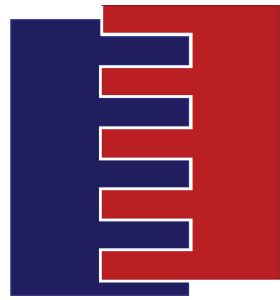


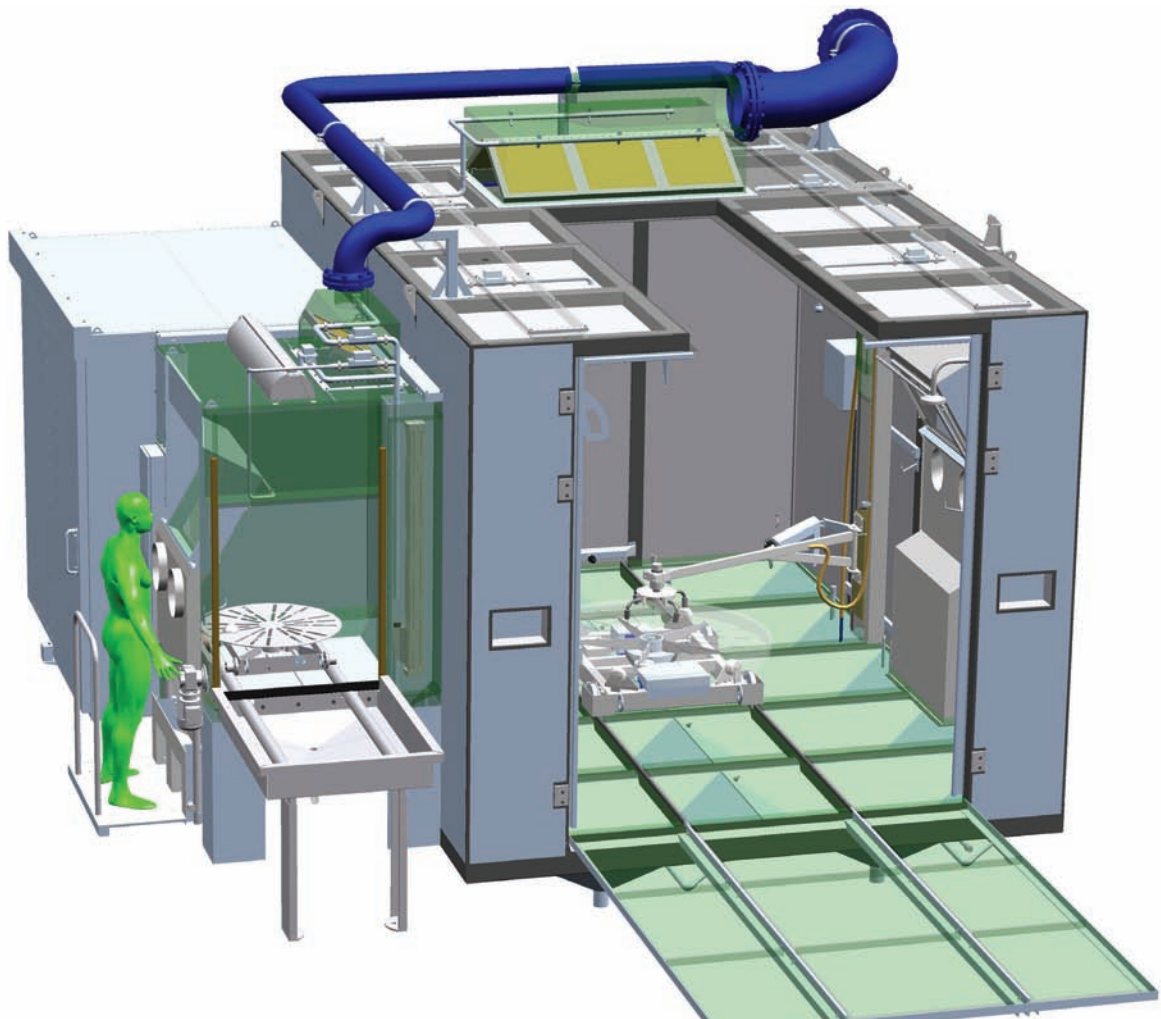
DECO-SYSTEMS



FAGERSTRÖM
INDUSTRIKONSULT AB

Fagerström Industrikonsult AB is mainly concentrated in designing and manufacturing different sorts of decontamination equipments to the Nuclear Power Industries worldwide.

With this brochure we want to inform about us and decontamination cabinets **DECO-System**, which is a complete decontamination equipment with a wide field of applications and highly putted quality control requirements.



High Pressure Decontamination Box and Booth

DECO-SYSTEMS

Its main activity is to clean components and tools, to make them free from radioactive coating.

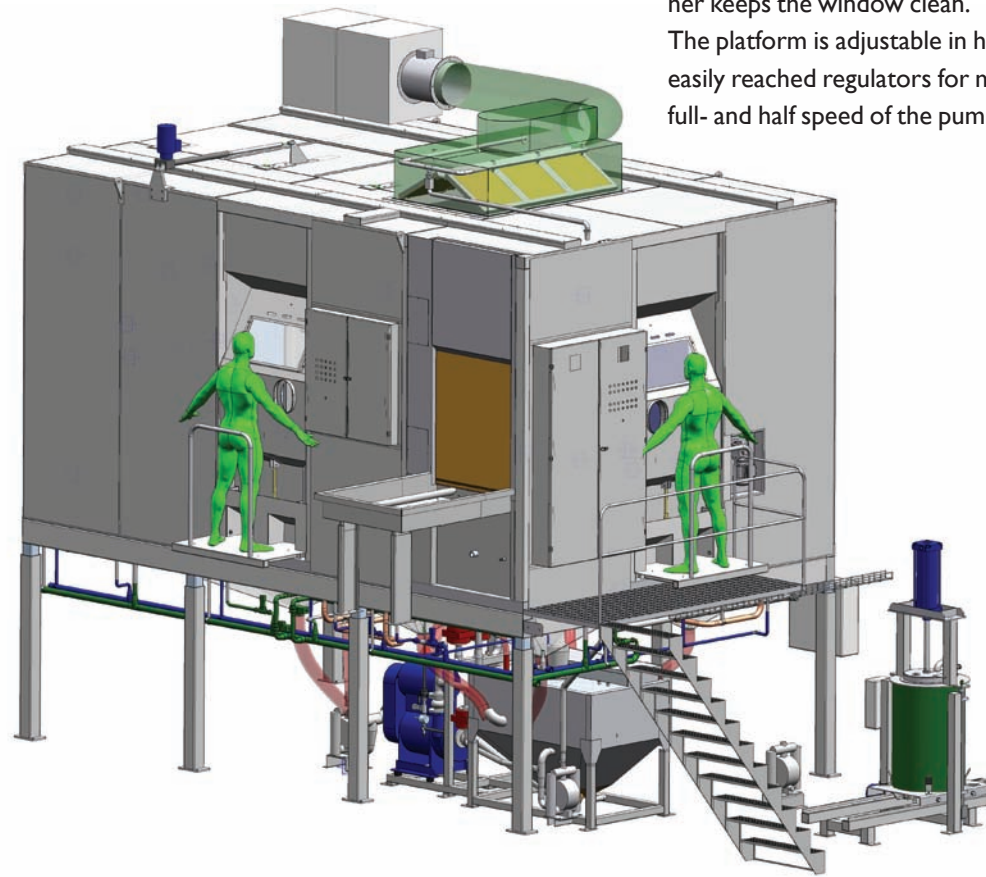
These cleaning options are wetblasting with glass beads and various blasting nozzles or high pressure water jet, rinsing with cold de-ionized water and drying with compressed air. Cleaning of smaller components can very well be done from one of the two external operating positions. Larger components are cleaned from the inner operating position where the operator works in a fully covered protection dress connected to a fresh air system.

External operating position no. 2 as operating position no. 1 but without lead protection and a rotating table.

External lead protected operating position no. 1 with glove bushing. 50 mm of lead and a 165 mm thick leadglass (equivalent with 50 mm lead) protects the operator against radiation. The glass is also equipped with an easy exchangeable, hardened glass in the cabinet.

The space between the glasses is ventilated. Windscreen wiper with washer keeps the window clean.

The platform is adjustable in height for a proper working position and easily reached regulators for maneuvering the rotating table, start/stop full- and half speed of the pump, windscreen washer on/off and so on.



When cleaning smaller details this may very well be done with the help of a rotating table. The detail is placed on the table outside the cabinet. An electrically maneuvered "guillotine hatch" provided with a clamping safe list is opened.

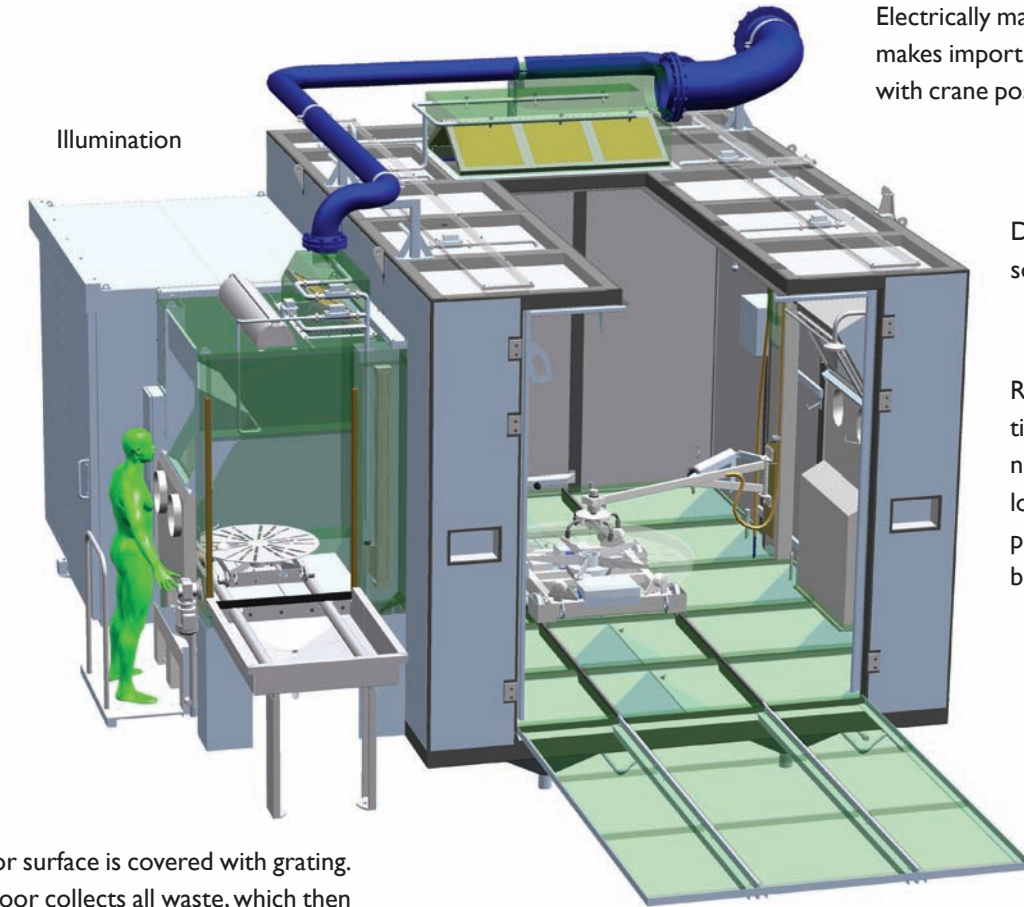
The table is then easily pushed in to the cabinet on rails. The table rotates with a worm gear motor, mounted outside the cabinet and is provided with a flush safe bushing. Max. load is 500 kg.

Media- and separation tank with a pump device, placed below the blasting cabinet. "The heart" in the system, where you collect and separate glass beads from waste, provides with the help of a powerful pump the different operating positions with blasting media.



Electrically maneuvered roof hatch makes import of heavy goods with crane possible.

Illumination



Double walls with sound insulation.

Robust beam construction which is dimensioned for a propagated load of 500 kg/m and point load over floorbeams of 2000kg.

The whole floor surface is covered with grating. Cones in the floor collect all waste, which then discharge to the tank for separation of the glass beads from contaminated waste.

The cones are provided with nozzles for a simple cleaning.

The cabinet is prepared for installation of a future robotic system and in that way maneuverable from the external operating positions. The reason of this is to be able to use the outer working positions even for bigger details and in that way minimize the personnel radiation dose.



Powerful high-pressure pumps can be used as an alternative to wet blasting. Pump pressure of 160 - 1000 bar can be selected

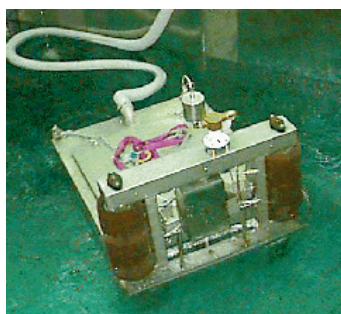
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Fagerström Deco-Systems

has developed two alternatives of effective cleaning machines
for decontamination of cavities in reactor- and fuelpools.

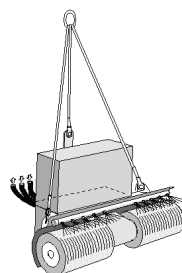


RCC 10

RCC 10(Reactor Cavity Cleaner) cleans the basin with two against each other rotating brushes. The machine is easily manouvered along the walls and controlled by two joysticks. Transfer in height is done by emptying the basin.

Two jetbeams provides necessary bearing pressure against the wall.

- Decontaminates the basin at the same time it is emptied.
- Minimizes necessary time for cleaning.
- Only the oxide layer is removed.
- Prevents airborne contamination by absorbtion.
- Crane is not occupied.
- Reaches even curved walls.



RCC 5

RCC 5 can be delivered with air motors or electrical motors driving both of the cylindrical brushes.

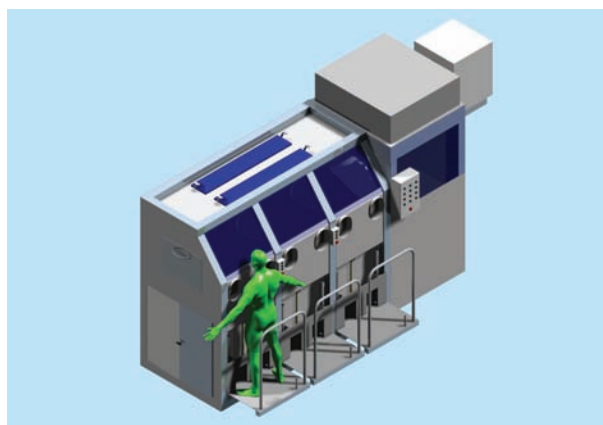
The rotation of the brushes polishes the surface and removes the contamination without removing any material off the wall.

RCC 5 is manouvered

- with the polar crane which it is hanged up in.
- A module system making it possible in an easy way to elaborate its accessibility after Your needs.
- RCC 5 minimizes time needed for cleaning, airborne contamination and also a considerable reduction of personal radiation dose.



Fagerström Deco-systems has also smaller alternative Wet blasting- and rinsing cabinets. We build after Your needs.

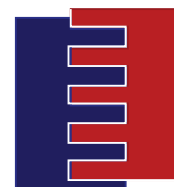


Fagerström Deco-systems has developed a Sorting Box for waste with In-Drum 10 tons Compactor. We build after Your needs.



Fagerström Deco-systems has developed a Drum Transport Trolley for easy handling of waste drums.

We build after Your needs.



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