

Radioactive Reactor Vehicle



www.bladt.dk

Special vehicle and 6 tanks



CLIENT

Danish Decommissioning

CONTRACT TYPE

Turnkey

TIME FRAME

2013-2016

LOCATION

Risø, Denmark

Project description

All projects were for the decommissioning of Risø's DR3 reactor. Our scope of work included design, dimensioning, simulations, fabrication, test and delivery of a special vehicle for reactor-lid removal. The projects also included an airtight and transparent manipulator room complete with crane, telescopic arm for a manipulator arm, self-propelled container wagon with a capacity of 13 tons, several winches, ports and openings.

Everything was including hydraulics and remote control system for all components.

The scope of work also included fabrication of six steel tanks and two sling bars for long-term storage of radioactive materials. The 6 steel tanks are made in four different models and weighs a total of 145 tons.

FACTS

- Hydraulic system
- Remote control system
- Radioactive reactor mechanical handling machine
- Turnkey project
- 6 steel tanks
- 145 tons of steel tanks



 Quality is
everything