

SORTING BOX

FOR NUCLEAR POWER PLANTS



Sorting Box

Waste segregation is one of the key issues in the nuclear field for environmentally friendly and economic operation. Solid waste collected during operation of the power plant has to be segregated. The material will be sorted manually using gloveboxes. The separated waste is collected in drums located beneath the sorting box.

Some process options are available by dust free emptying of rough waste into the sorting boxes and shredding after sorting. The segregation will be done mainly according to the material and the radiological characteristics. The layout of sorting boxes depends on the radioactive content of material and is realized by glove boxes or shielded boxes and parallel manipulators.

Technical Data:

- Number of drum position 4
- Number of working places 3
- Outer dimensions approx. 6,5 m x 17,0 m x 2,6 m
- Weight 2,9 t



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Sorting Box



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Engineering & Technologies

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References:

- Germany: NPP Gundremmingen, NPP Grafenrheinfeld, NPP Krümmel
- China: NPP Taishan 1&2, NPP Fangchenggang
- NPP Beznau, Switzerland