



# PRESS INFORMATION

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## Environment-friendly gutting of clinic building

COMBI-SHEARS HCS6 S CLEAR OUT 10 KILOMETERS OF METAL PIPE

***Blumberg/Frankfurt am Main. Buildings to be completely demolished must usually be gutted first in order to allow the disposal of materials by type. This operation can be carried out fast and professionally when using specialized gutting equipment like the HCS6 S hydraulic Combi-Shears from DARDA.***

A good example of such a project is the demolition of the building complex of nuclear and radiology medicine, including the eye clinic with inpatient facility on the campus of the University Hospital Frankfurt / Main. In the first stage, all the cables, pipes and installations for heating, plumbing and air conditioning systems had to be removed. At the same time there were restrictive conditions relating to emissions and pollution as normal operation continued in other parts of the hospital: excessive air pollution by gases or odors, noise and vibration were prohibited. The use of cutting torches was therefore excluded from the onset.

### **Powerful and reliable gutting equipment**

Due to these constraints, the contractor Booiman GmbH in Mainz employed the HCS6 S hydraulic Combi-Shears from DARDA GmbH, Blumberg. They proved to be ideal for the job and cleared out 10,000 meters of metal pipes in just eight weeks.

This lightweight, compact coring machine cuts metal pipes, water pipes, metal frame, disused power cables, wooden parts, sheet metal sections, rebar and round bars up to 16 mm diameter in a one-man operation. The special blades have a crescent-like shape and prevent any slippage on the material to be cut. The HCS6 S produces a high cutting force when the blades close. The opening and closing of the blades is performed simply and accurately via the integrated control valve. The HCS6 S works without noise, vibration, or odor. When operated with an EP electric power unit that also runs noise- and emission-free, an exemplary system for clean indoor work can be utilized. Perfect for the use described in the University Hospital in Frankfurt!

The HCS6 Combi-Shears are designed for flexible use in all types of coring and demolition work. In addition to the S Version, 3 more configurations with different tools are possible. The tools can be exchanged in a few simple steps. Using shears, the C Version is designed to cut through a variety of different materials and also expand and push them apart.



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Fitted with brick jaws (B Version) it bites through up to 32 cm thick brick walls, and the concrete crusher (J Version) crushes up to 15 cm thick concrete.

Source: Darda GmbH, Blumberg

For more information:

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Using the easy-to-handle Combi-Shears HCS6, a single person can quickly cut through metal pipes noise- and odor-free.



The environment-friendly, hydraulic DARDA system – Combi-Shears and electric power unit - cleared out 10,000 meters of metal pipe.