

TYRANNOSAURUS® Atomic - Low-level Waste Reducer



Installation: TVO, Olkiluoto Nuclear Power Plant at abt. 30 km north from Rauma

Equipment: TYRANNOSAURUS® 9902 Atomic Capacity 5 t/h

Project description: The Tyrannosaurus crusher is used to crush all metals, less than 3 mm in thickness, clothing, lamp casings, process pipes, electrical switchboxes, plastic products, furniture and similar miscellaneous waste, classified as low level nuclear waste at the plant. Produced product size is 30 – 40 mm. The waste is put into a loading box that is elevated hydraulically tipping the material into the crusher hopper. The crushed material falls in a collection box and then used to fill empty space in concrete containers that are used for larger parts of scrap metal. The containers are to be disposed of in the underground repository. "This allows us to significantly compact the overall volume of low level waste. In just one year the crusher has brought clear financial savings, as well", says the project manager from TVO.

Start-up December 2004