

NEW SERIES

# PTC 1 D

Hydrodynamic Units with 37 kW diesel engine



**COLD WATER**



**HOT WATER**



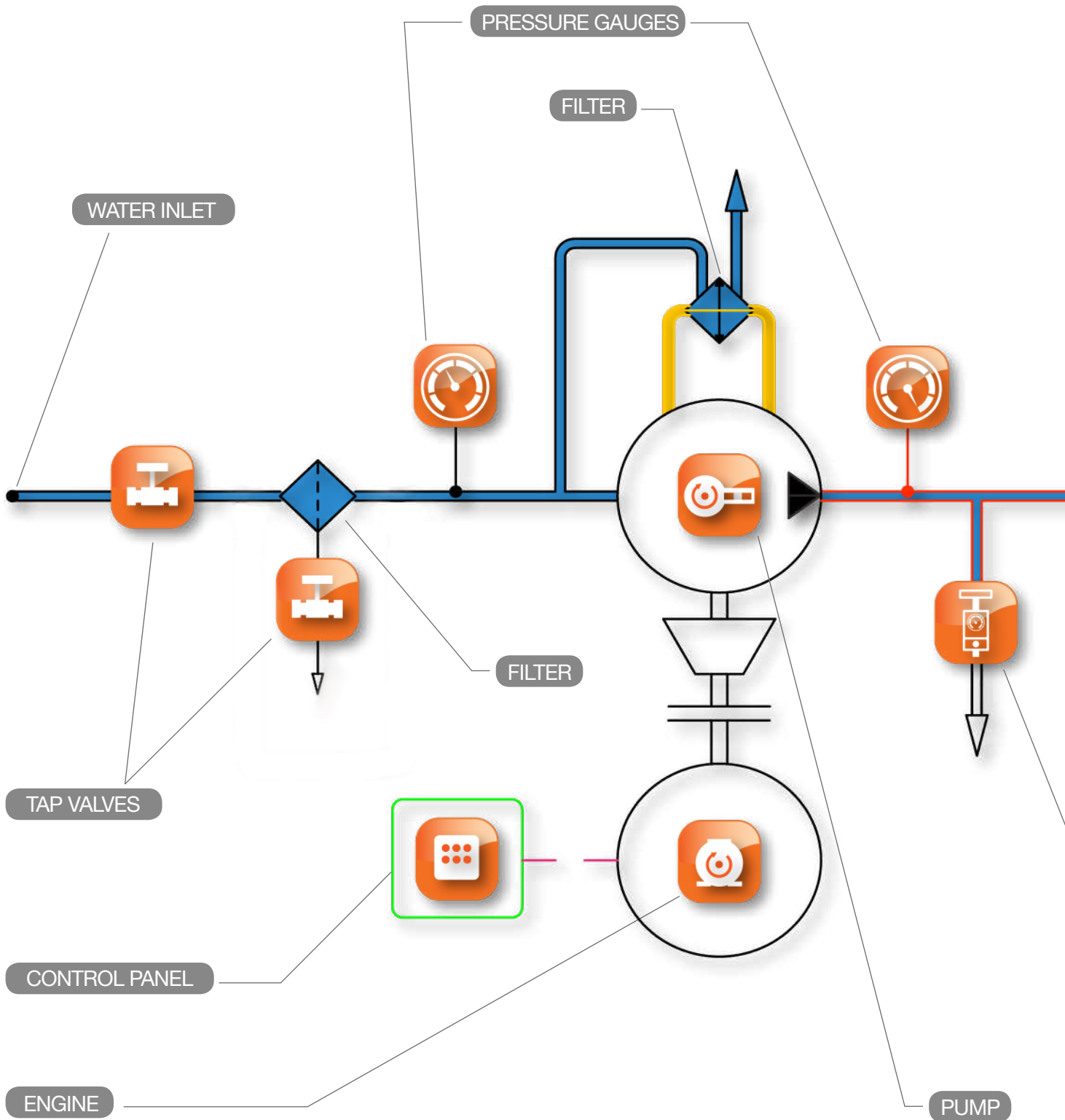
**TRAILER  
(COLD AND  
HOT WATER)**



**PTC**  
Water Jetting Equipment

# STANDARD UNIT

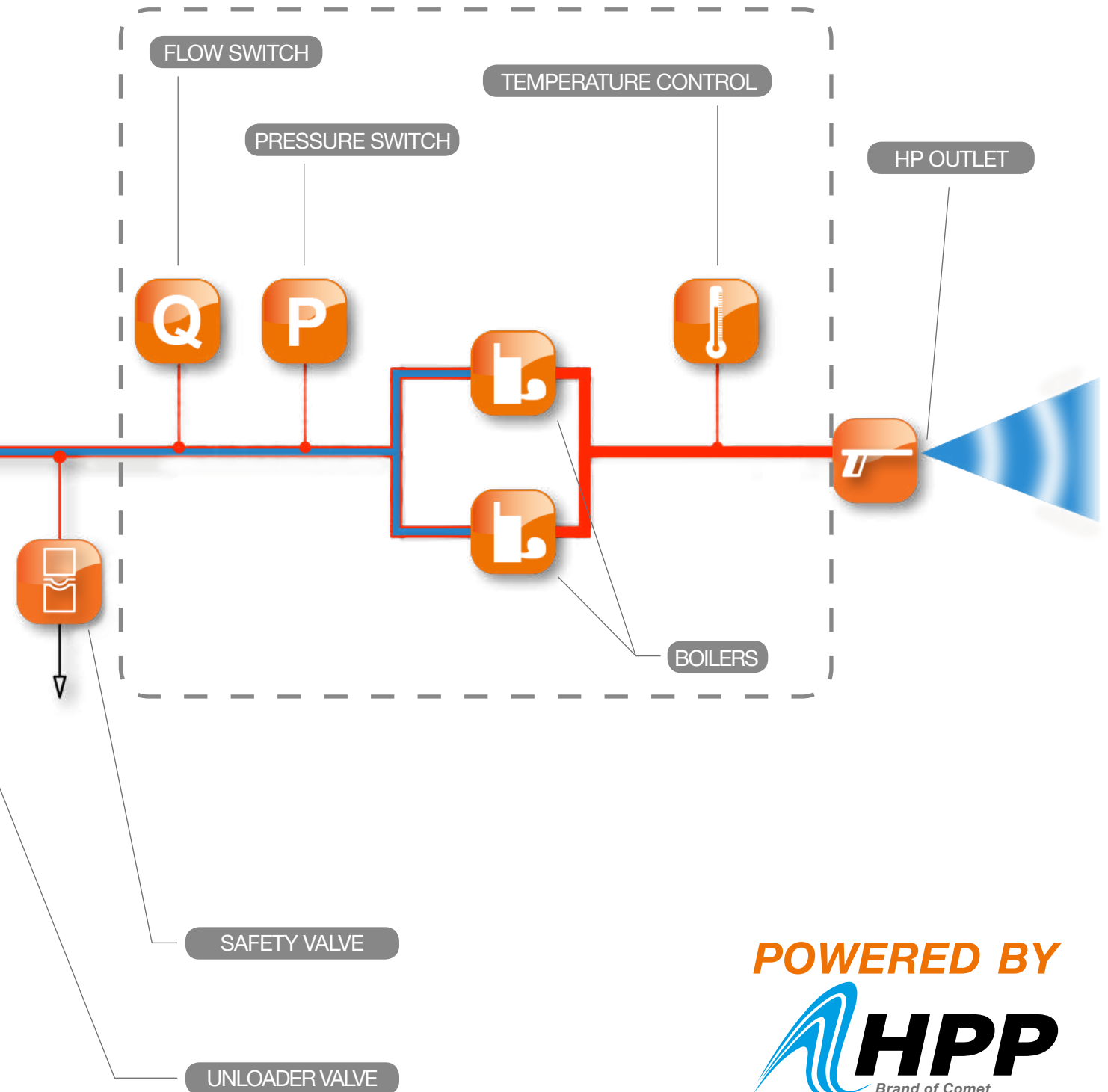
CUSTOMIZED CONFIGURATION



# CONFIGURATION

CONFIGURATIONS ON REQUEST

HOT WATER UNITS ONLY



POWERED BY



## GENERAL FEATURES (PTC 1 D & PTC 1 D HOT)

- HPP EF - EFH - EFV - EV high pressure pumps
- Hatz soundproofed 3-cylinder engine
- Gearbox with elastic coupling
- Industrial low-voltage (12V) power and control panel
- Sturdy painted steel frame with anti-corrosion treatment and 4x anti-vibration feet
- Safety switch with thermal magnetic relay for motor protection
- Main switch, start/stop buttons, emergency stop
- Hour counter
- Direct water suction
- Manual throttle control

## GENERAL FEATURES (PTC 1 D TRAILER)

- HPP ELH - EV high pressure pumps (Comet TWS500 for 30/500 hot water version)
- Water cooled Kohler diesel engines with electric starter
- Single axle steel trailer with high quality parking brake and stabilizing jacks
- Towing eye for a 50 mm diam. sphere type
- Fiberglass cover
- Manual throttle control (automatic throttle control for 30/500 hot water version)
- Pressure gauge, manual pressure regulator, safety valve with burst disk
- Manual high pressure hose reel (max 100 mt. 1/2" hose\*) except 21/800 and 15/1000 versions
- Manual supply hose reel with 50 mt 3/4" hose

## HEATING SYSTEM (ONLY FOR HOT WATER UNITS)

- Double vertical boiler 2x 80 kW with external body made in Stainless Steel
- Anti-scale device with pump and tank
- Electronic temperature setting system with constant water temperature
- Flow switch controlled burner
- Steam or hot water operation





## OPTIONAL

- 4x castor wheels with brake (not for Trailer Version)
- Water tank + booster pump
- Total protective and soundproofed paneling (not for Trailer Version)
- Emergency stop cable + reel
- TotalStop
- Multi-operator configurations

\*hose not included.





## PTC 1 D



 Model	 Engine power		 Pressure bar (psi)		 Flow rate l/min (USgpm)	
	kW	HP	Min	Max	Min	Max
<b>PTC 1 D</b>	37	51	280 (4060)	1500 (21755)	12 (3,2)	70 (18,4)





## PTC 1 D HOT



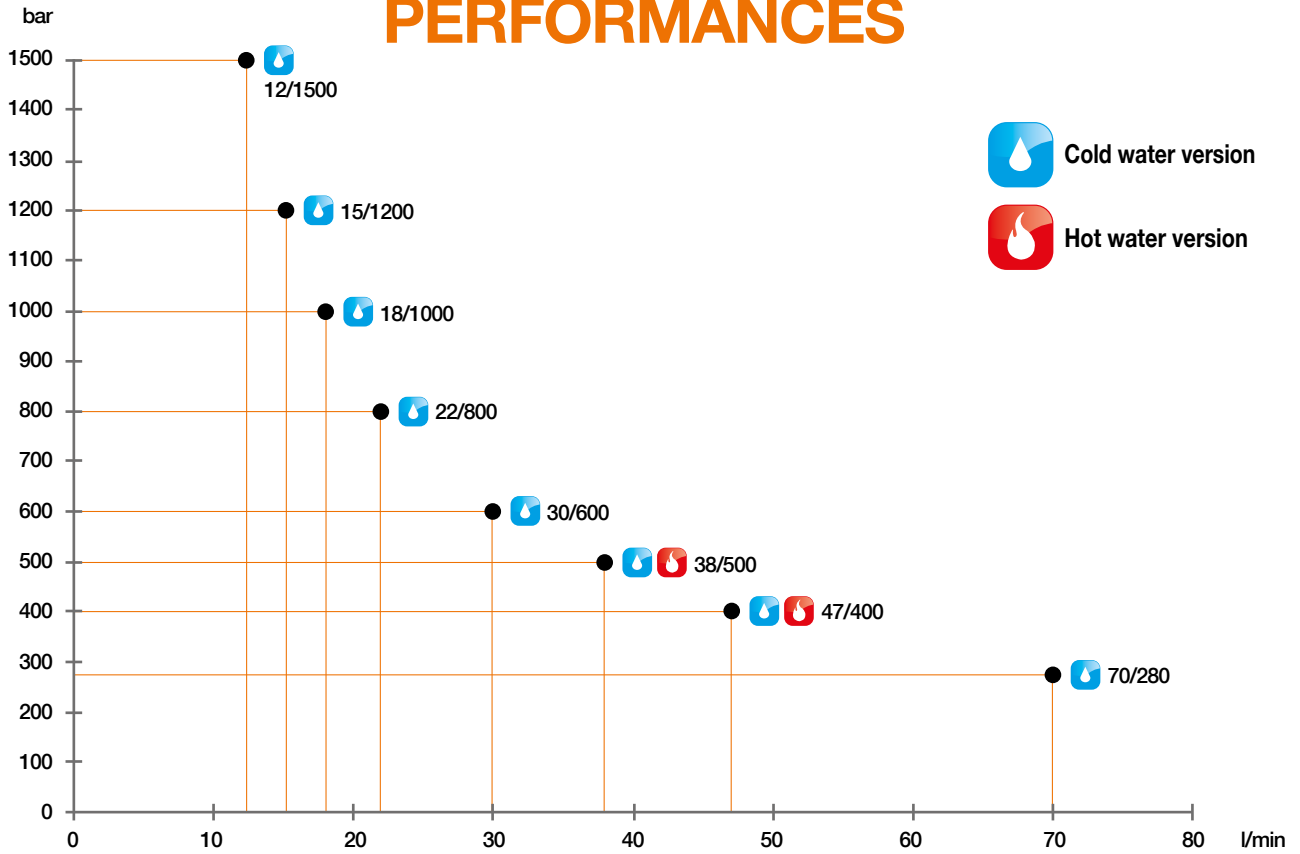
 Model	 Engine power		 Pressure bar (psi)		 Flow rate l/min (USgpm)	
	kW	HP	Min	Max	Min	Max
<b>PTC 1 D - HOT</b>	37	51	400 (5800)	500 (7250)	38 (10,0)	47 (12,4)

## PTC 1 D TRAILER



 Model	 Engine power		 Pressure bar (psi)		 Flow rate l/min (USgpm)	
	kW	HP	Min	Max	Min	Max
<b>PTC 1 D TRAILER</b>	37	51	500 (7250)	1000 (14500)	15 (3,9)	35 (9,2)

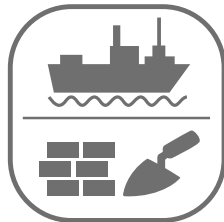
# PERFORMANCES



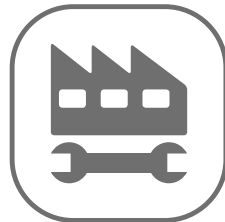
# APPLICATIONS



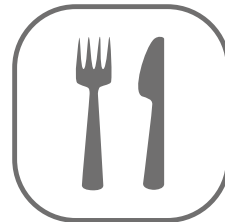
High-pressure cleaning companies



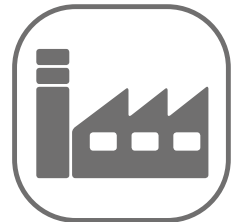
Building sites and boatyards



Iron and steel works and mechanical engineering firms













Food-industry companies



Oil, chemical and energy companies



## ACCESSORIES ON REQUEST

	<p>Dry Shut Guns</p>		<p>Dump Shut Guns</p>
	<p>Dry Shut Foot Valves</p>		<p>Dump Type Foot Valves</p>
	<p>Fan shape and round jet nozzles</p>		<p>Rotating nozzles</p>
	<p>Sandblasting nozzles</p>		<p>High pressure hoses</p>
	<p>Hose reels</p>		<p>Protective Clothing for Waterjetting (TST)</p>

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



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