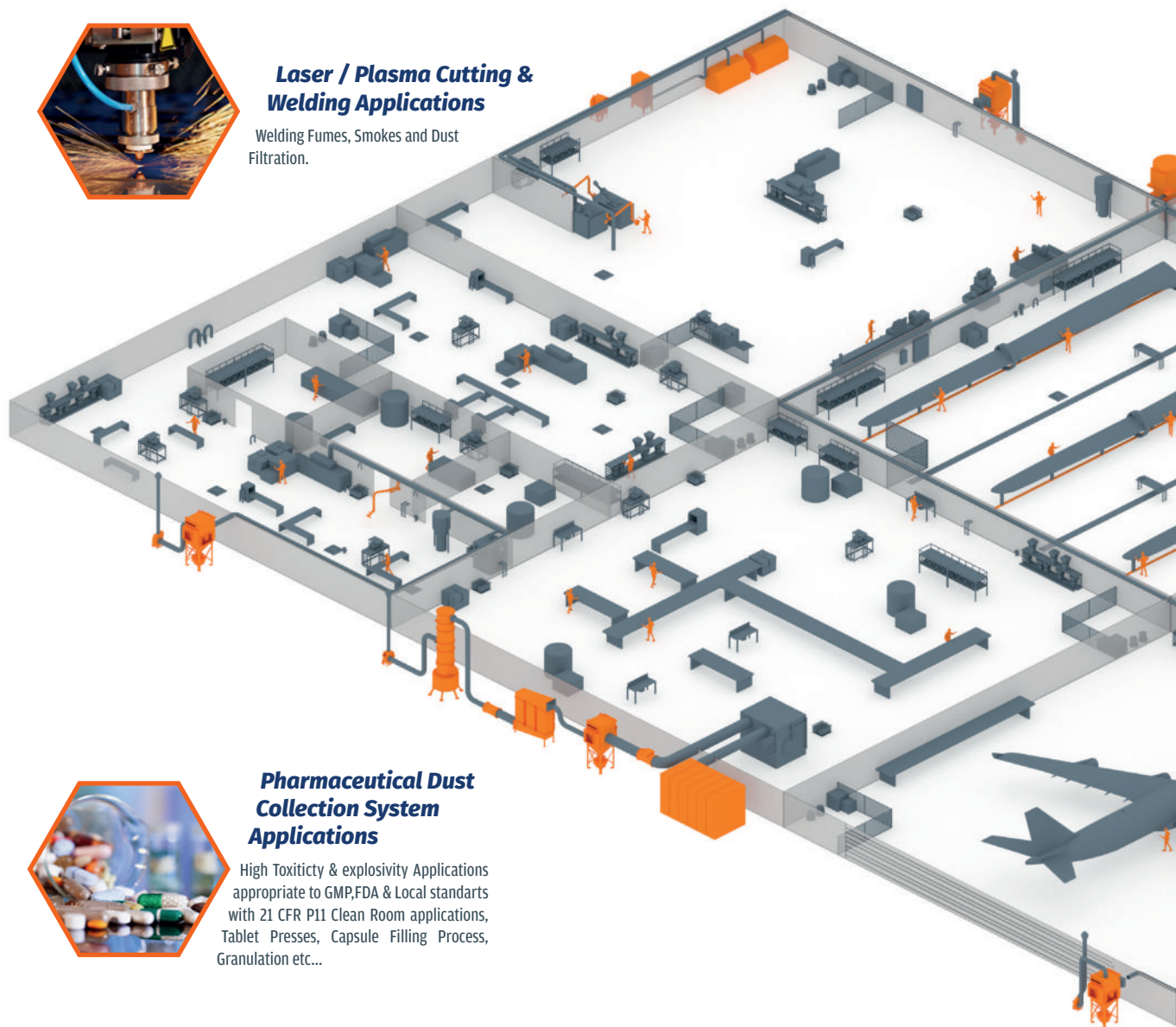
Oil Mist Collection

Oil Mist and Smoke Ventilation
Systems



Laser / Plasma Cutting & Welding Applications

Welding Fumes, Smokes and Dust
Filtration.



Pharmaceutical Dust Collection System Applications

High Toxicity & explosivity Applications
appropriate to GMP, FDA & Local standards
with 21 CFR P11 Clean Room applications,
Tablet Presses, Capsule Filling Process,
Granulation etc...

Continuous Liner Discharging



Double Sliding Valve & Big Bag Discharge



Safe Change HEPA Housing



Downdraft Tables & Environmental Control Booths



Composite Applications

Tiny & Dusty Fiberglass, composite applications mostly Wind Turbine Blades.



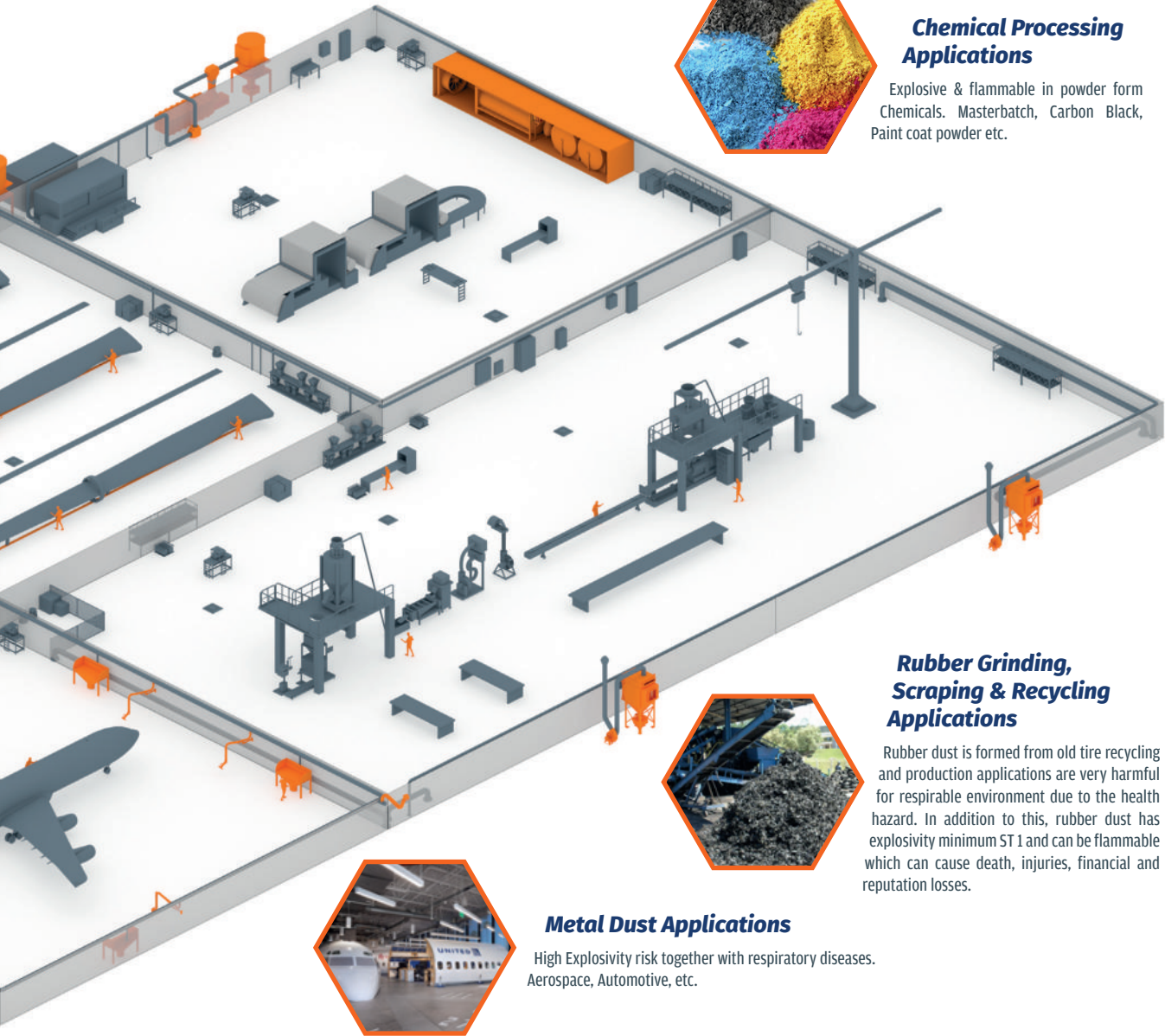
Textile Filtration Systems

High spend machining with dusty environments solution is simple with ULPATEK textile ventilation systems.



Chemical Processing Applications

Explosive & flammable in powder form Chemicals. Masterbatch, Carbon Black, Paint coat powder etc.



Rubber Grinding, Scraping & Recycling Applications

Rubber dust is formed from old tire recycling and production applications are very harmful for respirable environment due to the health hazard. In addition to this, rubber dust has explosivity minimum ST 1 and can be flammable which can cause death, injuries, financial and reputation losses.



Metal Dust Applications

High Explosivity risk together with respiratory diseases. Aerospace, Automotive, etc.



Explosion Protection Systems (Active & Passive)



Acrobat Arms & High Vacuum Ducting



UWC Wet Filter

Wet filters are used for the dusts which cannot be filtered by dry cartridge or bag filters due to the physical and chemical properties. These filters are suitable for explosive atmospheres also.



Cartridge Filters

Cartridge filters are the filtration part of the dust collectors. Conductive cartridge filters can work continuously at 80 °C. Together with the inside galvanized steel wires, galvanized steel caps, outside protective tapes, leak proof double stage neoprene sealing. All filter media have minimum efficiency of F9 EN779 / MERV 15.

Surface load (particles that accumulate rapidly on the surface of the filter) causes acceptable dust cake over the filter surface that increases the filtration efficiency. These kinds of filters have 10 times higher efficiency than the causal filters. Surface loading prevents the blockage of the filter and makes the removal of the dust cake easier.

In order to comply with the protection in environment with high risk of dust explosions, filter with conductive media which is flame retardant (F1 acc.to DIN 53438) provides superior filtration performance.



High Efficiency Conductive Cellulose Carbon Cartridge Filters			
Cellulosic Nano Coated	Outer Diameter	Inner Diameter	Height
FCY-CN-Ø420-240x660	420 mm	240 mm	660 mm
FCY-CN-Ø420-240x1000	420 mm	240 mm	1000 mm
Cellulosic Blend Standard			
FCY-CB-Ø420-240x660	420 mm	240 mm	660 mm
FCY-CB-Ø420-240x1000	420 mm	240 mm	1000 mm



AIR FILTER TECHNOLOGY

Industrial Dust Collection Systems



PLUG & PLAY



ENERGY SAVER



EXPLOSION RESISTANCE



High Vacuum Systems

Solving the world's most complex dust collection challenges.





“Advanced Filtration For a Better Future”



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