

Bio 10

Scanjet tank cleaning equipment



KEY FEATURES

Bio 10 is an advanced tank cleaning machine specially developed for:

- + Food & Dairy
- + Pharmaceutical
- + Chemical Processing
- + Transportation
- + Beverage

Where

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

The Bio 10 rotary jet head is a hygienic tank cleaning machine that provides 360deg coverage within a given tank or process vessel. The Bio 10 is self powered by the flow of the fluid through the inlet cone of the machine. An increase in pressure and flow will correspondingly increase the length of the jet and impact upon the tank or vessel surfaces. The Bio 10 employs exclusive self-washing features that allows itself to be completely covered and has been certified in rinse validation protocols such a riboflavin rinse validation and yogurt washing trials.

Quality Standards

The Bio 10 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:

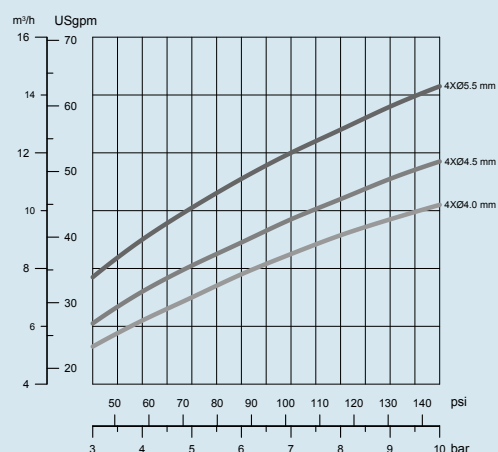
- + Fixed Installed CIP Systems
- + Multi-Tank Solution Recovery
- + Single Use/Single Pass
- + Single Use/Recirculatory

Typical applications

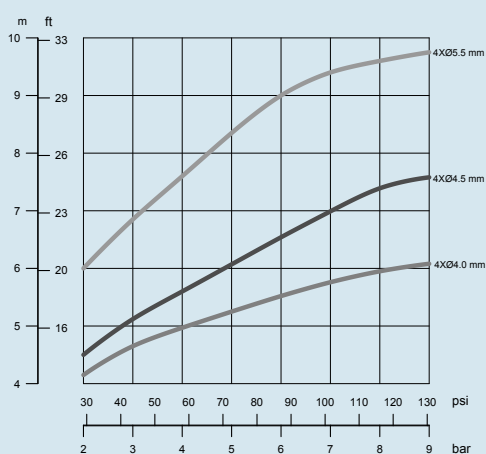
- + Process vessels and reactors
- + Storage tanks
- + Transportations tanks
- + Fermenters
- + Yeast propagation



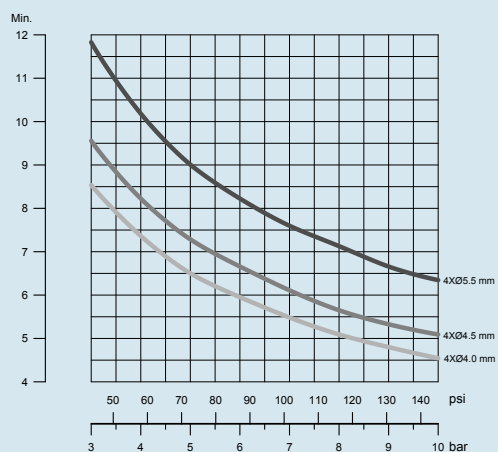
Technical performance



Pressure/Flow

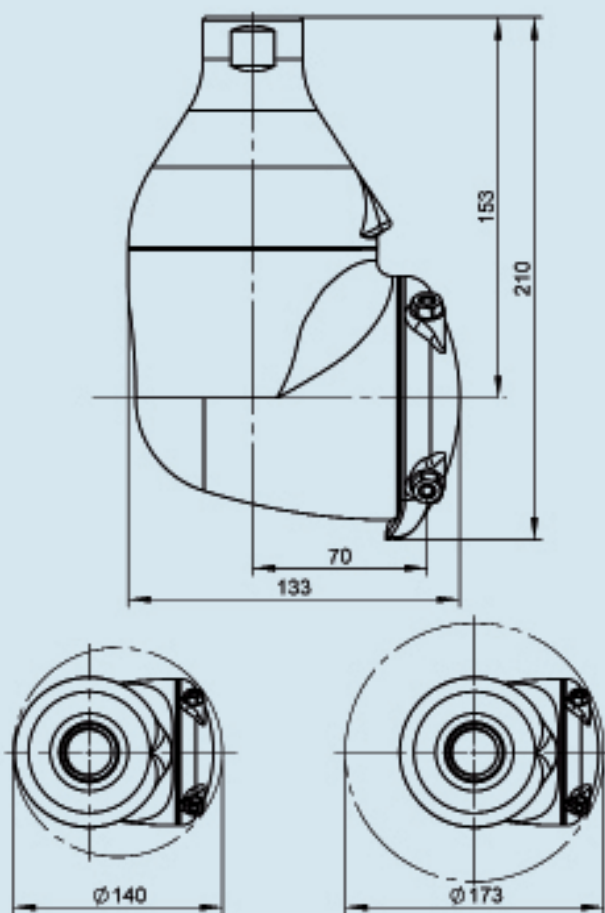


Jet length



Pattern time

Dimensions



Specifications

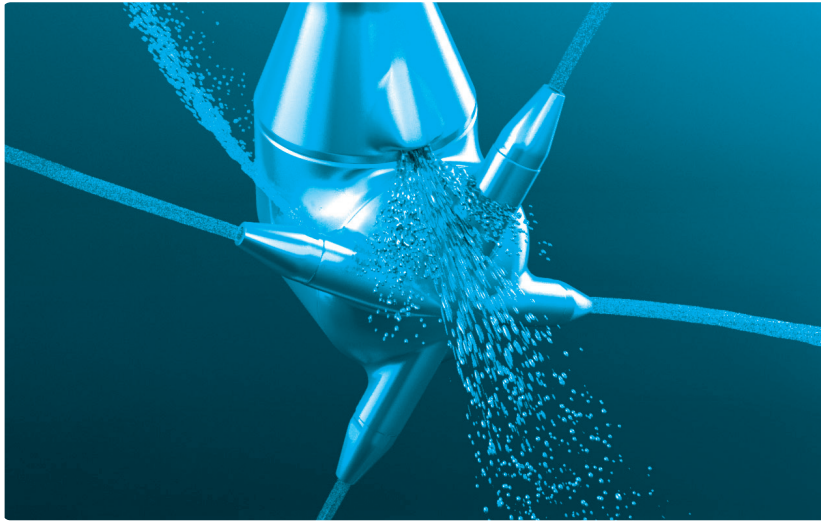
Flow	5-18 m³/h
Inlet pressure	3-10 bar
Max pressure	12 bar
Recommended pressure	6 bar
Max temperature	95°C
Max ambient temperature	140°C
Weight	5,1 kg
Connections	1" BSP/NPT
Material	AISI 316L, PTFE/GLASS (alt. PE1000), PEEK-TX, EPDM
Lubrication	Cleaning media



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Bio 25

Scanjet tank cleaning equipment



KEY FEATURES

Bio 25 is an advanced tank cleaning machine specially developed for:

- + Food & Dairy
- + Pharmaceutical
- + Chemical Processing
- + Transportation
- + Beverage

Where

- + Self-cleaning required
- + Low fluid consumption
- + Hygienic design

The Bio 25 rotary jet head is a hygienic tank cleaning machine that provides 360° coverage within a given tank or process vessel. The Bio 25 is self driven by the flow of the cleaning fluid through the inlet cone of the machine. An increase in pressure and flow will correspondingly increase the length of the jet and impact upon the tank or vessel surfaces. The Bio 25 employs exclusive self-cleaning features that allows itself to be completely cleaned during the cleaning cycle and has been certified in rinse validation protocols such as a riboflavin rinse validation and yogurt washing trials.

Quality Standards

The Bio 25 is produced in accordance with 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:

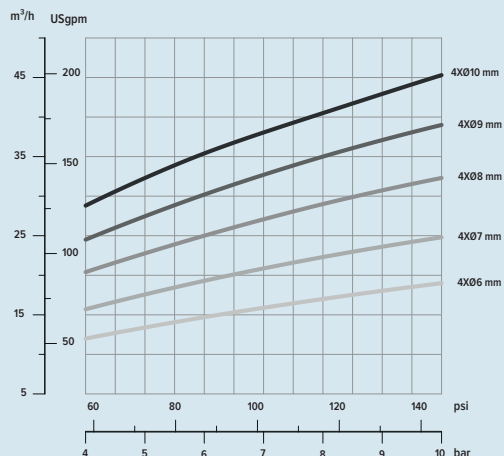
- + Fixed Installed CIP Systems
- + Multi-Tank Solution Recovery
- + Single Use / Single Pass
- + Single Use / Recirculatory

Typical applications

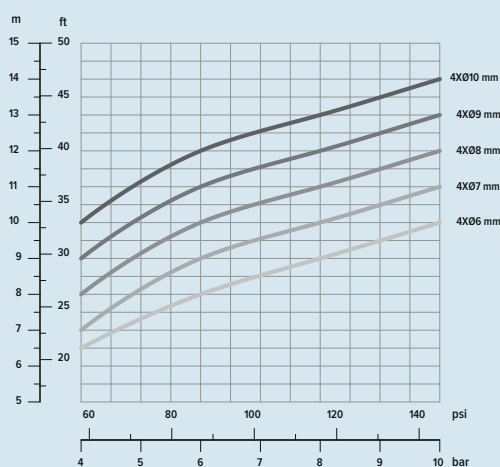
- + Process vessels and reactors
- + Storage tanks
- + Transportations tanks
- + Fermenters
- + Yeast propagation



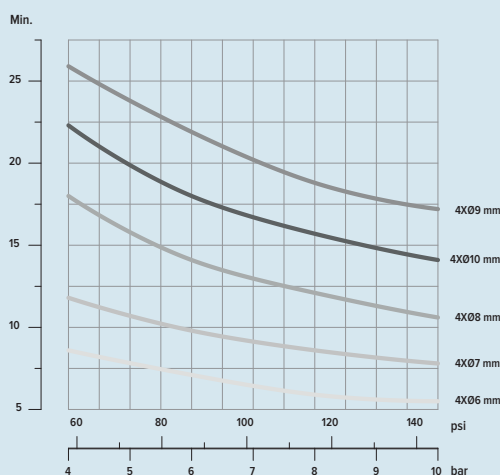
Technical performance



Pressure/Flow

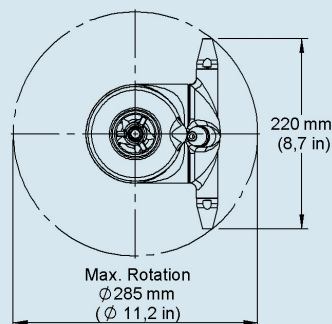
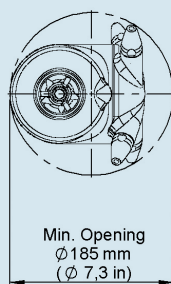
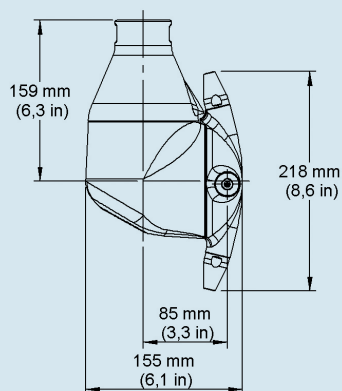
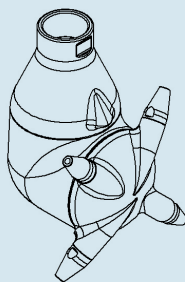


Jet length



Pattern time

Dimensions



Specifications

Flow	6-45 m³/h
Inlet pressure	4-10 bar
Max pressure	12 bar
Recommended pressure	6 bar
Max temperature	95°C
Max ambient temperature	140°C
Weight	7 kg
Connections standards	1,5" BSP, NPT
Material	AISI 316, PTFE, PEEK, Tungsten, Al2O3
Lubrication	Cleaning media



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SC 40RT

Scanjet tank cleaning equipment



KEY FEATURES

- + Magnetic drive
- + Rugged construction
- + External drive
- + Easy maintenance
- + High jet impact
- + Easy installation
- + Adjustable speed

The SC 40RT is a dual or four nozzle externally driven automated tank cleaning machine constructed of 316 stainless steel and other highly corrosion resistant materials. It employs a patented magnetic drive transmission thus reducing the need for costly seal replacements and potential failures when used in hazardous environments. The drive mechanism and other major components are external to the tank, this results in easy maintenance and a high level of safety when the cleaning of hazardous products are required.

The SC 40RT is a very rugged and durable tank cleaning machine; designed for demanding cleaning applications where reliability and long service intervals are required.

Quality Standards

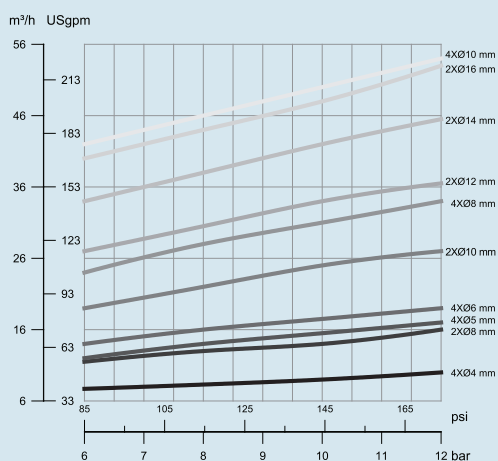
The SC 40RT is produced in accordance with ISO 9001 Quality Standards and our certificate of conformity and accreditation is available on request.

Typical applications

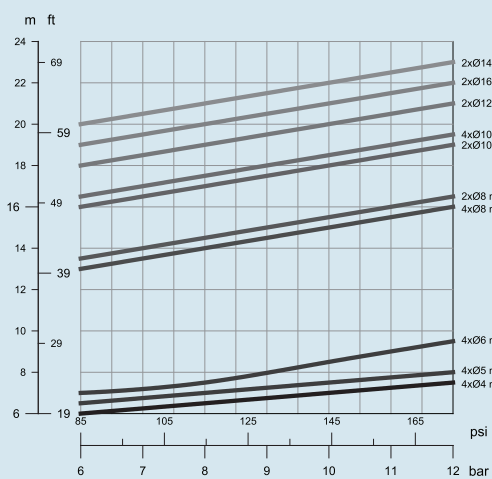
- + Ethanol fermenters, storage and process tanks
- + Crude oil storage tanks
- + High density stock chest
- + Large silos and dryers
- + Road tankers and railcars
- + Reactors
- + Large Uni-Tanks
- + Pulp storage tanks



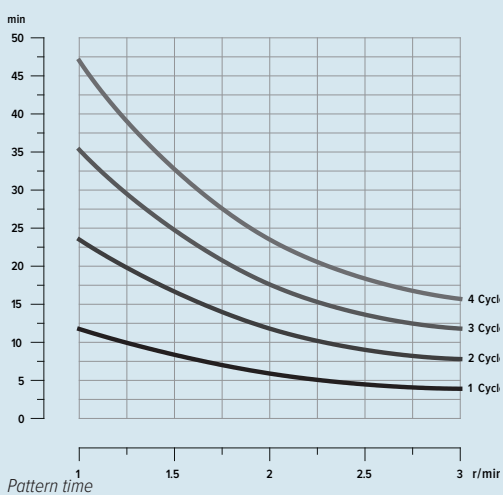
Technical performance



Pressure/Flow

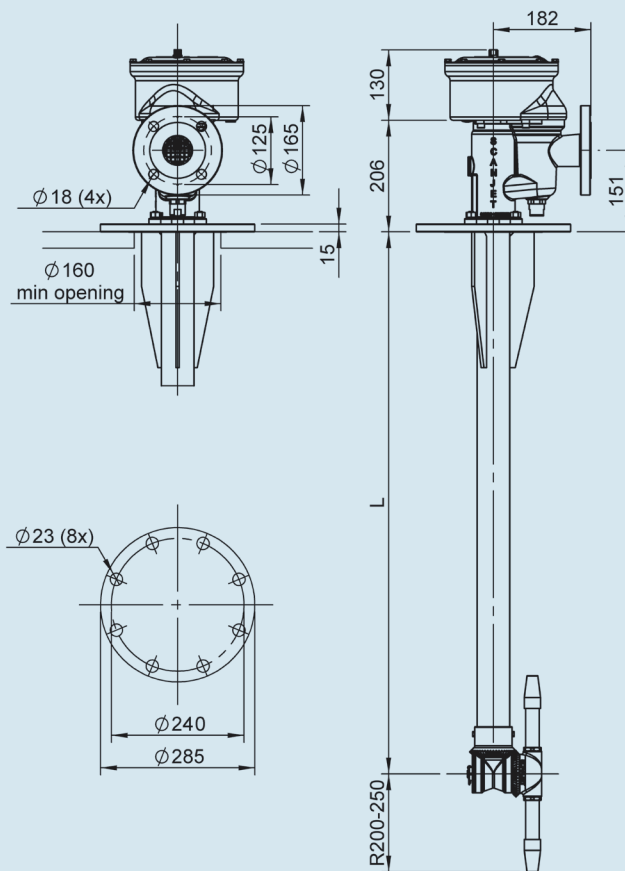


Jet length



Pattern time

Dimensions



Specifications

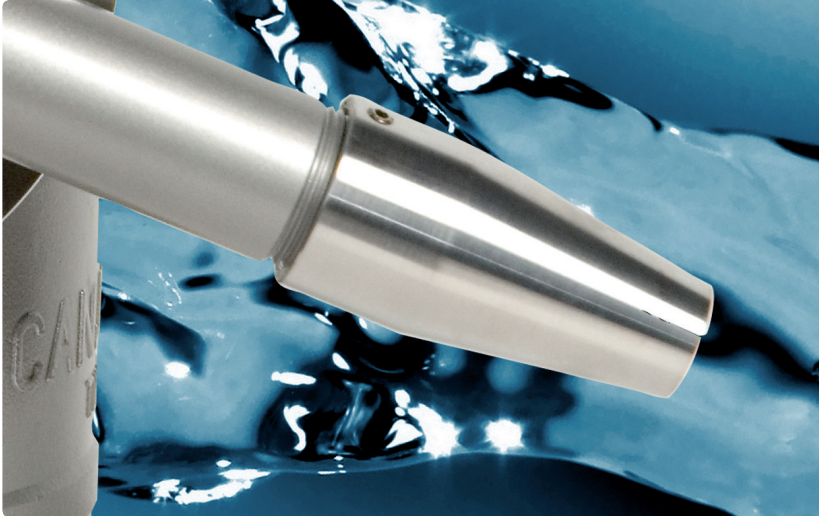
Flow	5-55 m³/h
Inlet pressure	6-12 bar
Max pressure	14 bar
Recommended pressure	8 bar
Max temperature	95°C
Rotation speed	1-2 rpm
Standard length	1500 mm
Weight	43 kg
Per additional meter of main pipe	10 kg
Tank connection	PN16 DN150
Inlet connection	PN16 DN50
Materials	AISI 316, PTFE, Viton
Lubrication	Cleaning media



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SC 15TW

Scanjet tank cleaning equipment



KEY FEATURES

- + Rugged construction
- + Adjustable turbine
- + ISO 9001 Quality
- + Exceptional jet lengths
- + Easy maintenance
- + 316 SS construction
- + Optimized cycle times
- + Flow through gearbox

The SC 15TW is a 1.5" dual or four nozzle automated tank cleaning machine constructed of 316 stainless steel and other highly corrosion resistant materials. It has a fixed to moving gear ratio of 47 to 49 allowing it to produce a homogenous 360° pattern that is superior to that of any other rotating jet head in it's class.

The SC 15TW is an integrated turbine class type of tank cleaning machine and employs an adjustable turbine and flow through gearbox. The adjustable turbine allows the rotation speed of the SC 15TW to be adjusted without the need of changing costly stators and/or gearing found in other similar cleaning devices.

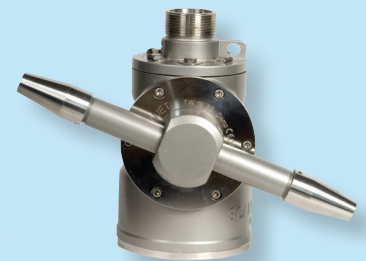
Quality Standards

The SC 15TW is produced in accordance with ISO 9001 Quality Standards and our certificate of conformity and accreditation is available on request.

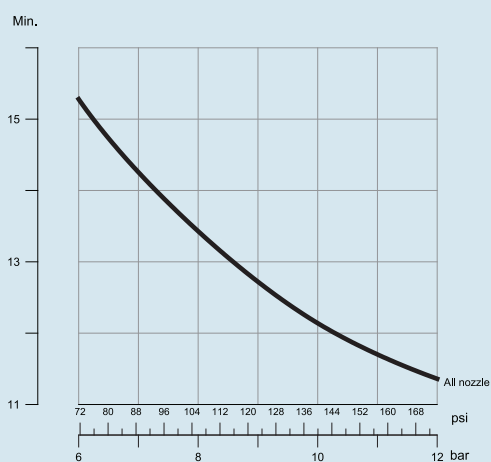
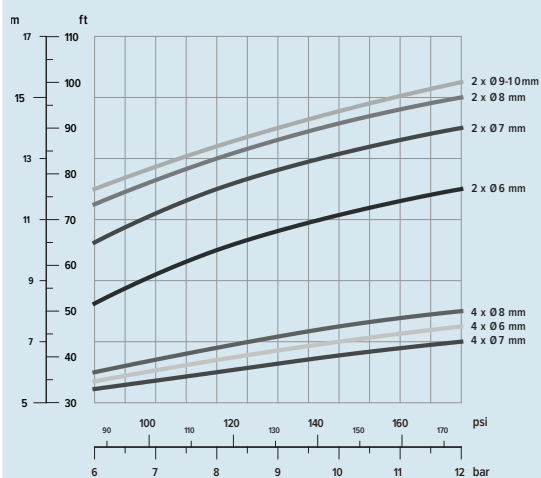
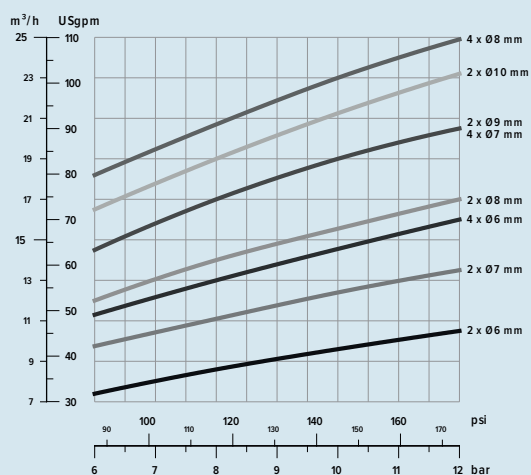
Additionally, the SC 15TW conforms to United States ASME standards for construction and others are available upon request.

Typical applications

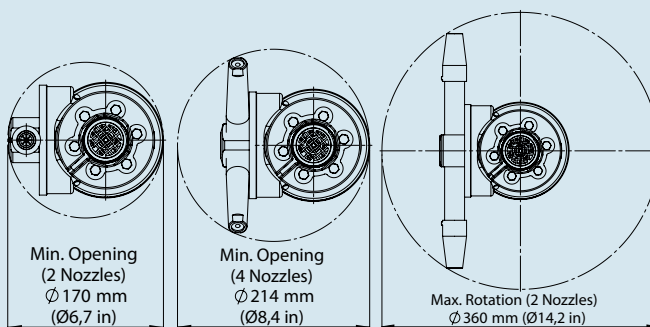
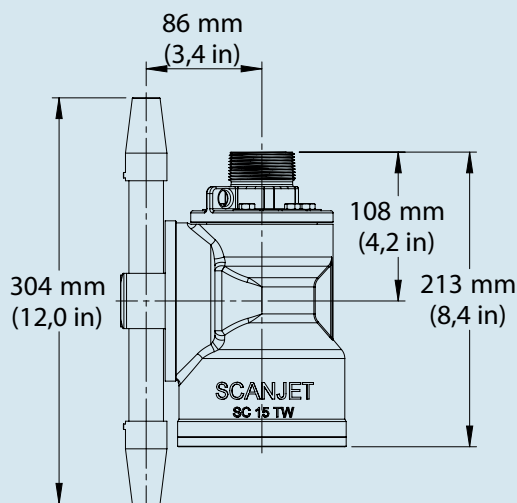
- + Road and Rail tanker cleaning
- + Portable cleaning for contractors
- + Fermenter tank cleaning
- + Storage tank cleaning
- + Wine storage tanks and fermenters
- + Brewery storage tanks and fermenter



Technical performance



Dimensions



Specifications

Flow	7-25 m ³ /h
Inlet pressure	4-12 bar (60-180 psi)
Max pressure	14 bar (200psi)
Recommended pressure	8 bar (116 psi)
Max temperature	95°C (200° F)
Rotation speed	2-4 rpm
Weight	9,2 kg (20,2 lb)
Inlet connection	1½" BSP or NPT
	Flanges as option
Materials	AISI 316L, PTFE, PEEK, Ceramic
Lubrication	Cleaning Media



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