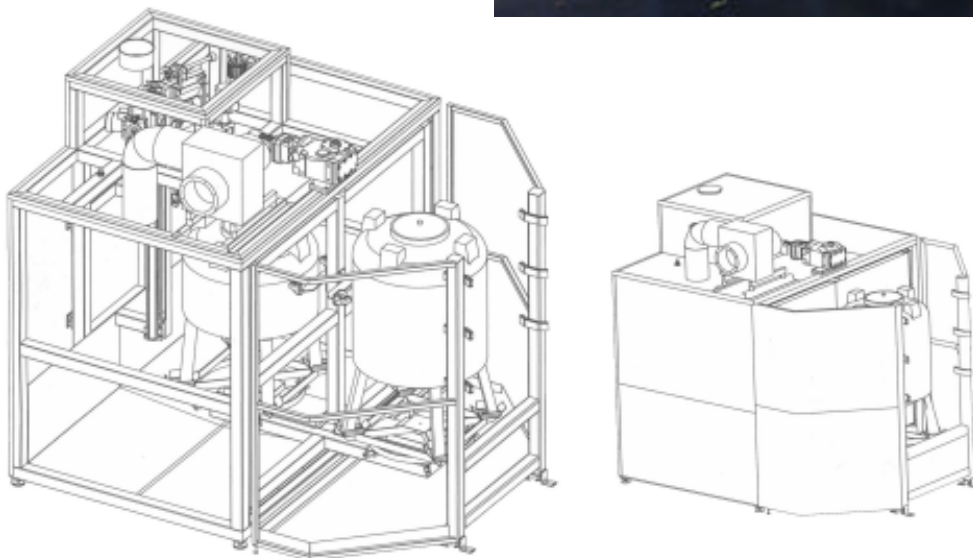


Cleaning the outside of transport containers – ideal for the foodstuffs industry

URACA

The strict requirements for cleanliness of transport containers in the foodstuffs industry are no longer restricted to the inside of the container. Demands are also increasing for the outside surfaces to be cleaned to a high standard. The logical consequence of this has been the development of a special washing cabin by URACA, in which hot water - delivered at 800 - bar is used to thoroughly clean the outside of containers, removing labels and soiling. The system is designed for containers with 1000 mm diameter and heights between 1280 mm and 1670 mm.



This washing system consists of a RS724E/800 high-pressure pump unit and a sound-proofed cabin. The loading zone is situated in front of the cabin, which is accessed through a revolving door. This arrangement allows staff to load the system with a platform lift truck, while the high-pressure cleaning process is performed inside the cabin. After loading, the required washing program is selected at the control panel, while a sensor control system determines the type of container in the cabin. After completion of the current programme, the container to be cleaned is automatically swivelled into the cabin.



Light barriers monitor the revolving apparatus for safety purposes. The actual cleaning process starts once the container is in position. Washing is performed via a rotating nozzle head, located above the container. During the cleaning process, the container is turned 360 degrees, allowing the nozzle head to clean the upper surface of the container. At the same time, a second rotating nozzle head washes the sides. For fast and yet thorough cleaning, it is essential that the rotation axes speeds can be individually set. These parameters can be adjusted by the operator for each programme, enabling him to choose the



intensity and duration of the cleaning process, to suit the degree of container soiling. Up to 10 programmes can be saved for this purpose. The benefit for the user lies in high container numbers, cleaned with optimum results.