

GENERAL SURFACE CLEANING

In the processing and manufacturing industry, regular cleaning work and maintenance is essential in order to guarantee continuous work processes and operational safety. The cleaning of surfaces entails vastly differing requirements. Therefore, typical and frequent tasks include:

- General cleaning work such as the cleaning of machine parts, procedural components, transport containers, valves, etc.
- Cleaning of technical installations and surfaces that influence the production process
- Removal of coating and painting on buildings and technical devices
- De-rusting of steel surfaces
- Removal of burned materials, e. g. due to high process temperatures or welding work

The use of water to clean under high pressure is suitable for a wide variety of surfaces and materials. In combination with innovative accessories, a high work efficiency with a simultaneously high safety level is achieved by the user.

Insoluble substances such as oil, dispersion or mineral colours, as well as stubborn deposits, can be broken down, dissolved, and removed using high water pressure. Because water gets into practically every small



01 With the WOMA® FloorMaster, large floor spaces can be cleaned quickly and safely.

02 The removal of erosion and cleaning of every kind is possible with help from the high water pressure gun.

03 Rubber and other stubborn coatings can be removed.

space, sharp-edged surfaces and flanges do not need to be cleaned afterwards. Water pressure cleaning does not develop dust exposure and eliminates the need for the sourcing and disposal of blasting abrasives. The related burden of this for users, surfaces and the environment is consequently avoided. Because only clean water is used, removed substances can easily be filtered out. Neither collection tanks, nor acids, lyes or any other solvents, which must be disposed of, need to be used. The materials used, quantities of waste and costs are greatly reduced as a consequence of this.

For water jetting procedures with ultra high pressure, correspondingly strict legal safety standards apply. Innovative product developments provide the possibility of working far away from the lance and reduce the risk for the user. Parallel to this, modern, lighter protective equipment offers a greater range of movement during work.

The high pressure water technique is designed for use in EX-areas, as no flying sparks occur. With regard to cleaning parts in areas with a threat of explosion, these need not be dismantled, but can be cleaned directly on-site.

Advantages at a glance

- High pressure water jetting can be used for the cleaning of various surfaces and materials
- The smallest of cracks, corners and any unevenness can be reached
- No additional subsequent cleaning is required

WOMA® INNOVATION: SAFE PARTS CLEANING

With the mobile parts cleaning device MCS Safety, WOMA® revolutionises parts cleaning in terms of safety and efficiency by using high pressure water jetting. With this system, personnel and work pieces are separated using a mobile safety wall. On one side, the part to be cleaned is fixed onto a movable table, which can be operated by a steering wheel. The water tool is mounted on a telescopic lance and can be steered from the other side of the safety wall. The operator is always outside of the danger area and does not need to wear any protective equipment for using high pressure.

