

# Bio 20

Scanjet tank cleaning equipment



The Bio 20 rotary jet head is a hygienic tank cleaning machine that provides 360° coverage within a given tank or process vessel. The Bio 20 is an advanced external gear self-powered tank cleaning machine. The external gear box allows for complete sealed tank operation, reduced the number of parts submerged in the product and boasts easy maintenance features.

An increase in water pressure through the turbine increases the jet length and impact on the side of the tank or vessel. The Bio 20 employs market leading self-washing technology that allows itself to be completely covered and has been certified in validations protocols such as a riboflavin rinse validation and yogurt washing trials.

## Quality Standards

The Bio 20 is produced in accordance to stringent quality standards and meets or exceeds ISO 9001 International Quality Standards as well as conforming to the cGMP as detailed by the United States FDA (Food and Drug Administration and EHEDG (European Hygienic Equipment Design Group)

## Typical Cleaning Methods

- Fixed installed CIP Systems
- Multi- Tank Solution Recovery
- Single Use/Single Pass
- Single Use/ Recovery

## Typical Applications

- Process vessels and reactors
- Storage tanks
- Fermenters
- Yeast Production

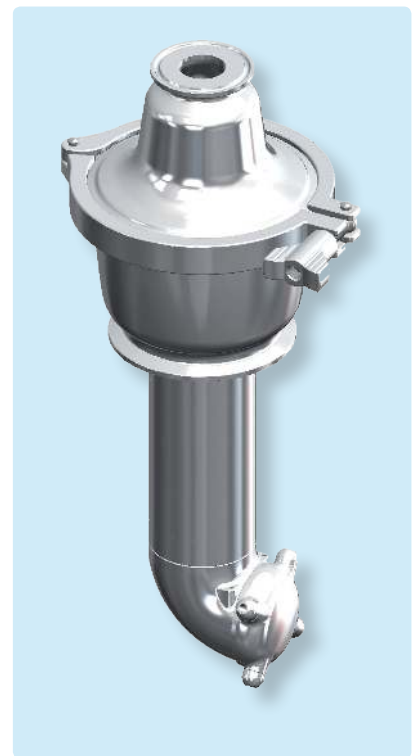
## KEY FEATURES

Bio 20 is an advanced external geared tank cleaning machine specially designed for:

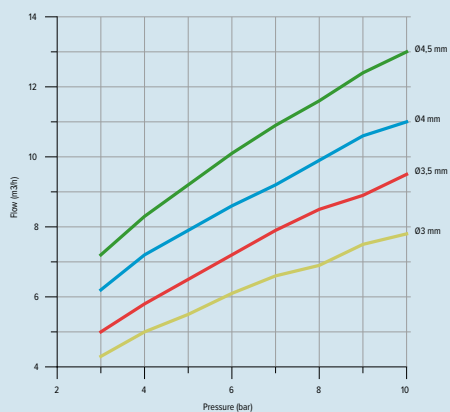
- Food and Dairy
- Pharmaceutical
- Chemical Processing
- Transportation
- Beverage

## WHERE

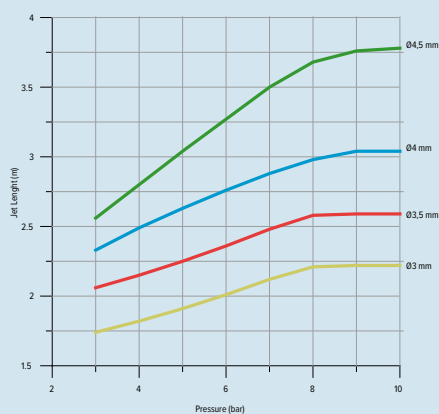
- Self-washing required
- Low fluid consumption
- Hygienic design



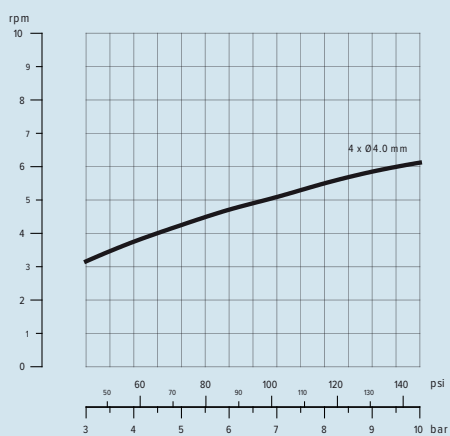
## Technical performance



Pressure/Flow

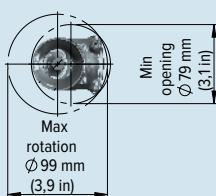
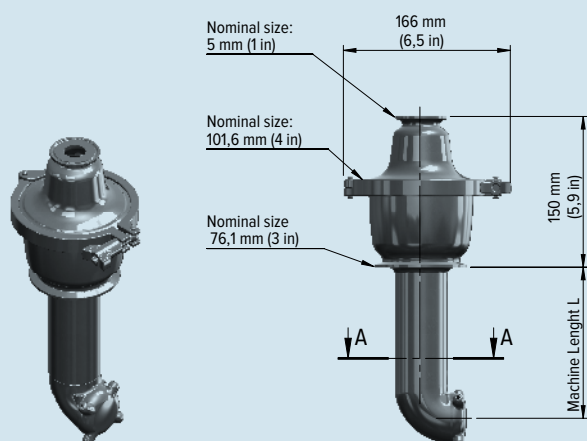


Jet length

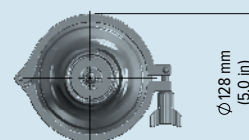


Rotation/Pressure

## Dimensions



SECTION A-A



Nominal sizes of connections according to ISO 2852

## Specifications

Flow	5-12 m³/h
Inlet pressure	3-10 bar
Max pressure	12 bar
Recommended pressure	6 bar
Max temperature	95°C
Max ambient temperature	140°C
Weight	7 kg
Connections standards	Tri clamp
Material	AISI 316, PTFE, PEEK
Lubrication	Cleaning media



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