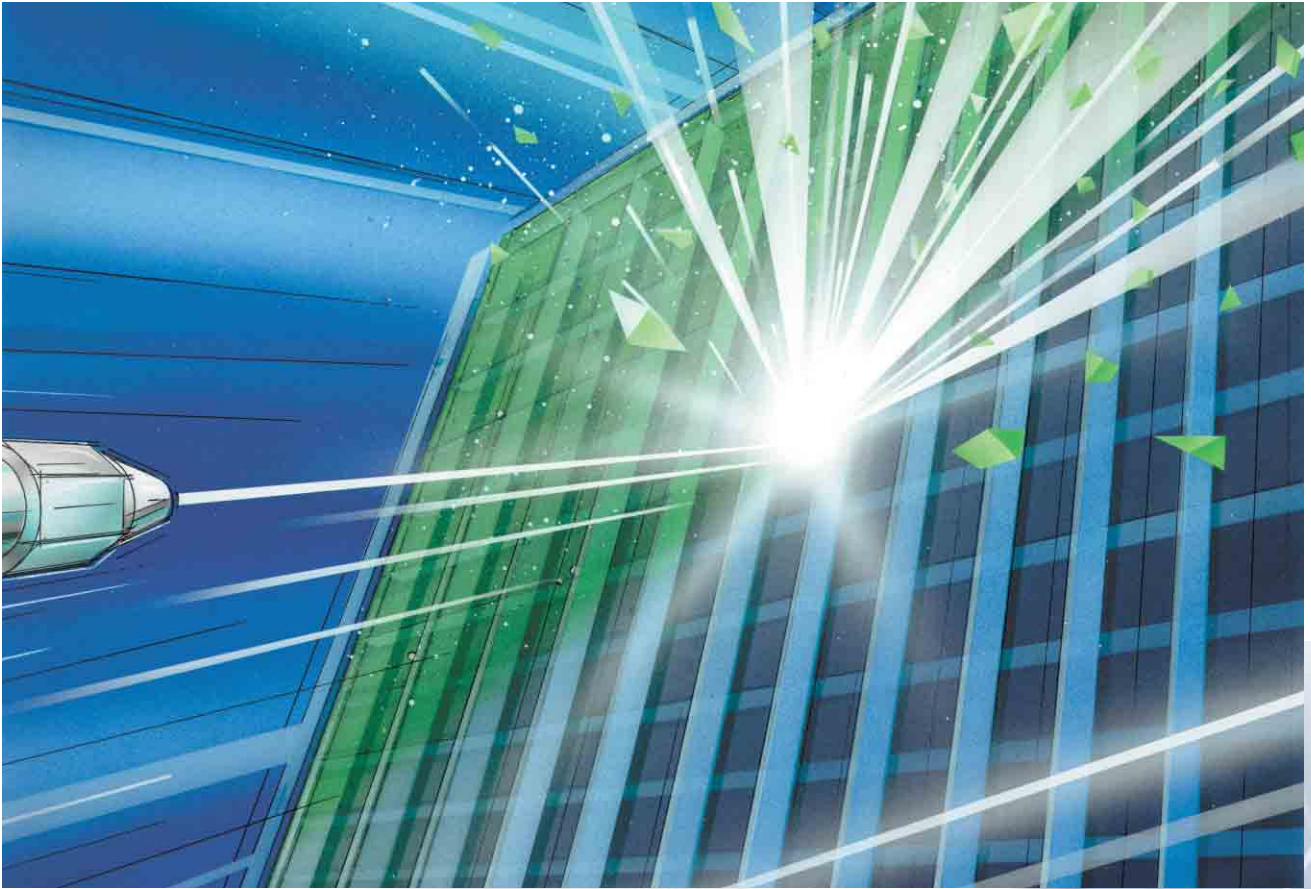


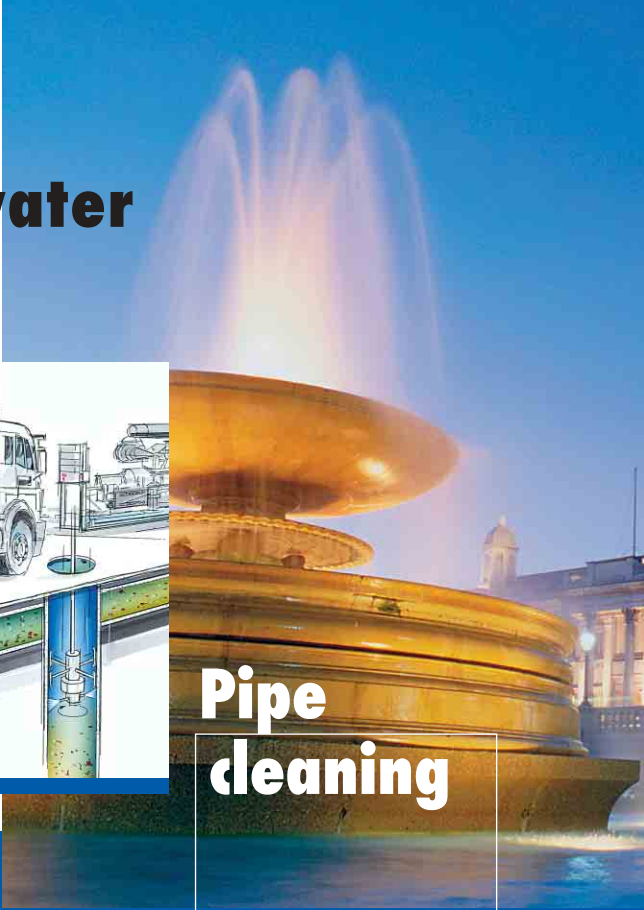
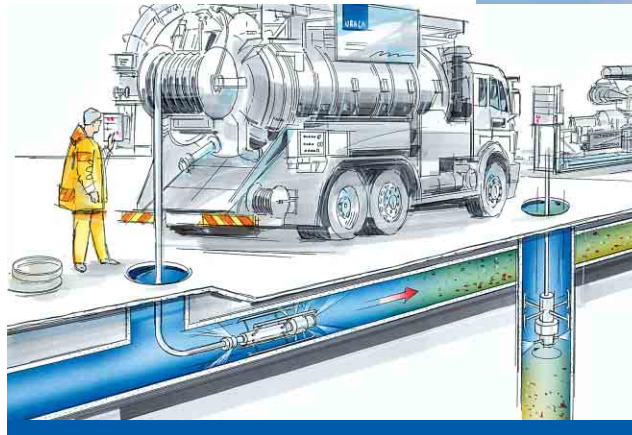
High pressure water jet technology

URACA

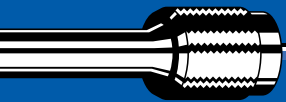


Effective solutions using water jet technology

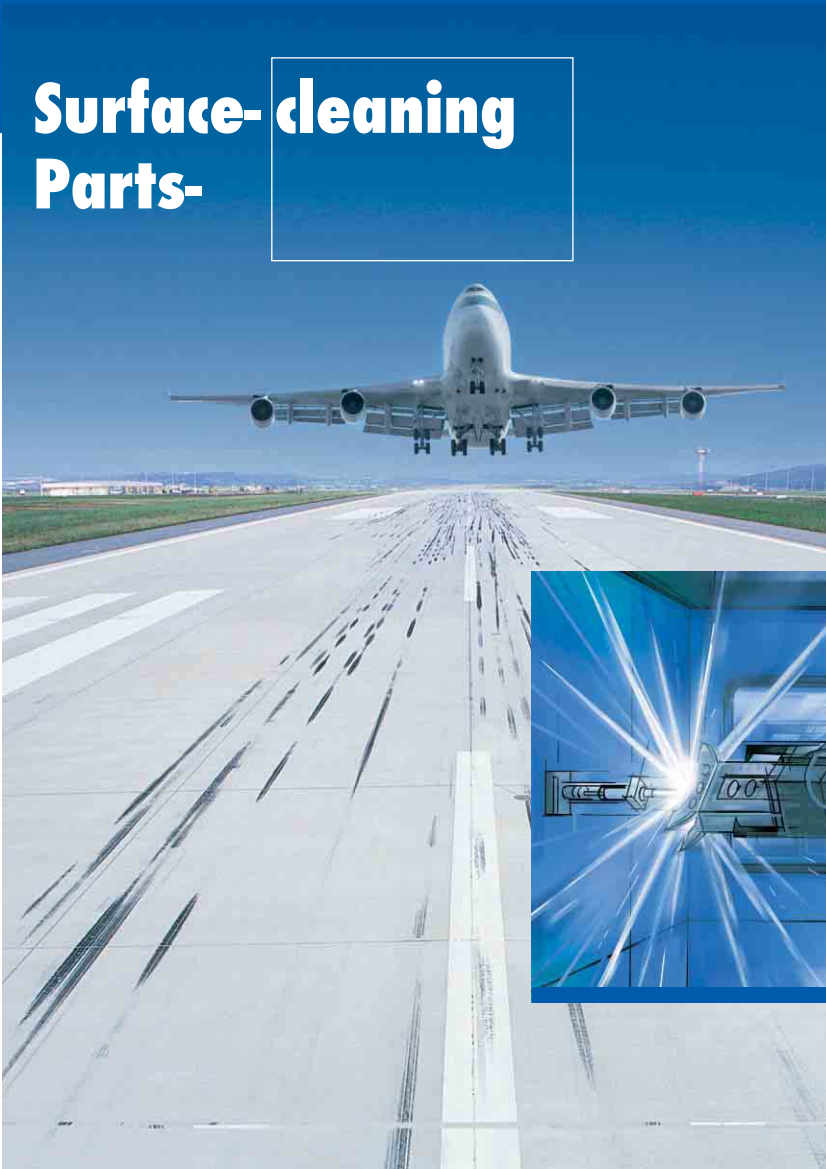
- Heat exchangers
- Condensers
- Sewage lines
- Pipelines
- Large pipes
- Pipe dryers



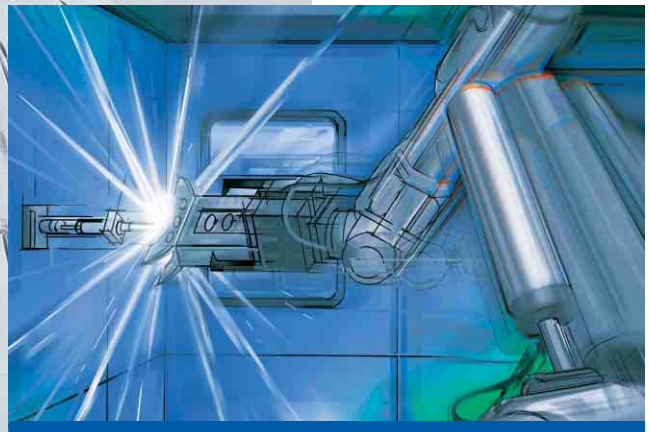
Pipe cleaning



Surface-cleaning Parts-

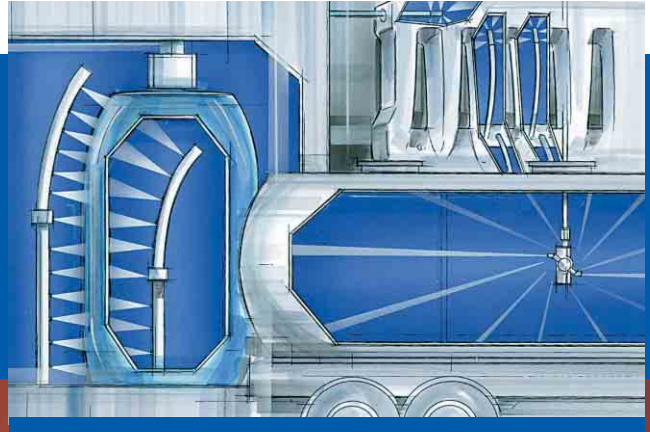


- Concrete / Bitumen / Floors
- Filter clothes / Filter plates
- Gratings
- Skids / Structural steel
- Fittings
- Forms
- Air filters
- Castings
- Steel slabs





- Autoclaves
- Reactors
- Mixing vessels
- Spray towers
- Tanks/Tank trucks
- Tank cars
- Containers/Barrels



Container cleaning



More than enough power for any cleaning job

URACA cleaning technology combines the natural cleaning power of water and modern high pressure pump technology.

Every type of surface coating or undesirable material layer is a potential task for water jet cleaning. URACA has the tools, equipment, and experience to remove materials or substances as required. URACA systems and equipment can remove almost every type of coating, irrespective of the material or consistency.

Benefits:

- Economic operation due to the low cost of the cleaning medium, water.
- Universally applicable - a cut above all other cleaning systems.
- Huge range of applications can be handled by water jet cleaning technology.
- Reliable functionality due to robust technology.
- Advanced working environment due to protective equipment and proven technology.
- Environmentally friendly by avoiding cleaning agents.
- System can be integrated into existing processes.
- Systems have high level of automation.

Applications:

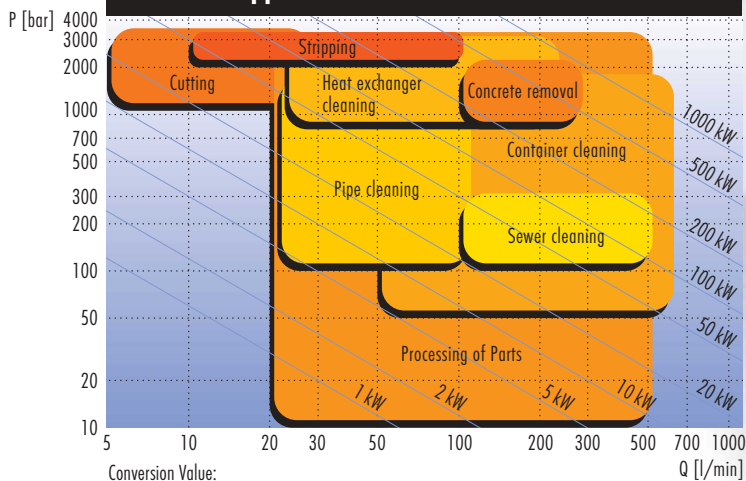
Fields

Automotive industry
Beverages
Ceramics
Chemical plants
Construction and concrete
Contractor cleaning
Engine manufacturers
Food industry
Foundry industry
Iron and steel
Off-shore wells
Paper industry
Petrochemicals
Pharmaceuticals
Pulp and stock
Sanitary / Sewage
Subcontractor industry
Sugar industry
Transportation vehicles

Surface Coatings

A ABS
B Bark
Barnacles
Bitumen
C Carbon
Cellulose
Ceramic powders
Chemical deposits
Coatings
Coke
Concrete
Cast cores
D Deposits
Detergents
Dispersions
Drying residues
Dust
Dyes
E Epoxies
F Foam rubber
G Glue
Granules
Grease
Gypsum
I Incrustations
L Latex
M Malasses
O Oil deposits
P Paint
Polyamids
Phenol
Polyester
PVC
R Rag
Rubber
Rust
S SAN
Scale and slag
Styropor
Sugar
T Tartar
W Wood

Fields of Application





A flexible high-tech standard and customised system

URACA offers a comprehensive water jet cleaning programme to match your requirements.

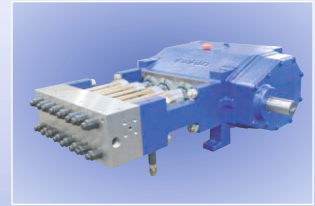
The key to the success of URACA's water jet technology lies in the consistently high quality of all cleaning products and in the complete spectrum of basic equipment and accessories for every cleaning application. Each individual element is designed, developed and manufactured to the highest possible standards. The experience of many decades has enabled URACA to develop a universal range of intelligently combinable components, dovetailed for optimal solutions.

Place your trust in URACA's longstanding experience.

Reliable high pressure pumps

URACA's longstanding core competency. The wide range of unique top-performance high pressure pumps forms the basis of every cleaning concept.

- Driving power up to 1500 kW
- Pressures up to 3000 bar
- Capacity up to 5500 l/min

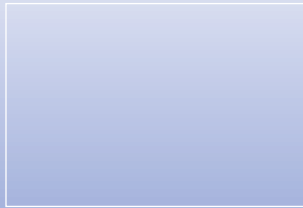


Powerful units

Sturdy - user friendly - long life. URACA units are highly flexible and of steadfast quality.

- Electrical or internal combustion engines
- Mobile or stationary
- Wide range of designs

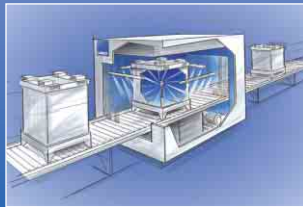




Automated systems

URACA system technology is characterised by extendable, modular construction, variable levels of automation and high process integration.

- Conveyor cleaning system
- Robot-controlled cleaning systems
- Container cleaning systems



The perfect water jet cleaning programme



Proven tools

The decisive components for the job-oriented cleaning effect. Customised equipment for special requirements optimises cleaning work.

- Nozzles
- Spray guns and lances
- Tank cleaning and rotating heads
- Surface cleaners
- Positioning devices
- Spray cabins



High Pressure – State of the Art Technology – Worldwide

URACA



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Fax +49 (71 25) 133-202
info@uraca.de
www.uraca.de

Certified acc.:
■ DIN EN ISO 9001:2000 by LRQA
■ VGB KTA 1401
■ Gost

URACA is a leading manufacturer of high pressure plunger pumps and high pressure water jet technology. Since 1893 the company has been a global leader in the development of this technology.

URACA's core competency lies in the development, design, and manufacture of high pressure plunger pumps, pump units, and accessories for almost all industrial fields.

URACA offers leading technological know-how in the field of fully automated and process-integrated system technology.

The key focus is on two market segments:

- High-performance pump solutions for the CPI sectors and heavy industry.
- A universal and modular complete programme for high-pressure water jet technology, especially for highly automated plants.

The German domestic market is covered by URACA sales centers and a network of service centers. Internationally, URACA has subsidiaries and agencies. Additionally numerous representatives underline the company's presence around the globe.

A high standard of research and development, plus a modern manufacturing facility stand for unsurpassed product quality. Ongoing market research and close attention to current market needs safeguards the company's technological leadership.

Each URACA customer profits from this comprehensive experience and technology and will find that URACA is a highly competent partner in the solution of their cleaning problems.