

TSUNAMI JET

- *Where TSUNAMI JET comes from*

It derives from the long experience of *PTC Italiana*, leader company in Waterjetting (high and very high pressure).

PTC is the only Italian manufacturer that produces units equipped with plunger pumps beyond 3000 bar and 700 kW (inlet power) thanks to its experience and components availability.

- *What TSUNAMI JET is*

It is designed to satisfy every kind of requirement in the field of hydrodynamic maintenance especially when high performances are necessary, for professional application whit low costs.

- *Why to use TSUNAMI JET*

This new product replaces traditional tools with the power of waterjetting in ships, industrial and building maintenance (concrete rehabilitation, etc.) and it allows to improve quality without time losses.

- *Why to have TSUNAMI JET in your shipyard*

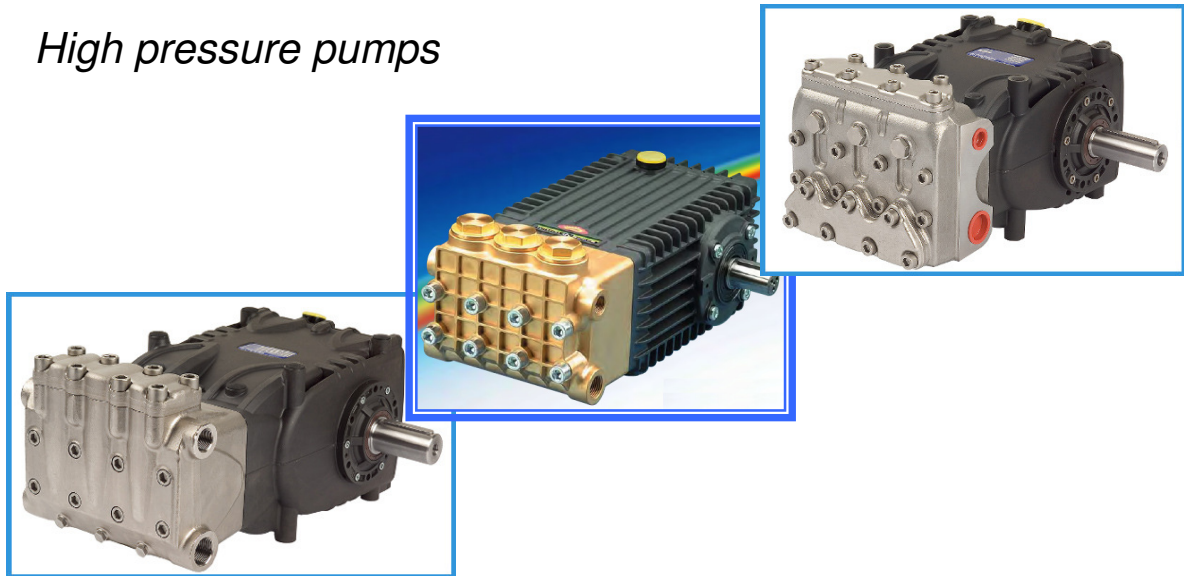
It replaces the common hydrodynamic units that can not work in a professional way because of lack of power and unreliability due to the low quality of components.

- *Why TSUNAMI JET is not expensive*

It is very reliable thanks to the material high quality, to the anticorrosive treatments and to the pump type. When a special maintenance is necessary, the simple structure and the technical solutions allows to restore the original performances saving money.

The components

High pressure pumps



The pumps of *TSUNAMI JET* models have been long tested so their quality is guarantee of utilization and durability.

The triplex pumps with splash type lubrication are equipped with anticorrosive pumpheads and ceramic plungers.

Regulating and safety systems

Every *TSUNAMI JET* units are provided with unloaders, able to regulate the working pressure discharging the exceeding flow in by-pass. In this way the pressure is limited to the value that has been previously set up.

In the respect of EC Norms, they are equipped with safety valves to avoid unexpected pressure overcharges.

Drives

Electric version (400V – 50Hz)

First quality asynchronous, 3-phase motor, 4 poles, air-cooled, B3 form, F/B class insulation, IP 55 protection.

Diesel version

HATZ engine, air-cooled and soundproof, modular project for 2 and 3 cylinders in-line versions.

This range of engines, appreciated for reliability and durability, performs low fuel and lubricant consumption and it represents the ideal solution and best guarantee for the *TSUNAMI JET* line.

TSUNAMI-JET

The available hydrodynamic units are:

-TSUNAMI JET 300-E

Max pressure: 300 bar
Max flow: 30 l/min
Power: 18,5 kW
3-phase voltage: 400V – 50Hz
Nominal current: 33.6 A



-TSUNAMI JET 450-E

Max pressure: 450 bar
Max flow: 18 l/min
Power: 15 kW
3-phase voltage: 400 V – 50Hz
Nominal current: 28 A

-TSUNAMI JET 500-E

Max pressure: 500 bar
Max flow: 15 l/min
Power: 15 kW
3-phase voltage: 400V – 50Hz
Nominal current: 28 A



All models are comprehensive of:

- Hose Superslim 3/8" size, 20m long, with quick couplings (inox);
- HP dry-shut gun with lance, handle and flat jet nozzle;
- 63 A EC Plug



Dimensions [mm]: 1450 x 880 x 950 H
Weight [Kg]: 330 (T.J. 300-E) – 280 (T.J. 500-E)

The available hydrodynamic units are:

- TSUNAMI JET 300-D

Max pressure: 300 bar
Max flow: 30 l/min
Motor diesel 2 cyl. Soundproof: 28hp@2000rpm



- TSUNAMI JET 450-D

Max pressure: 450 bar
Max flow: 18 l/min
Motor diesel 2 cyl. Soundproof: 28hp@2000rpm



- TSUNAMI JET 500-D

Max pressure: 500 bar
Max flow: 15 l/min
Motor diesel 2 cyl. Soundproof: 28hp@2000rpm



- TSUNAMI JET 500XL - D**

Max pressure: 500 bar
Max flow: 38 l/min
Motor Diesel 3 cyl. Soundproof: 53hp@2300rpm

**** (available from end 2009)**

All models are comprehensive of:

- Hose Superslim 3/8" size, 20m long, with quick couplings (inox);
- HP dry-sut gun with lance handle and flat jet nozzle.

Dimensions [mm]: 1700 x 1050 x 1150 H
Weight [Kg]: 600 (T.J. 300-D)

