

UTILISATION

Decommissioning of a sodium – nuclear reactor.

WORK TO BE DONE

This tool was designed and built to cut into calibrated pieces the internal and external parts of the reactor, in order to stock the pieces in their special containers.

FONCTIONING

The whole tool includes a precision bridge supporting the main dismantling tool, positioning it into its required machining spot into the reactor, and a commanding panel off contaminated zone. For such diverse operations many different machining tool block will be telemanipulated, one after the other on the main machining shaft.

SOLUTIONS

The machine is hydraulically self centered through 8 jaws.

The machining is done with three different types of cutting mills.

Four machining axes electrically motorised are available for all the different cutting positions.

The tool rotation is hydraulically driven.

The cutting info as well as all the other positioning info is all being brought back to the control panel driven by an operator.

