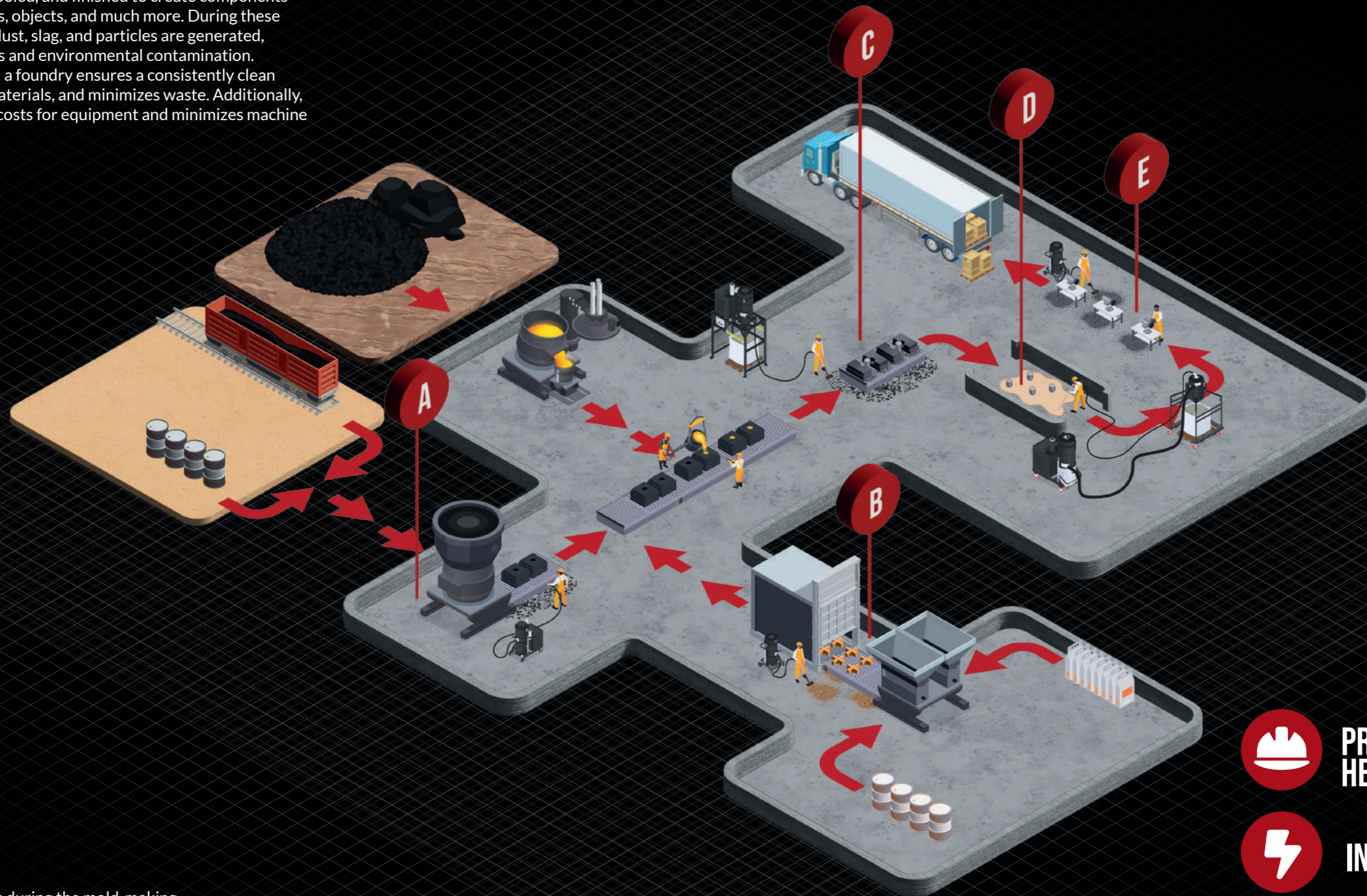




INDUSTRIAL VACUUM SOLUTIONS FOR FOUNDRIES

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Foundries are specialized facilities dedicated to metal casting: molten metal is poured into molds, cooled, and finished to create components for industrial machinery, tools, objects, and much more. During these processes, large amounts of dust, slag, and particles are generated, posing health risks to workers and environmental contamination. Using an industrial vacuum in a foundry ensures a consistently clean workspace, collects spilled materials, and minimizes waste. Additionally, it helps reduce maintenance costs for equipment and minimizes machine downtime.



- A. Removal of sand residues during the mold-making process
- B. Cleaning of core production process area
- C. Vacuuming the destaffing area
- D. Cleaning of the sandblasting area
- E. Collection and disposal of metal shavings



PROTECT WORKERS' HEALTH AND SAFETY



INCREASE CLEANLINESS

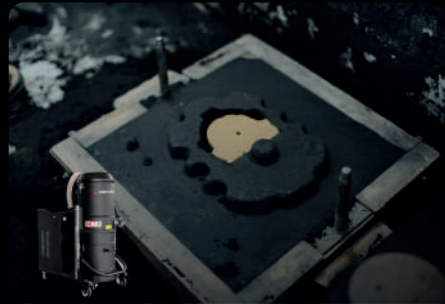


REDUCE PLANT MAINTENANCE COSTS



INDUSTRIAL VACUUMS FOR REMOVING SAND RESIDUES IN THE MOLD-MAKING PROCESS

When crafting sand molds, our three-phase industrial vacuum cleaners designed for heavy-duty applications prove invaluable, reducing cleaning time for models and tools, minimizing dust emissions, and swiftly clearing sand and debris from the workspace.



Effectiveness in sand removal

Our three-phase industrial vacuums are designed to quickly and efficiently remove sand and debris, ensuring thorough cleaning without interruptions.



Reduction of dust emissions

With advanced technology, our three-phase vacuums minimize dust emissions, improving air quality and workplace safety.



Reliability for heavy-duty applications

Built to withstand demanding conditions, our vacuums deliver long-lasting performance even in the most intense foundry processes.



VACUUMING OF THE DESTAFFING AREA

Demolding is a precise process demanding skill and attention to ensure proper extraction of parts. Incorporating a centralized vacuum system in the demolding area allows you to efficiently clear residue from multiple points simultaneously, including molds and conveyor belts where separation occurs.



Improved mold handling efficiency

By removing sand and debris from molds and conveyors, centralized vacuum systems help prevent blockages and delays during the demolding process.



Simultaneous multi-point suction

Maximum speed of cleaning and maintenance processes due to the possibility of simultaneous use at multiple suction points.



Reduced maintenance needs

Efficient residue removal prevents the buildup of debris on machinery, helping reduce maintenance costs and downtime in the demolding process.



INDUSTRIAL VACUUMS FOR CORE PRODUCTION AREA CLEANING

In the process of core preparation, the generation of dust and sand particles poses risks to operators if inhaled. Employing our high-power three-phase industrial vacuums ensures maximum suction capacity, perfect for removing large quantities of dust and debris. This mitigates the risk of cross-contamination among various sand types and materials and enhances operational efficiency.



Maximum suction power

Our high-power three-phase vacuums (up to 25 kW) are engineered to handle the most demanding cleaning tasks, effortlessly removing large quantities of dust and debris.



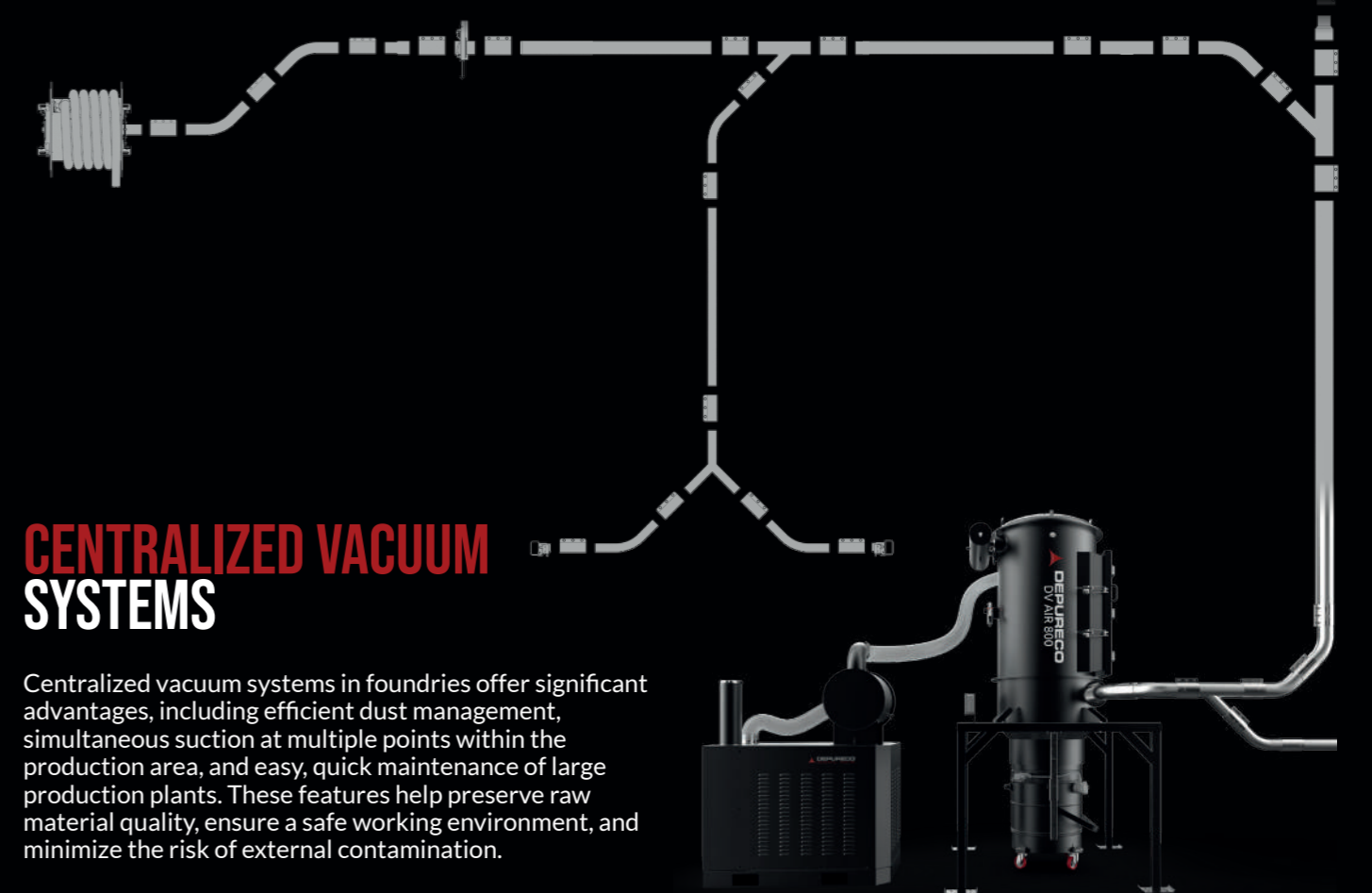
Prevention of cross-contamination

Designed for precision, our vacuums prevent cross-contamination between different sand types and materials, preserving process integrity.



Protection against foundry dust

Our vacuums are specifically designed to handle heavy and abrasive foundry dust, ensuring the removal of fine particles generated during core preparation and mold handling.



CENTRALIZED VACUUM SYSTEMS

Centralized vacuum systems in foundries offer significant advantages, including efficient dust management, simultaneous suction at multiple points within the production area, and easy, quick maintenance of large production plants. These features help preserve raw material quality, ensure a safe working environment, and minimize the risk of external contamination.



D



INDUSTRIAL VACUUMS FOR THE SANDBLASTING AREA

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 to vacuum directly from the sandblasting chamber.



GENERAL CLEANING

Our single-phase Wet&Dry vacuum cleaners are perfect for fast and easy cleaning, effectively vacuuming both solid materials and liquids that accumulate on the floor. Residues generated during the casting process are easily removed, ensuring a cleaner and safer environment.



Streamlining foundry cleaning

Quick and effective cleaning is critical to ensuring a smooth production flow and minimizing downtime.



Overhead cleaning

The ability to vacuum even the highest or hardest-to-reach areas, eliminating the need for ladders or scaffolding.



Mobility and easy to use

Practical, compact, and ergonomic, they are easy to move around within the work environment and ensure quick and efficient disposal of collected materials.



E



INDUSTRIAL VACUUMS FOR METAL SHAVINGS

In finishing processes like grinding, cutting, and threading, our three-phase vacuum cleaners ensure continuous removal of metal chips, allowing for efficient operation and proper disposal.



Reliable collection of metal chips

Our vacuum cleaners are built to handle high volumes of heavy, abrasive material commonly found in foundries.



Continuous operation

Designed for heavy-duty use, our vacuum cleaners work non-stop, allowing you to maintain efficiency without pausing production.



Simplified disposal process

Collected metal chips are stored in large, easy-to-empty containers, streamlining the disposal process and enabling efficient recycling of valuable materials.

DISCOVER OUR FULL RANGE OF VACUUMS





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