

SOLUTIONS FOR DISMANTLING OPERATIONS IN THE NUCLEAR INDUSTRY

Tailor made solutions for dismantling and deconstruction operations in nuclear power plants.

To optimise the extraction of contaminants at source, and to process and filter air carrying radioactive dust and/or fumes.

To prevent α and β radiation particles from spreading.

To protect and improve the working conditions for the operators.

All ventilation, pre-filtration and dust extraction solutions for cutting tasks, use of pneumatic drills, cutting of electro-mechanical components when cold or hot, etc.



Trapping of radio-active elements present while undertaking work during unit outages. Vacuum-producing units extract and filter the air produced in contaminated areas.

This equipment automatically controls the air flow rates to be implemented, regardless of the number of valves opened, in compliance with the safety requirements applicable during the works.

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A range of equipment for vacuum, dust removal and filtration. They limit pollutants spreading from any source of contaminants and create a safe working environment for the operators.

APPLICATIONS

For containment while undertaking operations of:

- + cutting of electro-mechanical components
 - When cold (shears, cables ...)
 - When hot (laser or plasma cut-off...)
- + removal of asbestos.

Also used for:

Building deconstruction: cutting tasks, use of pneumatic drills...



RANGE OF EQUIPMENT

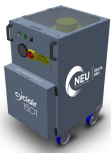


CYCLAIR® 300

Mobile vacuum unit for generating a vacuum in confined and difficult-to-access areas.

Use:

- Direct dynamic containment and Static/dynamic containment
 - Radiation protection during dismantling phases
- Equipped with a « nuclear » - type HEPA filter to meet all requirements.



CYCLAIR® 50X, 150X à 300X

Mobile vacuum unit for performing static/dynamic and direct and indirect dynamic tasks

- Robust, airtight, one-piece design
 - Its optimized centre of gravity prevents it from tipping over
- Each series available with a choice of 3 different electric control cabinets (standard, medium, HMI)
- Equipped with a « nuclear » - type HEPA filter to meet all requirements



CYCLAIR® 300 asbestos

Mobile vacuum unit for generating a vacuum in areas polluted by asbestos dust and difficult-to-access.

Use:

- Static/dynamic containment
- Radiation protection during dismantling phases



CYCLAIR® P

mobile differential pressure device used for the static/dynamic, indirect and direct dynamic containment of areas in which there are incandescent particles (welding, cutting fumes, etc.). Robust, airtight, one-piece design and made in France by qualified welders.



JETLINE® KS: Dust collector for fine dust

Dust collector with automatic compressed air cleaning. It operates constantly, providing maximum filtration, particularly in the case of fine dust. Particularly dedicated to nuclear industries (radioactive dust).



FILTRACLEAN® S

Filtration casing intended for the nuclear industry. Two filtration stages provide absolute filtration of Carcinogenic-Mutagenic-Reprotoxic (CMR) particles : a first class F8 stage and a second class H13 or THE polyhedron absolute filtration stage



COBRA® FAN

Centrifugal fan designed to the most ventilation configurations: pits, tanks, vessels, cellars, premises, process... made entirely of ALUMINUM CAST IRON.