

Scanjet portable tank cleaning machines and accessories



Shaping the future in tank cleaning



Portable tank cleaning / Gas freeing fans

Scanjet Marine believes in a direct “producer to user” concept for tank cleaning equipment in the marine industry.

Tank Cleaning

Turnaround time is crucial and the tank cleaning period should be kept to a minimum. In most cases this is achieved by fixed equipment but Scanjet can also provide portable tank cleaning machines to reduce time and cover any shadow areas in the tanks.

The portable machines are normally twin nozzle, turbine driven and media lubricated. The machines automatically create an orbital wash pattern in the tank which ensures safe and reliable back-up cleaning.

We have used all our expertise in nozzle optimization and have developed a range of tank cleaning machines with excellent performance for all types of cargo.

Our stainless steel machines are suitable for passivation/pickling of stainless steel tanks when our standard procedures are followed.

The portable machines are lightweight and easy to operate, by lowering the machines to the desired cleaning position in the tank. The light weight hose saddle provides a stable and reliable mounting for the machine and hose.

Gas freeing fans

Scanjet gas freeing fans are available as water or air driven and are suitable for use on all types of vessels. The unique construction means that the weight is under 20 kgs and using layflat hoses further reduces the manpower needed to operate the fan.

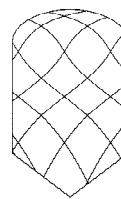


Fig 1. After one cycle

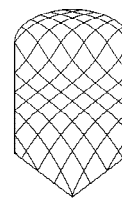


Fig 2. Full pattern



Tank cleaning machines

Scanjet can provide all the necessary ancillary equipment to operate the portable tank cleaning machines and this is available in major ports around the world.

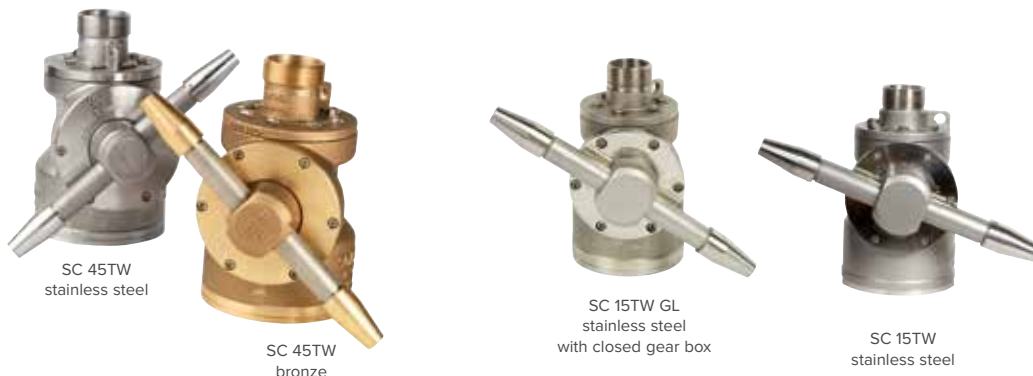
Tank cleaning machines: SC 15TW, SC 45TW and SC 15 TWGL

The turbine driven SC 15TW is only available in stainless steel and SC 45TW is available in both bronze and stainless steel and is therefore suitable for any type of tank cleaning operation. The machines are normally media lubricated however the SC 15TWGL can also be supplied with a sealed oil lubricated gearbox. This will increase the time between service intervals.

SC 15TW
21 m³/h weight

SC 45TW
51 m³/h weight

SC 15TWGL
21 m³/h weight



Accessories for portable equipment

Hose saddle

The hose saddle is designed to minimise the deck opening during tank cleaning operations and provides a stable mounting for the machine and hose.



Hoses

Tank cleaning hoses are available in various lengths.



Our standard hoses are manufactured in EPDM rubber and incorporate two stainless steel bonding wires to ensure electrical continuity.

Rubber bumpers

To minimize the risk of coating damage Scanjet recommend the use of rubber bumpers particularly when cleaning close to the tank walls.



We can also supply stainless steel hoses for special applications. Moreover, Scanjet can provide acid resistant hoses when more aggressive cleaning is required.

Service Kits

Our service kits contain all the necessary parts and instructions to carry out easy and effective planned maintenance.

Connections and adaptors

A variety of adaptors and connectors are available in a selection of materials all of which are suitable for the marine environment.



Gas freeing fans

SC F150 W

SC F150W is a portable water driven gas freeing fan that is suitable for use on all types and sizes of vessels. The fan is designed as a high performance, deep penetration unit. Constructed from stainless steel and aluminium, it is lightweight and easily moved around the deck.

Accessories

For couplings other than our standard 2" BSP we can supply adaptors to suit most common connections.

Hoses

Scanjet can supply all the necessary ancillary equipment to operate the fans including layflat inlet and outlet hoses and flame retardant, anti-static ducting. These are all available in various lengths.



SC F150 W

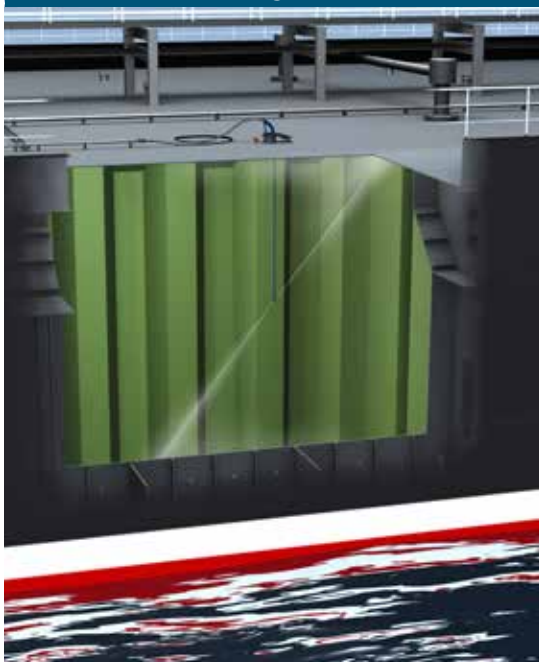
SC F90 A

SC F90A is a portable air driven fan specifically designed for use on chemical carriers. It can also be used on all other types of vessels where air is preferable to water for operational reasons. The fan is designed as a high performance, deep penetration unit. Constructed from stainless steel and aluminium, it is lightweight and easily moved around the deck.



SC F90 A

Portable tank cleaning Installation



We reserve the right to changes without prior notice. Issue 03-04,15

Chemical carrier



Product carrier



Crude oil carrier



Offshore supply vessels



Our machines are approved by all major classification societies and are commonly used on board vessels and offshore platforms.