



HDW - H2O TECHNO LOGY

SURFACES/
TEXTURES

QUALITY
MUST BE
TRANS
PARENT
AND
CONTROL
LABLE.



High-pressure water jetting is a new technique for the innovative treatment of surfaces, which is becoming increasingly popular due to its material-protecting properties. This technology is used to specifically remove material from the surface or to clean it.

In contrast to other processes, where abrasive materials or chemicals are used, high-pressure water jetting is gentler on the material and the environment. In this process, a high-pressure water jet is directed at the surface to be treated. The water jet is also defined and controlled in such a way that it removes material from the surface without damaging the layer underneath. The water is directly extracted together with the removed material and removed from the site, which facilitates the cleaning process and increases work efficiency.

High-pressure water jetting can be used on almost all traffic areas such as roads, motorways, airfields, car parks, etc.

WE ARE CREATING THE PATH TO THE FUTURE!

ADVANTAGES

- Producing surfaces that are optimally tailored to the wishes and needs of the customers
- No impact on the useful life of the traffic area due to high-pressure water jetting technology that is gentle on the material
- SUSTAINABLE - water is more environmentally friendly as a cleaning agent than chemicals. The water can be recycled in a closed circuit and the solids can be separated and thus disposed of separately, which minimises the environmental impact and contributes to a sustainable application of the process
- Transparency and quality control through accompanying measurements

TECHNOLOGY

- Innovative and practice-oriented research and development in our in-house department
- Flexible working width up to 3.40 m for surface processing, texturing, cleaning and removal of line or extensive road markings
- Use of different nozzle systems depending on requirements
- Adjustable working pressure of up to 2,500 bar
- Fully automated slurry extraction system
- High daily outputs

more informations



1 Computer control in the cab | 2 use of the rear cleaner | 3 use of the side cleaner



**WHAT IS YOUR
TEXTURE PREFEREN-
CE?
LET US
OPTIMISE
YOUR SURFACE.**



AS OUR CUSTOMER,
YOU DEFINE THE TEXTURES
AND PERFORMANCE
CHARACTERISTICS



WE TRANSFORM YOUR
INDIVIDUAL REQUIREMENTS
INTO CUSTOMIZED
SURFACE SOLUTIONS



WORKING AS A TEAM
WITH GREAT KNOW-HOW,
WE FOCUS ON QUALITY
AND SUSTAINABILITY

AP- PLI- CA- TION

High pressure water jetting has many applications, including the removal of all types of road markings on any kind of traffic areas.

In addition, it can be used to improve skid resistance and to brightening of surfaces, especially on asphalt pavements.

Removal of rubber abrasion on airfields is a special field of application to ensure smooth flight operations. Cleaning restores the grip of the surface, what increases safety.

**FROM REQUIREMENT TO IMPLEMENTATION -
TRUST US, WE ARE YOUR SURFACE SPECIALISTS!**

	Asphalt	Concrete
Skid resistance	++	++
Evenness	0	0
Drainage capacity	++	+
Reflection properties/brightening*	+	0
Tyre-road noise	+	+
Environmental compatibility	++	++

* = depending on aggregates

++ significant improvement

+ possible improvement

0 no influence

CON TACT

Welcome to our family business that has specialised in traffic areas since 1977. We are leading experts in this field of work and our passion is to create the highest quality traffic areas.

We rely on innovative technologies to provide our customers with environmental benefits while guaranteeing top quality. Our work is more than just a job - it is a task for the future, with a focus on sustainability and innovation.

Our team consists of experts who understand their craft and work with passion and commitment on every project. We are proud to create traffic pavements that are not only aesthetically pleasing, but also meet the highest standards of quality and durability.

Contact us and see for yourself our commitment, passion and expertise in traffic area construction. We are looking forward to providing you with customised solutions that meet the highest standards.

BROCHURES
DOWNLOAD



green tech services

OAT green tech services GmbH
Obere Hardt 13 | D-76467 Bietigheim/Baden
T +49 7245 9260-0 | F +49 7245 9260-70
www.oat.de | oat@oat.de

Your contact person
Thomas Knötsch
thomas.knoetsch@oat.de
T +49 36481 586-0
M +49 172 7237794

