



Waterjetting machines



**Ships Maintenance Worldwide**



## Waterjetting machines

# Ships Total Care Solutions

**Founder and owner Capt. John S. Diakogiannis**

### Tank Cleaning

Our company is specialized in tank cleaning, the process of removing the liquids and residues and preparing the tanks for accepting a different cargo or to undergo a repair. We undertake the tank cleaning of all types of tanks on all types of vessels.

### Maintenance

The most important factor for protection of a ship's Hull & Machinery is planning and performing regular maintenance. Our team is available 24/7 to undertake any kind of maintenance task.

### Hydroblasting Services

Hydroblasting is an environmental friendly technique for cleaning surfaces, which relies entirely on the energy of water striking a surface to achieve its cleaning effect.

We are specialized in the tank cleaning of all types of vessels, a necessary task for accepting a different cargo or undergoing repair and conversion.

### MISSION & VISION

To provide high quality services, putting our Clients' needs and satisfaction first, in reasonable prices.

### Waterjetting Applications:

The applications of STC waterjetting machines are practically endless. The main concept is cleaning and surface preparation for further process (coating, restoration etc). Water jetting can be applied in every area of productive activity such as Shipping and Constructions. Water jetting is by far the most environmental friendly method. No need for compressed air (no investment for air compressors, no energy waste). Water is much easier to be found, cheaper and much easier to be administrated.

### Removal of Foreign Elements

The use of hot water has the advantage of removing oil and grease from the surfaces. The pressure of water jetting units can remove dirt, coatings and difficult stains from a surface. It's fast, efficient, safe and eco-friendly. It is ideal for cleaning food processing industries, medicinal plants and other industries that require cleaning without chemicals. The kind of job that can be performed by a water jetting machine depends on its working pressure and the flow rate it delivers.

### Water Sand Blasting

All STC high pressure water jetting machines can be equipped with the sand blasting kit. The sand can be of various kinds, according to the job that can be performed. This combination of high pressure water reinforced with sand boosts the effectiveness of the impact and productivity by at least 50% leading to excellent result.

### Rotating nozzle

Rotating nozzle uses centrifugal force to produce a strong impact and a spray pattern. The nozzle rotates a powerful, zero degree spray pattern in a circular motion to break down tough dirt and grime. By spinning the discharge water, the spray adds additional scrubbing ability to the cleaning process.

ABOUT US

GENERAL DESCRIPTION

### Single Phase Water Blasting STC E 160-9 JET

Technical Specifications	
Model	STC -E 160-9 JET
Max. operating pressure	160 bar
Voltage	230 V
Frequency	50 Hz
Max. water flow rate	9 lpm
Motor output power	2,2 kW/ 3 HP
Plunger material	Ceramic
Pump head material	Hardened brass
Motor speed	2.800rpm
Crankshaft speed	2.800 rpm



Indicative model photo

### Single Phase Water Blasting STC E -180 -9 JET

Technical Specifications	
Model	STC E-180-9 JET
Max. operating pressure	180 bar
Voltage	230 V
Frequency	50 Hz
Max. water flow rate	9 lpm
Motor output power	3 kW/ 4 HP
Plunger material	Ceramic
Pump head material	Hardened brass
Motor speed	2.800rpm
Crankshaft speed	2.800 rpm



Indicative model photo

### Waterjetting System STC E-250-18 JET

Technical Specifications	
Model	STC E- 250-18 JET
Max. operating pressure	250 bar
Voltage/ Frequency	380-400 V
Max. water flow rate	15 lpm
Voltage/ Frequency	440 V
Max. water flow rate	18 lpm
Motor output power	7.5KW/10 HP
Plunger material	Ceramic
Pump head material	Hardened brass
Motor speed	1450 rpm
Crankshaft speed	1450 rpm
Weight	94 kg
Dimensions	86x66x73 cm



Indicative model photo

### Waterjetting System STC E-350-20 JET

Technical Specifications	
Model	STC E-350-20 JET
Max. operating pressure	350 bar
Voltage/ Frequency	380-400 V
Max. water flow rate	17 lpm
Voltage/ Frequency	440 V
Max. water flow rate	20 lpm
Motor output power	11 kW/15 HP
Plunger material	Ceramic
Pump head material	Hardened brass
Motor speed	1450 rpm
Crankshaft speed	1450 rpm
Weight	150 kg
Dimensions	100x75x83 cm



Indicative model photo

## Waterjetting System STC E-500-18HP JET

Technical Specifications	
Model	STC E -500 -18 HP JET
Max. operating pressure	500 bar
Voltage/ Frequency	380-400 V/50 Hz
Max. water flow rate	15 lpm
Voltage/ Frequency	440 V/60 Hz
Max. water flow rate	18 lpm
Motor output power	15 kW/20 HP
Plunger material	Ceramic
Pump head material	Hardened brass
Motor speed	1450 rpm
Crankshaft speed	1450 rpm
Weight	150 kg
Dimensions	100x75x83 cm



Indicative model photo

## Waterjetting System STC E-1000-18 UHP JET

Technical Specifications	
Model	STC E-1000-18 UHPJE
Max. operating pressure	1000 bar
Voltage/ Frequency	380-400V/50 Hz
Max. water flow rate	15 lpm
Voltage/ Frequency	440V/60 Hz
Max. water flow rate	18 lpm
Motor output power	30 kW/40 HP
Plunger material	Solid ceramic
Pump head material	Stainless steel
Motor speed	1450 rpm
Crankshaft speed	1450 rpm
Weight	335kg
Dimensions	115x80x90 cm



Indicative model photo





SHIPS TOTAL CARE

# Waterjetting machines

## CONTACT INFO

### • GREEK BRANCH OFFICE

8, Tompazi str., 185 37  
Piraeus, Greece

(24/7) +30 6944201067

(24/7) +30 2104539437

(24/7) +30 2102201965

### • CYPRUS OFFICE

Apollonos 19, 4105  
Agios Athanasios,  
Limassol, Cyprus

(24/7) +30 6944201067

### • CHIOS OFFICE

Polytechneiu 31,  
Chios Island, Greece

(24/7) 2271083573

[www.stcmanagers.com](http://www.stcmanagers.com)

[info@stcmanagers.com](mailto:info@stcmanagers.com)

## SERVICES

- TANK CLEANING
- MAINTENANCE
- HYDROBLASTING / SANDBLASTING
- MAIN ENGINE & AUX. ENGINE OVERHAULING
- AUTOMATION
- STEEL REPAIRS

## Our clients trust us

