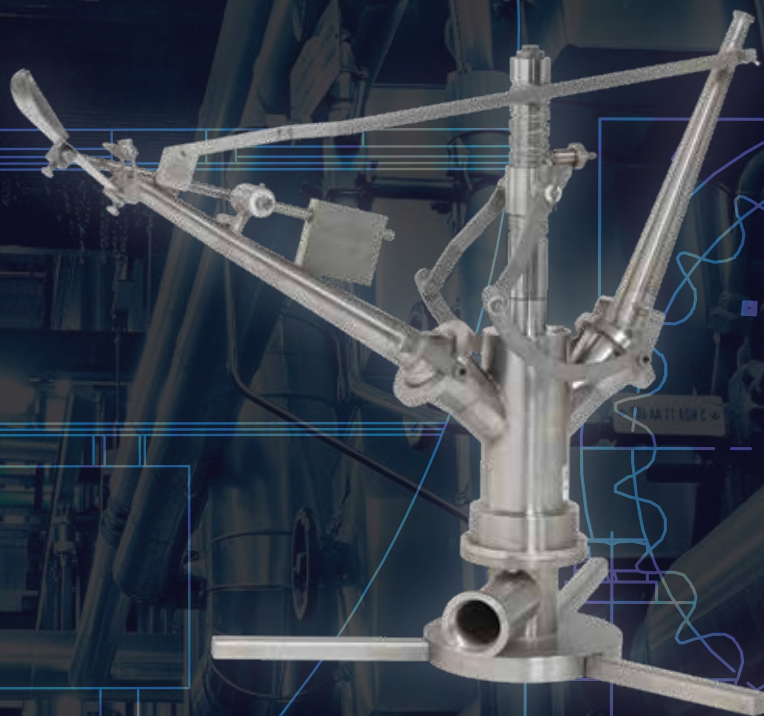


SPIRALJET

EQUIPMENT FOR SPRAY WASH
OF LARGE TANKS



ADVANTAGES

AUTOMATIC
ROTATING
JET DELIVERY

CLEANING OF INTERNAL
SURFACES OF CONTAINERS
OF ANY CAPACITY AND
SIZE WITHOUT MANUAL
INTERVENTION

CAPABLE OF
CLEANING UP
TO 16-18 METERS
(50 - 60 FEET) IN HEIGHT.

AEB ENGINEERING: POWERFUL AND HIGH-PERFORMANCE CLEANING TOOLS FOR THE INDUSTRY

Spiraljet is manufactured by our **AEB ENGINEERING** division, which ensures top quality and reliability of the technologies used through **100% internal and on-site production**. **AEB ENGINEERING** specializes in the development of equipment for cleaning, hygiene, and sanitation of large industrial tanks, analysis equipment, food processing and treatment plants. It also offers **flexible and customized support** during installation and after-sales service.



Spiraljet is a device featuring an automatic rotating jet, designed to wash the internal surfaces of containers of any capacity and size without manual intervention.



Spiraljet

OPERATION

To operate **Spiraljet**, connect it to the discharge hose of the self-priming **Pulipomp-Spiraljet** pump. Once connected, **Spiraljet** should be introduced into the tank, ensuring that both lances are closed vertically and the feet are folded inward, resulting in a minimum footprint of 385 mm. Once inside the tank, through the lower manhole, reopen the feet and the two lances, securing them to each other, and position the device at the center of the vessel. Next, connect the **Pulipomp-Spiraljet** suction hose to the tank's bottom valve.

The amount of cleaning solution to be recycled varies based on the diameter and height of the tank, but generally, 10 hectoliters of solution on the tank's bottom, corresponding to a height of 6-10 cm, is sufficient.

Within one hour, about 300 hectoliters of solution are projected onto the tank walls with substantial impact force; thus, using 10 hectoliters of solution, it is recycled 30 times.

COMPONENTS

Spiraljet is a stainless steel device consisting of two opposing rotating lances that continuously change the jet angle relative to the vertical axis.

PULIPOMP FOR SPIRALJET

A self-priming monoblock centrifugal pump with a closed impeller and special seals for alkalis, mounted on a three-wheel trolley, coated with oven-cured epoxy powder, resistant to corrosion.



Pulipomp for Spiraljet

PULIPOMP-SPIRALJET

The two lances, equipped with 15 mm diameter nozzles, ensure the recycling of approximately 500 hectoliters/hour of cleaning solution with the Pulipomp-Spiraljet pump. Jet rotation is achieved by a rod and counterweight system equipped with a reaction snail. The jet angle is continuously modified by a guide that runs through a spiral lead screw.

FITTINGS

The fittings are Ø 50 mm in stainless steel AISI 304.

MOTOR

The motor is a 400 V, 10 HP, 7.5 kW asynchronous three-phase motor, with a capacity of 320 hectoliters/hour at 30 meters, and 100 hectoliters/hour at 50 meters.