

## MAUERSPECHT GmbH

An der Walze 15 • 01640 Coswig • Germany

T +49 35 23 731 46  
F +49 35 23 746 65  
info@mauerspecht.de

District Court Dresden • HRB 15620  
VAT-ID: DE 226 770 255

Managing Director:  
Dipl.-Ing. (FH) Volker Galinsky

Commercial Director:  
Cornelia Galinsky

Certification:  
GZQ Certificate in accordance with DIN EN ISO 9001  
Safety Certificate Contractors - SCC Certificate Volker Galinsky  
(operationally employed managers according to Document 017)

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## MOBILE ULTRA-HIGH PRESSURE WATER JET AND WATER CUTTING TECHNOLOGY

UP TO 2,500 BAR ENVIRONMENTALLY-FRIENDLY MOBILE POWER

# MAUER SPECHT®

EXPERIENCE GIVES SECURITY

### YOUR SERVICE PROVIDER FOR

- PREPARATION OF SEWERS FOR THEIR REFURBISHMENT
- SPECIAL SEWER CLEANING
- PETRO-CHEMICAL INDUSTRY
- POWER PLANTS
- SPECIAL APPLICATIONS



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SEIT 1996

## OUR SERVICES AND PRODUCTS

Mobile ultra-high pressure water jetting  
Mobile ultra-high pressure water jet cutting

Since its foundation in 1996, the **MAUERSPECHT** company has developed into one of the leading specialist service providers in the field of mobile maximum-pressure water jetting. With a highly motivated and intensively trained staff member as well as relevant engineering knowledge in our own house, we are able to solve even unconventional tasks. Our customers are located in all parts of Germany and neighbouring European states.

## DRAIN-JET ROBOTICS®

powered by MAUER SPECHT®  
*the Original*

### SEWER REFURBISHMENT WITH ULTRA-HIGH PRESSURE WATER JET ROBOTS

We have German and international proprietary rights in relation to the technology of the robot-guided ultra-high pressure water jet in the sewer. The technological process of Drain-Jet Robotics® is many times faster and therefore more cost-effective than conventional milling robots. Our ultra-high pressure water jet robots, specifically developed for removing obstructions in sewers, work on a camera-supported basis, with adjustable water pressure and adaptable travel speeds.

### ULTRA-HIGH PRESSURE WATER JET CUTTING

Our environmentally friendly cold-cut process has always proven itself, particularly in explosive atmospheres. Even the hardest materials, also in sandwich construction, can be cut without any problems and without heat input. Another important decision-making factor is the mobility of the technology, as well as its use in diverse locations – also under water.

### ADVANTAGES AND SPECIAL FEATURES

- Our mobile technology is aimed at the avoidance of unnecessary health risks with a fully-developed remote control unit.
- Even in safety-sensitive areas it is possible to use the entire technology without any problems.
- The media, water and abrasives used for cutting can be cleanly separated and properly disposed of.
- Specific tasks are solved with customised manipulator systems or application-based device engineering.

## THE GENTLE POWER IN THE SEWERS



### TARGET APPLICATIONS

Removal of incrustations, roots, limescale and concrete deposits, bitumen, fats, foreign material made of steel or reinforced concrete, defective GRP hose liners and needle felt liners etc.

### MAUERSPECHT – YOUR SPECIALIST FOR HIGH-PRESSURE WATER JET ROBOTS

Under our trademark DRAIN-JET ROBOTICS® we already have developed several ultra-high pressure water jetting robots: Bruno, Bruno mini or Lokvogel®. Over 20 years of hands-on experience with water jet technology lies within these well thought-through innovations which are applicable from DN150 to DN1000. 1,500 bar are enough to work fast, effective, economically, and without damage to the pipe.

## SO THAT NO SPARKS IGNITE



### TARGET APPLICATIONS

Cutting of tanks (floors, walls, roofs), inspection openings, pipelines, flue gas pipes, explosive substances, coated materials, etc.