



TANK CLEANING EQUIPMENT

**SANITARY  
INDUSTRIES**

 **scanjet**

## Tank Cleaning in the Sanitary Industries

From the Beverage to Pharmaceutical industry, tank cleaning is an important part of any process, a dirty tank, or unreliable tank cleaning equipment is a big headache for Quality and Production personal alike, no one understands this better than Scanjet.

Our products are designed by our customers to be used by our customers. Through the years we have listened to what you have had to say and have a delivered a product range that is unrivalled in terms of technology, performance and reliability.

**Scanjet - Intelligent Tank Cleaning**



## Bio Sanitary Tank Cleaning Equipment

Scanjet offers a range of tank cleaning machines specifically designed for sanitary applications, such as pharmaceutical, cosmetics, food and beverage. The Bio range of tank cleaning devices have been developed following EHEDG guidelines, and have unique self-cleaning features.

The Bio machines are self-powered, offering 360 degree coverage in the tank, while cleaning itself during operation. The cleaning liquid ensures proper lubrication of the machines and drives the internal turbine, powering the rotation of the machines.

The Scanjet Bio machines range from effective rotary spray heads, suitable for moderate cleaning needs to more powerful and robust rotary jet heads for more complex and demanding cleaning applications.

Juice concentrate tanks, dairy tanks, liquid sugar tanks, distillery wash backs and fermentation tanks are just a few examples of process tanks that can be cleaned effectively with the Scanjet Bio range.



## Rotary Spray Heads - Slide Bearing

The Bio rotary spray heads are suitable for small to medium sized process vessels where moderate cleaning is needed. The spray heads are low pressure devices, where rotation is powered by the eccentric flow of the cleaning liquid through the spray head. A limited amount of cleaning liquid is required to efficiently remove residues.

The Rotary Spray Heads range is completely self-cleaning both on the inside and the outside, as well as self-draining. It has a 360° spray pattern. Thanks to its simplified and effective design, it can be used in a wide range of applications and can be installed in any position or angle.



Bio 2SB



Bio 5SB



Bio 7SB

### TYPICAL APPLICATIONS

- Mixing vessels
- Reactors
- Yeast tanks
- Intermediate Bulk Containers (IBC)
- Beverage tanks
- Paint manufacturing tanks
- Glue production tanks

### FEATURES & BENEFITS

- 360° spiral cleaning
- Rotating spray
- Self cleaning
- Low operating pressure
- Highly efficient cleaning
- Minimised fluid consumption & usage of cleaning chemicals



# Rotary Jet Heads

The Bio rotary jet heads are suitable for medium to large process vessels where high impact cleaning is needed. The optimised hygienic design offers self-cleaning of the entire machine, both internally and externally.



Bio 10



Bio 25



Bio 50

## TYPICAL APPLICATIONS

- Fermenters
- Yeast propagation
- Transportation tanks
- Mixers
- Large process vessels & reactors
- Large storage tanks

## FEATURES & BENEFITS

- Hygienic design
- Long life time & service intervals
- Reduced cycle time
- Easy & quick maintenance
- High grade stainless steel
- Self-cleaning
- High impact cleaning capabilities
- Minimised fluid consumption & usage of cleaning chemicals





## WashTrac™

The new WashTrac™ tank cleaning sensor monitors the activity of the Scanjet tank cleaning equipment. Problems are immediately indicated to the operator whilst washing cycles are tracked. The WashTrac™ sensor is housed in high-quality stainless steel, making it ideal for use in sanitary and hygienic applications.



## Weld Adapters

The Scanjet weld adapters are designed to fulfil the demands and criteria of hygienic process connection for tank cleaning machines in process tanks. Weld adapters are available for all standard pipe dimensions.



## Surface Finish

The standard surface finish of all Bio machines is 0.8  $\mu\text{m}$ , but other options are available upon request.



## Maintenance

Service kits, spare parts and tools are available to facilitate and minimise maintenance downtime. All items required for regular servicing are included in the service kits. Spare parts are - when required - available for immediate delivery.



## Certification

All Bio range machines are designed in accordance to the EHEDG and FDA hygienic design guidelines, as well as being ATEX certified. Material certificates according to EN10204 2.1, 2.2 or 3.1 can be supplied upon request.



## About Scanjet

Since 1994 Scanjet has delivered over 150,000 tank cleaning machines from our production facilities in Sweden to customers around the world, making us today the largest supplier of tank cleaning equipment.

Our success is down to our dedication in always staying at the leading edge of development. Scanjets customers can be found in many industries both on and offshore. Our product range is extensive covering every tank and application.



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