



INDUSTRIAL VACUUM SOLUTIONS FOR METALWORKING

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Metalworking is a heavy and potentially hazardous job, so proper cleaning is critical to maintaining a safe and efficient work environment. Vacuum solutions offer a significant advantage in improving operational efficiency, minimizing the presence of dust and providing a cleaner and safer work environment for employees. Whether mobile, centralized vacuum cleaners, filtration or pre-separation systems, Depureco has specialized for 50 years in building effective vacuum solutions to meet the specific needs of the metalworking industry.



- A. Oil, swarf and oil mists
- B. Additive Manufacturing
- C. Metalworking
- D. Sandblasting
- E. Industrial painting
- F. Welding
- G. Warehouse general cleaning



SAFETY



EFFICIENCY



PRODUCTIVITY



OIL, SWARF AND OIL MISTS

A

Sump vacuums designed to optimize production operations and reduce waste in the manufacturing industry. They enable, in fact, the cleaning of CNC machine tanks and reservoirs and are capable of separating cutting or lubricating oil from metal chips. Thus, filtered emulsions can be effectively recovered and chips can be disposed of easily and safely.



CNC tank cleaning

Fast removal of swarf, debris and residual lubricants accumulated inside CNC tanks.



Metal swarf suction

Disposal of metal shavings produced by milling, turning and cutting through mobile or centralized units.



Filtration of Oil Mists

Extraction and purification of oil mists coming out of work centers.



METALWORKING

C

Metalworking is a heavy and potentially dangerous operation; proper cleaning is constant is critical to maintaining a safe working environment and high levels of quality and productivity. Industrial vacuum cleaners are essential tools for cleaning up residues from these processes, such as shavings, dust and other contaminants.



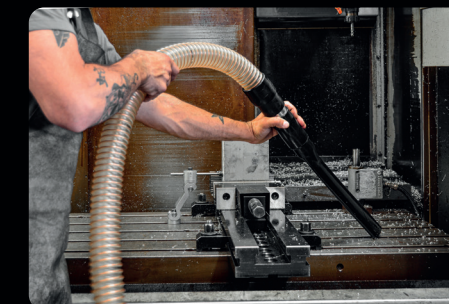
Point-of-source extraction

Extracting dust, shavings or residuals directly at the source brings production and quality increase.



Dry swarf vacuum cleaners

Thanks to their suction power, they capture metal shavings quickly and enable their proper disposal. By practicing constant cleaning, maintenance and machine downtime are reduced.



ADDITIVE MANUFACTURING

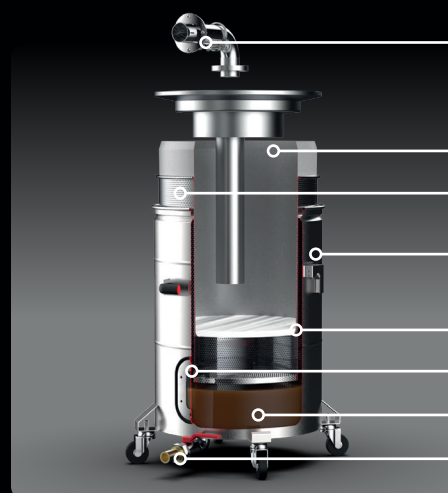
B

Industrial vacuum cleaners for powder bed fusion printers. Designed to effectively and safely collect metal or polymer powders left unused during the printing process. For metal powders that do not require recovery and have explosivity properties, Depureco offers a dust inerting system integrated directly into the container.



Vacuum cleaners for:

- Recovery of unused powders
- Final cleaning of printed products
- Work environment cleaning



Entry of metal powder

Nylon filter

Steel grid

Stainless steel container with inerting liquid

Collected Powder

Inspection window

Inert liquid

Discharge valve



SANDBLASTING

D

Industrial sandblasting is a process commonly used to prepare metal surfaces for painting or other coatings. After each blasting cycle, grit must be collected quickly to ensure proper process efficiency. Industrial sandblasting vacuum cleaners feature a large collection capacity and a convenient and easy material discharge system.



Efficient Grit recovery

Sandblasting vacuums allow fast and efficient recovery of grit, reducing repurchase costs.



High collection capacity

Large amounts of grit can be collected, keeping the work area consistently clean.



Centralized vacuum systems

Centralized systems directly from the sandblasting chamber.



E

INDUSTRIAL PANTING

Industrial painting vacuum cleaners are indispensable in industrial environments where painting of objects or materials is performed. They enable the work environment to be kept clean by removing overspray, fumes and dust generated during the painting process.



Safe Longopac bagging system

Minimizes dust dispersion and eliminates all contact between dust and operator.



Health and safety in the work environment

Paint vacuums help prevent the accumulation of fine dust and paint residues, toxic substances. They help reduce operators' exposure to contaminants.



G

GENERAL CLEANING

Industrial vacuum cleaners for general cleaning help keep work environments efficient and safe. They are versatile and suitable for industrial dust cleaning operations on the ground, on machinery or pipelines at height through the use of special accessories and extensions. Variety of models for vacuuming materials of various kinds, such as dust, debris and liquids.



Fine dust extraction

Dust is collected in a convenient steel container, easily emptied at the end of work.



Overhead cleaning

Ability to vacuum even the highest or hardest-to-reach places, avoiding the use of ladders or scaffolding.



Mobility and ease of use

Practical, handy and ergonomic, they can be moved easily within the work environment.



F

WELDING FUMES

Welding fume extractors are designed to capture and fumes and vapors generated during the welding process at the source. They have a high filtering capacity and are equipped with suction systems or hoods that collect polluting fumes before they spread into the environment. Their use improves the healthiness level of the air.



Suction for MIG-MAG Welding Torches

Compact vacuum cleaners with remote control of the welding machine.



Suction for TIG Welding Torches

Wheeled vacuum cleaners equipped with a fume hood to remove fumes at the welding source.

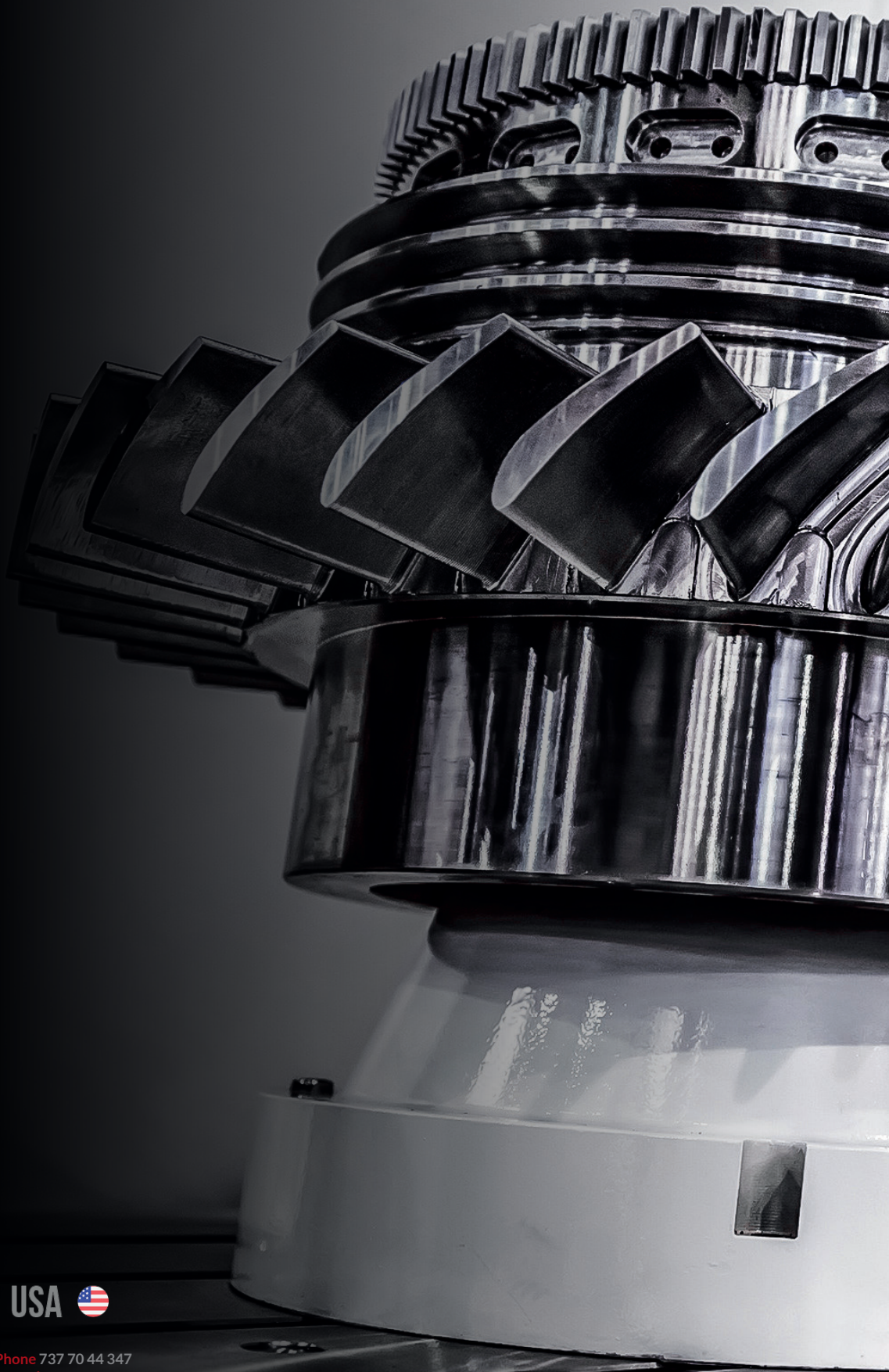


External suction with hood

Possibility of fume extraction from the torch via an external fume hood.

DISCOVER THE DEPURECO RANGE





19121 Marketplace Avenue
Building 1, Suite 165
Plum Creek Business Park
Kyle, Texas 78640

Phone 737 70 44 347
www.depurecousa.com
info@depurecousa.com

