BRAUN TECHNOLOGIES
Mobile, remote controlled solutions for decommissioning and dismantling
EDITORIAL

BRAUN Maschinenfabrik – YOUR PROFESSIONAL PARTNER

There are not many industrial companies which manage to maintain their market position for over 170 years in the ownership of the same family. One reason is possessing the courage to launch new products and continue to develop existing products to meet the customer’s requirements. Another reason is finding top-class people, investing in their qualifications, working with them for as many years as possible, and promoting team spirit.

We always have been, and continue to be, leaders in quality and technology in all the areas we cover. Listening to our customers, delivering in time and providing customer service, are as much of a priority today as they were when our company was founded.

From the file to fully automated systems. Since 1848, we have been engaging with products and machines for processing of different materials.

In 1965, we entered the technology of cut-off grinding with abrasive cutting discs. The quest for technological leadership prompted BRAUN to intensify the further development of tools and innovative cutting and separating processes in order to be able to offer customers the best possible separation and cut-off solution.

Today, the technology leader’s range of products includes hydropower steel constructions, steel cutting- and grinding machines as well as tailor-made solutions for decommissioning and dismantling of nuclear and contaminated facilities.

Integrated assistance from conception to realization, we support you in your projects with concepts, machines and associated tools. In-house engineering and automation guarantees best quality, made in Austria.

As a member of the sixth generation of the Braun family, I am proud to successfully lead our high technology company.

Martin Braun
President & CEO
The optionally electrically or hydraulically operated machine is designed for extreme loads. The cold cutting saw can easily be used up to 20 meters underwater, but can also be operated completely dry without any tool cooling. The cold cutting process and innovative mounting options enable safe separation of high-alloyed metals, copper, lead and composite materials of different kinds.

Remote operation and automatic mounting options allow cuts in confined spaces, non-portable components and at great heights. Cutting depths of up to 500 millimeters in metals with a machine weight of only 40 kilograms guarantees a safe process with the highest possible economic efficiency.

In addition, BRAUN supports you with a wide application knowledge when working out your dismantling concept.
BRAUN WALL SHAVER

THE PATENTED MACHINE FOR SURFACE TREATMENT OF STONE, CONCRETE AND METALS. IT WAS DEVELOPED FOR THE SAFE REMOVAL OF CONTAMINATED SURFACES AND COATINGS.

Intelligent assembly and mounting options ensure easy processing of floors, walls and ceilings. Shaving depths of up to 10 millimeters per operation, together with the long tool life time, ensure efficient removal. Flow-optimized tools with adapted protection hoods enable dry, dust-free removal, thereby ensuring safe operation even in toxic, asbestos-laden or radioactively contaminated environments.

In addition to tool development, the process for undercutting contaminated layers has been devised. With this patented method, layers up to 50 millimeters thick can be removed in one work step. The contamination remains largely bound because only a small part of the whole surface has to be cut.
BRAUN WIRE SAWING SYSTEMS

BESIDE THE COLD CUTTING SAW AND THE WALL SHAVER, BRAUN OFFERS MACHINES AND EQUIPMENT FOR WIRE SAWING. THE COMPREHENSIVE STANDARD PRODUCT PROGRAM CAN BE ADAPTED AND ADJUSTED TO SPECIAL REQUIREMENTS OF DISMANTLING PROJECTS.

Complete solutions from a single source, BRAUN offers not only the machines but also associated auxiliary structures in order to support you in the best possible way with the implementation of your project.

An essential advantage of the BRAUN product range is the interchangeability with each other, so a cold cutting saw can be cost-effectively expanded to a fully functional wire saw. Therefore, machine costs can be reduced significantly.

For example, fully automatic wire storage systems and remotely controlled bridge wire saws can be offered.

The wire saws are characterized by their wide field of application and are ideally suited for the efficient dismantling of steel and concrete structures.
BRAUN SPECIAL PURPOSE SOLUTIONS

TAILORED SOLUTIONS FOR DECOMMISSIONING AND DISMANTLING.
BRAUN, THE CUTTING SPECIALIST, COMBINES VARIOUS CUSTOMIZED MACHINING PROCESSES IN ONE SYSTEM.

Extensive testing under real conditions help to find the right solution for decommissioning and dismantling problems. BRAUN develops these together with the customers and supports them from concept phase to after sales.

In 2017, the world’s first facility for disassembling barrels of nuclear waste was handed over to full customer satisfaction. Combined shaving and sawing modules open barrels of radioactive contaminated waste and prepare them for repacking. With this system, the waste volume can be reduced and professional storage ensured.

In addition to stationary systems, BRAUN offers completely automated systems for decommissioning and dismantling. BRAUN realized robot controlled processing modules for dry dismantling of concrete parts. The modules can be equipped with different tools for a wide variety of applications, with tool change and operation being completely autonomous.

Convince yourself of the expertise of BRAUN Maschinenfabrik during your dismantling project.

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