

# SAFE AND EASY

FOR AN ENVIRONMENTALLY-FRIENDLY CLEAN



**IPC**

BY TENNANT COMPANY



# PW-H31



Compact size



Single and Three-Phase



Pressure up to 180 bar

# PW-H61



Three-Phase



Pressure up to 200 bar



Water volume up to 1.190 l/h

# PW-H101



Pressure up to 250 bar



Water volume up to 1.300 l/h



Diesel and Electric boiler versions available

NEW MODELS WITH EVEN MORE HIGH-PERFORMING FEATURES HAVE BEEN INCLUDED IN THE NEW RANGE.





# BUILT-IN OPERATOR SAFETY

New Hot Water Pressure Washers from IPC put safety first in their design. The innovative and technological devices studied for this revolutionary range are aimed at guaranteeing full protection to the operator.

## OPTIMIZED CLEANING OPERATION IN TOTAL SAFETY



- **PQEC** Premium Quality Electrical Components
- **AMSC** Advanced Multifunction Safety Control
- **IASF** Intelligent Automatic Shut-Off
- **MLC** Micro Leakage Control
- **DRP** Dry Running Protection
- **NCC** H.P. Nozzle Clog Control
- **FCS** Infrared Flame Control System (PW-H101 PLUS)
- **MCL** Maintenance Check LED



# OPTIMIZED OPERATING COSTS

IPC has applied a number of exclusive technologies to the new machines to optimize costs (saving diesel, chemical and energy) while maintaining high standards of washing.

## EXCELLENT RESULTS WHILE SAVING MONEY



DIAD  
DIRECT INJECTION  
DETERGENT

**DIAD: The direct injection detergent and the anti-scale controls** guarantee the desired and precise detergent rate/mixing, by reducing detergent expense, mechanical vibrations and noise related to the traditional supply systems. These devices increase operator productivity and extend the pump life.

# + Productivity



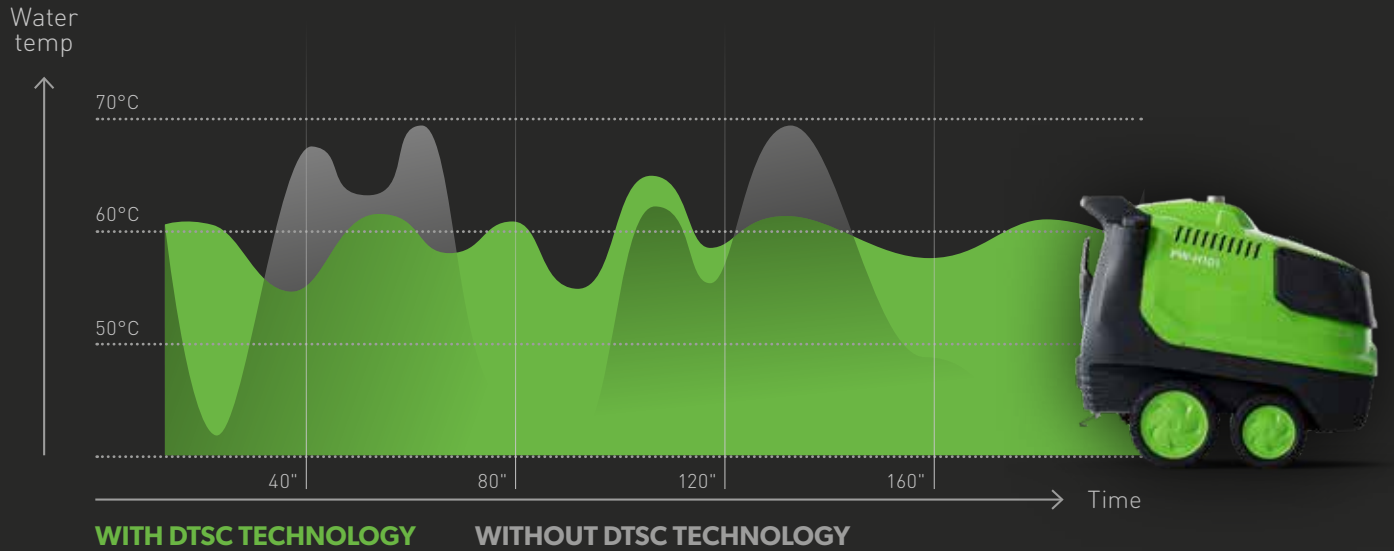
Only PW-H61 and PW-H101 models.



**DTSC**  
DIGITAL TEMPERATURE  
STABILIZER CONTROL

**DTSC (Digital temperature stabilizer control)**

IPC Hot Water Pressure Washers are equipped with a high precise temperature control of the outlet water. The system stabilizes the pre-set temperature; and prevents high thermal variations, usually generating higher fuel consumptions.



Only plus model.



**ECO  
SYSTEM**

This function automatically sets the water temperature at 60°C thus reducing diesel consumption and emissions up to 25% and increasing run time. This temperature maximizes the cleaning effect of detergents.



> 25%

REDUCING DIESEL  
CONSUMPTION  
AND EMISSIONS



# CIRCULAR DESIGN & OPERATION

IPC shows a great commitment to the environment by using recycled plastics, up to 90% recyclable components, robust and durable materials and devices studied to reduce the consumption of diesel, energy and detergent.

## SUSTAINABLE CLEANING FOR OUR HEALTH AND WELLBEING IN RESPECT OF THE PLANET



**Direct injection controls** for excessive detergent application.



**Recycled Plastic:** We have introduced components and parts made with recycled plastic.



**Recyclable:** up to 90% of components are recyclable.



**Easy access and high serviceability:** Engineered to be highly serviceable, increasing longevity/lifespan of the product. Maintenance and wear parts are designed for ease of access and serviceability, giving owners the ability to maximize their return on investment.



**New long lifespan component and materials** to preserve and safeguard raw materials.



**FPS (Flooding Prevention System)**  
Which shuts off the unit in case of hydraulic damages to avoid flooding, mechanical damages and energy/water waste.





# EASE OF USE, AND OPERATOR CONTROL

IPC machines are designed to be user-friendly. With warning lights, displays and control devices, the user always has everything under control and has the possibility to select the right solution compatible with the cleaning activities to be performed.

## INTUITIVE INTERACTION BETWEEN USER AND MACHINE FOR FRIENDLY DAILY WORK

**Digital display (Plus versions)** informs the operator on alerts and fault codes, saving time troubleshooting and getting operators back to work.

**Digital display (Plus versions)** confirms machine readiness prior to operation so employees know they are cleaning as intended.



PLUS VERSION



VALUE VERSION

### Warning Signal Lamps

Value versions are equipped with signal lamps to keep everything under control.



# AUTOMATIC HOT WATER PRESSURE WASHER

(IPC Exclusive – Patent Pending)

## AUTOMATIC Version

The three phase AUTOMATIC version allows operators to automatically set the machine for all cleaning, degreasing and sanitizing tasks.

## HTM (High Temperature Master)

Sanitizes and degreases at a stable temperature of 100°C, at the maximum pressure. Flow and Pressure are automatically adjusted to allow a constant water temperature of 100°C.



.01

**MOTOR/PUMP UNIT**

Pump, by-pass valve and motor are easy to reach and disassemble for fast maintenance and /or repair operations.



.02

**NEW COVER DESIGN**

with a front lift door improves jobsite access to service and maintenance points without the need for tools, and saving labour time.



.03

**HOLDING STRUCTURE**

The metal holding structure is covered by plastic components that are easily replaceable.

.04

**BOILER**

The boiler is simple to open from the top for easy cleaning and fast maintenance operations of the coil.





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