

SC 50/75T

Scanjet Model SC 50/75T is a modern tank cleaning machine specially developed for:

- Chemical carriers
- Product carriers
- Industrial applications
- Offshore supply vessels
- Small and medium size crude oil carrier

Scanjet Model SC 50/75T is driven by the cleaning media by means of a fixed installed turbine with an integrated programmable drive unit. Full versatility is provided by free selection of single nozzle or twin nozzle type of system and multistage nozzle levels give a tailor-made installation for each specific vessel.

The nozzle (s) directing the cleaning media perform a horizontal spiral motion giving a single or crossing helical pattern with a perfect cleaning result even in areas below horizontal stringers, longitudinals, corrugated bulkheads etc. The patented design is in accordance with IMO-Marpol requirements.

Fully prepared for integration with WashTrac™, our tank cleaning monitoring system.

Working Principle

The cleaning media comes from the supply line onboard the vessel and enter into the inlet housing and passes the vertical turbine, which drives the driving unit.

The cleaning media continues through the main pipe to the nozzles and then out in the tank. The driving unit will rotate the main pipe and elevate the nozzle(s) and will hereby clean the tank in a spherical pattern.

The rotation speed is controlled by the rotation speed of the turbine and could easily be set to desired speed. The rotation of the main pipe and the elevation of nozzle(s) are indicated on the scale on the lifting rod.

The elevation per revolution (Pitch) for the nozzle(s) can be set to different pre-programmed values by means of lifting and turning the program knob.



Specifications

Flow	5-60 m ³ /h
Inlet pressure	0,6-1,2 MPa
Recommended pressure	0,8-1,0 MPa
Max temperature	95 ⁰
Rotation speed	1-1,6 rpm
Length	1,0-17,5 m
Weight	50-215 kg
Tank connection	PN16 DN150
Inlet connection	PN16-DN65

JIS 16K-65A

Material in contact

with cargo

AISI 316

Lubrication

Grease

Options

As per shipyard/shipowner specification