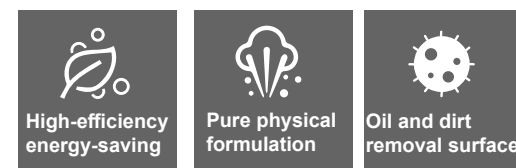




# Hot cleaning, Making cleaning simple, Efficient, And environmentally friendly!



Hubei Lynx Intelligent Technology Co., Ltd.

Environmental cleaning comprehensive solution provider



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# Why Choose Water Cleaning Industry

## Good Prospects

Water cleaning is recognized as one of the most scientific, economical, and environmentally friendly cleaning methods worldwide. It is an important, healthy, and sustainable development trend in the global cleaning industry. The zero-emission cleaning concept represents our strong commitment to environmental friendliness, ecology, and health.

## Huge Market Demand

As the main cleaning method for domestic cleaning, high-pressure water cleaning is replacing traditional chemical cleaning methods. Currently, only 10% market share can meet nearly 90% of the market demand. Water-saving, cleaning, high-efficiency, convenience, safety, and environmental protection combined into one emerging cleaning method, it is a revolution in the global cleaning industry. In the future, the pure water cleaning market is inevitable!

## Wide Applications

In the cleaning industry, high-temperature hot water cleaning enhances the activity of pollutant molecules during the cleaning and high-temperature cleaning processes. It optimizes cleaning effects, improves cleaning efficiency, and is the preferred choice for commercial cleaning in various industries such as machinery manufacturing, food processing, crude oil extraction, engineering equipment, transportation, etc., fully meeting the cleaning needs of all industries.



# COMPANY PROFILE

**Hubei Falcon Intelligent Technology Co., Ltd.** is committed to solving various cleaning and environmental protection challenges, providing efficient and sustainable environmental cleaning solutions for clients across different industries.

**Falcon's main products include:** large industrial drones, industrial high-pressure cleaning series, industrial steam cleaning series, industrial high-pressure water jet series, industrial steam vacuum cleaning series, and residential steam vacuum cleaning series, etc. As a provider of integrated environmental cleaning solutions, the company is dedicated to offering efficient, energy-saving, and sustainable environmental cleaning solutions to various industries. It boasts comprehensive solutions in sectors such as industrial online cleaning, food production line sanitization, mining heavy oil physical cleaning, rail transit integrated cleaning, photovoltaic power station smart cleaning, etc. Focused on solving deep surface cleaning issues using physical methods and continuously improving environmental quality, the company promotes industry-standard, professional, and sustainable growth, creating an efficient, environmentally friendly, energy-saving, and harmonious industry ecosystem.

Falcon is fully self-developed and integrates mold production, rotational molding, injection molding, wiring harness production, machining, component manufacturing, and complete machine production. With the help of scientific digital ERP, CRM, and other management systems, the company realizes modern digital empowerment for its factories. The company has a senior R&D design team and professional design philosophy, adopting modern standard assembly line processes that improve production efficiency, standardize product quality, and ensure strong traceability in the production process. It has a perfect product quality management system with strict processes such as IQC, IPQC, FQC, OQC, and complete product quality control management throughout the production cycle. With modern production equipment, the company rigorously implements quality assurance systems and after-sales service systems. **Guided by the operational philosophy of "Changing the World, Changing the View," it uses the power of its brand to integrate natural resources, contributing to ecological harmony.**

# COMPANY STRENGTH

Falcon has a fully independent R&D design team. The company integrates mold production, rotational molding, injection molding, wiring harness production, machining, component manufacturing, and complete machine production in one facility. It is capable of meeting the customized cleaning solution requirements for specialized industrial and commercial sectors.

**2500**m<sup>2</sup> — **80**sets — **12**sets — **26**sets  
 Factory Area      Injection Molding Molds      Rotational Molding Molds      Stamping Molds



# WHY CHOOSE FALCON



## 1.行业领跑技术

Falcon, as a manufacturer specializing in the R&D and production of hot cleaning equipment, leads the industry by adopting variable frequency control technology and intelligent human-machine interaction. This truly achieves human-machine interaction with full-touch operation, integrated with a smart system. The system enables intelligent management of equipment operation status and provides maintenance reminders when the equipment is due for servicing. This ensures the equipment operates in a way that aligns with the cognitive patterns of the human brain, guaranteeing stable and continuous operation. At the same time, it responds to national carbon neutrality goals, completing cleaning tasks in a more energy-efficient and effective manner.



## Modern Production Line

Revolutionizing the traditional assembly line model, the company strictly adheres to automotive-grade production standards and industrial-grade product quality. The fully automated production process is standardized, significantly improving production efficiency while ensuring consistent product quality.



## Strict Control of Product Quality Stability

Key components and complete machines are laser marked, with the entire operation process being data-recorded and traceable. The company strictly adheres to product quality control management systems, including IQC (Incoming Quality Control), IPQC (In-Process Quality Control), FQC (Final Quality Control), and OQC (Outgoing Quality Control).



## Complete Product System

As a leading brand in the development and manufacturing of intelligent cleaning equipment, Falcon offers a full range of more than 40 models, including high-pressure saturated steam equipment and hot water high-pressure equipment. The company integrates product R&D, mold production, rotational molding, wiring harness production, machining, component manufacturing, and complete machine production. It provides comprehensive service for the entire range of hot water high-pressure and high-temperature steam products.



## High Recognition from End Users

Falcon is a trusted choice for renowned companies such as Shanghai NIO, Sichuan Geely, Sinopec, Lantu International, Shanghai Light Rail, Aima, Wuhan Railway, and others.



## Exceptional Service Team

A professional sales and marketing team offering one-on-one concierge-style sales support, empowered by an intelligent online business management system. The company has its own after-sales service team, providing nationwide warranty services, national delivery, and global service coverage.



# We are committed to customer

As a professional provider of integrated environmental cleaning solutions, Falcon adheres to the business philosophy of "Customer First," placing the customer at the core of the brand's development.



# Application scenarios



Commercial Kitchens



Construction Machinery



Municipal Sanitation Cleaning



Petrochemical Cleaning



Aviation and Ship Cleaning



Livestock Farming Cleaning

The products are widely used in various industrial and commercial sectors, including: automotive, chemicals, machinery, power generation, livestock, food processing, railways, casting, construction, municipal sanitation, healthcare and public health, hospitality, and more.



# Steam Vacuum Cleaning Series

Steam is a natural cleaner that meets the demand for high-quality, purely physical cleaning. Falcon's steam injection and extraction series products, paired with

industrial-grade injection-molded cleaning accessories, provide the ultimate solution for health-focused detail handling that traditional indoor spaces cannot achieve.

## SPRAY

Continuous Steam

At a jet pressure of 5 bar, the atomized high-temperature steam penetrates deep into the fabric layers and micro-pores of the surface, effectively extracting stains.

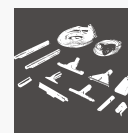
## EXTRACTION

Powerful Dirt Extraction

With a strong suction power of 22 kPa and an airflow of 30 L/s, the extracted dirt is efficiently recovered into the wastewater tank.

# CSV 25/5

## Steam Vacuum Cleaning Machine



### Flexible Accessory Selection with Family of Attachments

The machine comes with a complete set of interior solution cleaning accessories, integrally molded with injection-molded components. One device can be paired with different functional cleaning heads to perform deep and precise cleaning in indoor three-dimensional spaces.



### Three Flexible Operating Modes

The machine is equipped with three operating modes: steam injection and extraction system, pure steam system, and wet-dry vacuuming system. The mode can be easily switched via the handle, allowing for convenient one-touch transition between different cleaning needs in the same environment.

## Product Description

### Intelligent Sensor Control

Industrial-grade embedded MCU (Microcontroller Unit) control core with contactless SRC (Solid-State Relay) power control. Dual temperature sensors and dual pressure sensor design, real-time voltage and current monitoring, redundant multi-sensor design, and multi-sensor data fusion control.

### Multiple Safety Controls

Directly introduced intelligent PID temperature control system to ensure the stability and continuous supply of steam. Variable frequency water flow control allows for flexible adjustment of steam quantity and steam dryness/wetness.

### Convenient Human-Machine Interaction

5-inch touch screen for human-machine interaction with full-touch operation, allowing real-time monitoring of the equipment's operational status. The system provides intelligent monitoring of the equipment's condition, offering timely maintenance reminders to extend the equipment's service life.

### Efficient Water-Electricity Separation

The heating system utilizes high thermal conductivity heating rods, 304 stainless steel heating coils, and die-cast aluminum fixed insulation sleeves. It adopts conduction heating, with separate circuits for electricity and water, ensuring true water-electricity separation technology. The system produces stable steam within 30 seconds, is resistant to scale buildup, and improves equipment safety.

### Conduction Heating

Separate circuits for electricity and water, ensuring true water-electricity separation technology. The system provides stable steam production within 30 seconds, is resistant to scale buildup, and enhances equipment safety.

### Infinitely Variable Frequency Control

Utilizing infinitely variable frequency control technology, the system enables intelligent speed and pressure adjustment, as well as over-temperature and over-current protection. It includes energy-saving protections such as gun stop shutdown and adjustable heating power.

## Technical Specification

Model	Part Number	Rated Voltage	Negative Pressure	Steam Temperature	Power	Water Consumption
CSV 25/5	ZJ01-01	220V/50Hz	2200mmH:O	120-160°C	3KW	5-12L/H
Maximum Steam Pressure		Clean/Dirty Water Tank Capacity		Weight	Dimensions (LxWxH)	
5Bar		25L / 50L		45kg	75x45x95cm	

# CSV-3C

## Steam Injection and Extraction Cleaning Machine



### Flexible Accessory Selection with Family of Attachments

The machine comes with a complete set of interior solution cleaning accessories, integrally molded with injection-molded components. One device can be paired with different functional cleaning heads to perform deep and precise cleaning in indoor three-dimensional spaces.



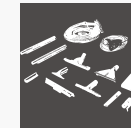
### Three Flexible Operating Modes

The machine is equipped with three operating modes: steam injection and extraction system, pure steam system, and wet-dry vacuuming system. The mode can be easily switched via the handle, allowing for convenient one-touch transition between different cleaning needs in the same environment.



# STV 6/5

## Steam Injection and Extraction Car Cleaning Machine



### Flexible Accessory Selection with Family of Attachments

The machine comes with a complete set of interior solution cleaning accessories, integrally molded with injection-molded components. One device can be paired with different functional cleaning heads to perform deep and precise cleaning in indoor three-dimensional spaces.



### Dual-System Design – Flexible Switching

The device is compatible with multiple cleaning systems, including pure steam mode, steam injection and extraction mode, and wet-dry vacuuming mode, all of which can be easily switched. It meets the cleaning needs for various scenarios, such as deep exterior car cleaning, engine bay cleaning, detailed interior cleaning, and store deep cleaning.



## Product Description

### Efficient Water-Electricity Separation

The heating system utilizes high thermal conductivity heating rods, 304 stainless steel heating coils, and die-cast aluminum fixed insulation sleeves. The system adopts conduction heating, with separate circuits for electricity and water, ensuring true water-electricity separation technology. The heating performance is stable, resistant to scale buildup, and ensures high equipment safety.

### Multiple Safety Controls

Directly introduced intelligent PID temperature control system to ensure the stability and continuous supply of steam. Variable frequency water flow control allows for flexible adjustment of steam quantity and steam dryness/wetness.

### Intelligent Control – Easy Operation

Industry-leading function selection switches and ergonomically designed handles. Simple commands require no training, enabling fast and flexible human-machine interaction.

### Synchronous Injection and Extraction – Immediate Cleaning and Drying

After steam completes the stain extraction, the powerful suction with 17 kPa and an airflow of 30 L/s efficiently recovers the dirt into the wastewater tank. The cleaning and drying process is completed quickly, preventing moisture from penetrating the inner layers of the fabric. It removes odors while effectively preventing mold growth on the fabric. The equipment is ready for use within 30 minutes, with clean results that require no waiting.

### Child Safety Lock

Designed to lock and maintain the current operating state while preventing accidental activation by children. Provides safer steam operation, ensuring physical dirt removal with no residue left behind.

## Product Description

### Intelligent Sensor Control

Industrial-grade embedded MCU (Microcontroller Unit) control core with contactless SRC (Solid-State Relay) power control. Dual temperature sensors and dual pressure sensor design, real-time voltage and current monitoring, redundant multi-sensor design, and multi-sensor data fusion control.

### Conduction Heating

Separate circuits for electricity and water, ensuring true water-electricity separation technology. The system provides stable steam production within 30 seconds, is resistant to scale buildup, and enhances equipment safety.

### Convenient Human-Machine Interaction

5-inch touch screen for human-machine interaction with full-touch operation, allowing real-time monitoring of the equipment's operational status. The system provides intelligent monitoring of the equipment's condition, offering timely maintenance reminders to extend the equipment's service life.

### PE Engineering Plastic Rotational Molding Integrated Forming

Featuring a compact, modern, and ergonomic industrial design, the product excels in both aesthetic appeal and commercial practicality. It offers flexible maneuverability, and the overall machine is designed for a service life of over 10 years.

### Multiple Safety Controls

Directly introduced intelligent PID temperature control system to ensure the stability and continuous supply of steam. Variable frequency water flow control allows for flexible adjustment of steam quantity and steam dryness/wetness.

### Infinitely Variable Frequency Control

Utilizing infinitely variable frequency control technology, the system enables intelligent speed and pressure adjustment, as well as over-temperature and over-current protection. It includes energy-saving protections such as gun stop shutdown and adjustable heating power.

## Technical Specification

Model	Part Number	Rated Voltage	Negative Pressure	Steam Temperature	Power	Water Consumption
CSV-3C	ZJ01-02	220V/50Hz	1700mmH <sub>2</sub> O	120-160°C	3KW	5-12L/H
Maximum Steam Pressure	Clean/Dirty Water Tank Capacity	Weight	Dimensions (LxWxH)			
5Bar	35L / 20L	15kg	75x35x55cm			

## Technical Specification

Model	Part Number	Rated Voltage	Steam Temperature	Clean/Dirty Water Tank Capacity	Weight	Dimensions (LxWxH)
STV 6/5	ZJ02-01	220V/50Hz	120-160°C	25L/50L	45kg	75x45x95cm
Steam Injection and Extraction System				Pure Steam System		
Water Consumption	Power	Negative Pressure	Maximum Steam Pressure	Water Consumption	Power	Maximum Steam Pressure
5-12L/H	3KW	2200mmH <sub>2</sub> O	5Bar	10-40L/H	8.8KW	10Bar



# Steam Cleaning Machine Series

Steam is a natural cleaner that meets the demand for high-quality, purely physical cleaning. Saturated steam cleaning thoroughly eliminates the drawbacks of traditional cleaning methods. It is a cleaning solution

that integrates water-saving, cleanliness, high efficiency, convenience, cost-effectiveness, safety, and environmental friendliness. This represents a revolution in the global cleaning industry.



30 Seconds Atomization  
Instant Steam Production



Wet and Dry Steam  
Adjustable as Needed



# STM-6

## Steam Cleaning Machine



### Large Capacity Water Tank – Longer Runtime

The machine is equipped with an integrated water tank with a capacity of up to 55L, providing greater flexibility for scenarios where the equipment needs to be moved during cleaning operations. The 55L large-capacity water tank ensures a runtime of over 2 hours.



### Water-Electricity Separation – Safe and Efficient

The heating system utilizes high thermal conductivity heating rods, 304 stainless steel heating coils, and die-cast aluminum fixed insulation sleeves. It employs conduction heating with separate circuits for electricity and water, ensuring true water-electricity separation technology. The system delivers stable steam production within 30 seconds, resists scale buildup, and enhances equipment safety.



## Product Description

### Intelligent Control – Easy Operation

Industry-leading function selection switches and ergonomically designed handles. Simple commands require no training, enabling fast and flexible human-machine interaction.

### Multiple Safety Controls

The system integrates an intelligent PID temperature control system to ensure stable and continuous steam supply. It features variable frequency water flow control, allowing for flexible adjustment of steam volume and steam dryness/wetness.

### Wet and Dry Steam – Adjustable as Needed

Under high temperature and pressure, saturated steam can automatically capture and dissolve tiny oil and dirt particles on the surface being cleaned, vaporizing and evaporating them. This process achieves the high cleanliness standards required for cleaning the workpiece surface.

### Saturated Dry Steam – Focused on Sterilization and Waterless Cleaning

High-temperature saturated dry steam meets the sterilization and deactivation cleaning requirements in fields such as food processing. The mist-like state of saturated dry steam also effectively achieves waterless cleaning on metal surfaces, ensuring no residue left behind.

## Technical Specification

Model	Part Number	Rated Voltage	Steam Temperature	Power	Water Consumption
STM-6	ZJ03-01	220V/50Hz	120-160°C	6KW	5-40L/H
Maximum Steam Pressure	Clean Water Tank Capacity	Weight	Dimensions (LxWxH)		
10Bar	55L	20kg	75x38x55cm		



# STM Series

## Industrial and Commercial Variable Frequency Steam Cleaning Machine



### Intelligent Sensor Control

Industrial-grade embedded MCU (Microcontroller Unit) control core with contactless SRC (Solid-State Relay) power control. Dual temperature sensors and dual pressure sensor design, real-time voltage and current monitoring, redundant multi-sensor design, and multi-sensor data fusion control.



### Water-Electricity Separation – Safe and Efficient

The heating system utilizes high thermal conductivity heating rods, 304 stainless steel heating coils, and die-cast aluminum fixed insulation sleeves. It employs conduction heating, with separate circuits for electricity and water, ensuring true water-electricity separation technology. The system delivers stable steam production within 30 seconds, resists scale buildup, and enhances equipment safety.



# STM Series

## Industrial-Grade Intelligent Variable Frequency Steam Cleaning Machine



### Multiple Safety Controls

The system integrates an intelligent PID temperature control system to ensure stable and continuous steam supply. It features variable frequency water flow control, allowing for flexible adjustment of steam volume and steam dryness/wetness.



### Water-Electricity Separation – Safe and Efficient

The heating system utilizes high thermal conductivity heating rods, 304 stainless steel heating coils, and die-cast aluminum fixed insulation sleeves. It employs conduction heating, with separate circuits for electricity and water, ensuring true water-electricity separation technology. The system delivers stable steam production within 30 seconds, resists scale buildup, and enhances equipment safety.



### Product Description

#### Wet Steam Cleaning

Under high temperature and pressure, saturated steam can automatically capture and dissolve tiny oil and dirt particles on the surface being cleaned, vaporizing and evaporating them. This process achieves the high cleanliness standards required for cleaning the workpiece surface.

#### Dry Steam – Sterilization and Deactivation

The unique steam generation system delivers saturated dry steam at nozzle temperatures of up to 180°C, effectively meeting the sterilization and deactivation requirements for 99.99% of common bacteria.

#### Convenient Human-Machine Interaction

The 5-inch touch screen provides a fully interactive user interface with full-touch operation, allowing real-time monitoring of the equipment's operational status. The system features intelligent monitoring of the equipment's condition, offering timely maintenance reminders to extend the service life of the machine.

#### Multiple Safety Controls

The system integrates an intelligent PID (Proportional-Integral-Derivative) temperature control system to ensure stable and continuous steam supply. It features variable frequency water flow control, allowing for flexible adjustment of steam volume and steam dryness/wetness.

#### Integrated Water Tank for Convenient Mobility

Unlike traditional steam equipment without a built-in water tank, the Falcon High-Temperature Steam Cleaning Machine features an integrated water tank, allowing for easy mobility during cleaning operations. This ensures a smoother and more efficient workflow.

### Product Description

#### Multiple Safety Controls

Industrial-grade embedded MCU (Microcontroller Unit) control core with contactless SRC (Solid-State Relay) power control. Dual temperature sensors and dual pressure sensor design, real-time voltage and current monitoring, redundant multi-sensor design, and multi-sensor data fusion control.

#### Adjustable Wet and Dry Steam – Easy Switching

The heating power is accurately rated, producing steam in as fast as 50 seconds, minimizing wait time while ensuring stable and continuous steam supply. With variable frequency control, the control panel allows for real-time visualization and precise adjustment of steam dryness and wetness.

#### Built-in Multi-Engineering Modes

The system features built-in descaling mode, pressure testing mode, and calibration mode, making maintenance and servicing more convenient. It enables one-touch intelligent descaling, automatic pressure testing and leakage detection, as well as component calibration functions for enhanced operational efficiency.

#### More Stable Variable Frequency Control Performance

The system is driven by a variable frequency drive (VFD), enabling soft start, intelligent speed and pressure regulation, and over-temperature and over-current protection. The VFD-driven variable frequency motor adjusts the pump motor speed, allowing for precise water flow regulation and achieving accurate steam dryness and wetness control. Additionally, a contactless solid-state relay (SSR) utilizes PWM (Pulse Width Modulation) technology, enabling continuously adjustable power output without mechanical contact.

#### Wireless Remote Control Technology

Enables remote start and stop functionality of the steam cleaning machine directly from the cleaning gun operation end, enhancing convenience during cleaning tasks. This feature reduces the pressurized heating time when the cleaning gun is idle, improving safety, lowering energy consumption, and minimizing scale buildup in the heating coils.

### Technical Specification

Model	Heating Power	Rated Voltage	Maximum Steam Pressure	Steam Temperature	Water Consumption	Water Tank Capacity
STM-16	16Kw	380V/50Hz	20Bar	120-160°C	30-60L/H	25L (Self-Priming / Quick-Connect Faucet)
STM-32	32Kw	380V/50Hz	20Bar	120-180°C	60-120L/H	25L (Self-Priming / Quick-Connect Faucet)
STM-48	48Kw	380V/50Hz	20Bar	120-180°C	80-160L/H	110L (Self-Priming / Quick-Connect Faucet)
STM-64	64Kw	380V/50Hz	20Bar	120-200°C	120-240L/H	110L (Self-Priming / Quick-Connect Faucet)

### Technical Specification

Model	Heating Power	Rated Voltage	Maximum Steam Pressure	Steam Temperature	Water Consumption	Water Tank Capacity
STM-36	36Kw	380V/50Hz	20Bar	120-180°C	70-160L/H	25L (Self-Priming / Quick-Connect Faucet)
STM-72	72Kw	380V/50Hz	20Bar	120-200°C	120-280L/H	110L (Self-Priming / Quick-Connect Faucet)
STM-96	96Kw	380V/50Hz	20Bar	120-200°C	160-360L/H	110L (Self-Priming / Quick-Connect Faucet)

# Commercial Hot Water High-Pressure Cleaning Machine Series

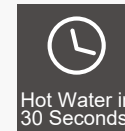
For the same cleaning effectiveness, hot water requires lower pressure than cold water, making it highly suitable for demanding cleaning tasks on sensitive

surfaces. It achieves comprehensive cleaning with significantly lower working pressure and reduced water consumption.



## MHP0817C

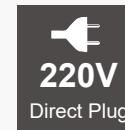
### Commercial Hot Water High-Pressure Cleaner



Hot Water in 30 Seconds

#### Efficient Heating – Hot Water in 30 Seconds

The 18mm diameter, 3mm wall thickness heating coil and 12mm large-diameter 20G carbon steel high-efficiency heating tube provide rapid heat transfer, delivering hot water in just 30 seconds. The heating system ensures stable and long-term hot water supply with an ultra-durable 30,000-hour lifespan.



220V Direct Plug

#### 220V Direct Plug-in Power Supply

With a stable output of 170 Bar and 8L/min, the system operates directly on 220V/50Hz plug-in power, enhancing flexibility for various usage scenarios.

### Product Description

#### High Efficiency, Energy Saving, and Ultra-Low Emissions

The LYS combustion technology, developed with independent intellectual property, features adjustable air intake and fuel injection pressure, combined with combustion chamber temperature control technology. This ensures ultra-low nitrogen oxide (NOx) emissions, high-efficiency boiler combustion, and carbon buildup prevention. The system is economical and environmentally friendly, significantly reducing fuel consumption and CO<sub>2</sub> emissions.

#### High-Efficiency National Standard Pure Copper Motor

Operates at 1450 RPM, delivering high efficiency, low temperature rise, and sufficient power output with a pure copper core motor.

#### Multi-Sensor and Multi-Layer Protection

Equipped with multiple temperature sensors, pressure sensors, and flow switches, ensuring a safe and reliable heating process.

#### Three-Piston Crankshaft Brass Pump

A three-piston crankshaft reciprocating high-pressure pump with a brass pump head and industrial-grade ceramic plungers, designed for continuous operation with stable pressure output.

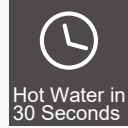
### Technical Specification

Model	Part Number	Rated Voltage	Water Outlet Temperature	Power	Water Consumption
MHP0817C	ZJ05-05	220V/50Hz	10-100°C	3KW	480L/H
Maximum Steam Pressure	Fuel Tank Capacity	Weight	Dimensions (LxWxH)		
30-170Bar	25L	80Kg	75x45x95cm		



# HP(W)1525C

## Commercial Hot Water High-Pressure Cleaner



Hot Water in 30 Seconds

### Efficient Heating – Hot Water in 30 Seconds

The 18mm diameter, 3mm wall thickness heating coil and 12mm large-diameter 20G carbon steel high-efficiency heating tube provide rapid heat transfer, delivering hot water in just 30 seconds. The heating system ensures stable and long-term hot water supply with an ultra-durable 30,000-hour lifespan.



### Gun Stop Function – Intelligent Start/Stop

The unit features an automatic gun stop function, allowing the user to start and stop the machine by operating the spray gun. This intelligent start-stop system enhances flexibility and convenience during operation.

### Product Description

#### High Efficiency, Energy Saving, and Ultra-Low Emissions

The system features proprietary LYS combustion technology, with adjustable air intake and fuel injection pressure, integrated with combustion chamber temperature control technology. This ensures ultra-low nitrogen oxide (NOx) emissions, high-efficiency boiler combustion, and carbon buildup prevention. The system is economical and environmentally friendly, significantly reducing fuel consumption and CO<sub>2</sub> emissions.

#### High-Efficiency National Standard Pure Copper Motor

Operates at 1450 RPM, delivering high efficiency, low temperature rise, and sufficient power output with a pure copper core motor.

#### Comprehensive Motor Protection

The motor-driven water pump is equipped with overload, phase loss, overvoltage, and undervoltage protection, ensuring multiple layers of safety in on-site operation. This enhanced protection design significantly extends the service life of the equipment.

#### Simple and Intuitive Operation

Featuring a single-switch control, the equipment operation is straightforward and easy to understand. It allows for one-touch switching between high-pressure cold and hot water, with a hot water waiting time of only 30 seconds. The dial-type temperature adjustment enables precise temperature control, ensuring the optimal cleaning threshold.

#### Multi-Sensor and Multi-Layer Protection

Equipped with multiple temperature sensors, pressure sensors, and flow switches, ensuring a safe and reliable heating process.

#### Three-Piston Crankshaft Brass Pump

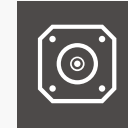
A three-piston crankshaft reciprocating high-pressure pump featuring a brass pump head and industrial-grade ceramic plungers, designed for continuous operation with stable pressure output.

### Technical Specification

Model	Part Number	Rated Voltage	Water Outlet Temperature	Power	Flow Rate	Fuel Tank Capacity
HP(W)1525C	ZJ06-07	380V/50Hz	10-100°C	7.5KW	900L/H	25L
HP(W)1530C	ZJ06-08	380V/50Hz	10-100°C	9KW	900L/H	25L
Model	Maximum Steam Pressure	Weight	Dimensions (LxWxH)			
HP(W)1525C	30-250Bar	80+70Kg	75x45x95cm			
HP(W)1530C	30-300Bar	80+70Kg	75x45x95cm			

# MHP1550C

## Commercial Hot Water High-Pressure Cleaner



The system is equipped with a permanent magnet synchronous servo motor combined with a heavy-duty vector servo drive, ensuring rapid heat dissipation and long-lasting power. It features high power factor, high efficiency, and high power density, while maintaining a compact design.

The simple structure allows for easy maintenance, extended service life, and high reliability. It offers excellent speed regulation performance with high precision, along with low rotational inertia and fast response speed.

Enables soft motor start, ensuring smooth acceleration, reduced starting current, and minimized impact on the power grid.

Provides precise speed and pressure control, optimizing performance for various cleaning applications.

### Product Description

#### High Efficiency, Energy Saving, and Ultra-Low Emissions

The system features proprietary LYS combustion technology, with adjustable air intake and fuel injection pressure, integrated with combustion chamber temperature control technology. This ensures ultra-low nitrogen oxide (NOx) emissions, high-efficiency boiler combustion, and carbon buildup prevention. The system is economical and environmentally friendly, significantly reducing fuel consumption and CO<sub>2</sub> emissions.

#### Multi-Sensor and Multi-Layer Protection

Equipped with multiple temperature sensors, pressure sensors, and flow switches, ensuring a safe and reliable heating process.

#### Gun-Trigger Stop Function

The equipment features an automatic gun-trigger stop function, allowing the user to temporarily start or stop the machine by operating the spray gun. This intelligent start-stop system enhances operational flexibility and convenience.

#### AR Imported Brand Pump Head

The AR imported brand pump head features a brass-ceramic plunger pump with a brass pump head and industrial-grade ceramic plungers, designed for continuous operation with stable pressure output.

#### Simple and Intuitive Operation

Featuring a single-switch control, the equipment operation is straightforward and easy to understand. It allows for one-touch switching between high-pressure cold and hot water, with a hot water waiting time of only 30 seconds. The dial-type temperature adjustment enables precise temperature control, ensuring the optimal cleaning threshold.

#### Efficient Heating – Hot Water in 30 Seconds

Equipped with an 18mm diameter, 3mm wall thickness heating coil and a 12mm large-diameter 304 stainless steel high-efficiency heating tube, the system features a high thermal conductivity structure. The entire heating unit is designed for an ultra-long service life of 30,000 hours. The hot water waiting time is only 30 seconds, ensuring stable and continuous hot water supply for extended operations.

### Technical Specification

Model	Part Number	Rated Voltage	Water Outlet Temperature	Power	Flow Rate
MHP1550C	ZJ07-04	380V/50Hz	10-90°C	15KW	900L/H
Water Outlet Pressure	Weight	Dimensions (LxWxH)			
30-500Bar	220Kg	145x80x95cm			

# HW Series

## Heating Unit



For the same cleaning effectiveness, hot water requires lower pressure than cold water while providing superior cleaning performance. Hot water softens coagulated oil and grease, facilitating oil emulsification, making it easier to remove contaminants efficiently.

### Product Description

#### High Efficiency & Energy Saving – Ultra-Low Emissions

The system features proprietary LYS combustion technology, integrating adjustable air intake and fuel injection pressure with combustion chamber temperature control technology. This ensures ultra-low nitrogen oxide (NOx) emissions, high-efficiency boiler combustion, and carbon buildup prevention. The system is economical and environmentally friendly, significantly reducing fuel consumption and CO<sub>2</sub> emissions.

#### Multi-Sensor and Multi-Layer Protection

Equipped with multiple temperature sensors, pressure sensors, and flow switches, ensuring a safe, stable, and reliable heating process.

### Superiority in Design

#### Simple and Intuitive Operation

Designed with a single-switch control, making operation clear and straightforward. The system allows for one-touch switching between high-pressure cold and hot water, with a hot water waiting time of only 30 seconds. The knob-style temperature adjustment enables precise temperature control, ensuring the optimal cleaning threshold for different applications.

#### Large-Capacity Fuel Tank Design

The equipment features an automatic gun-trigger stop function, allowing the user to temporarily start or stop the machine by operating the spray gun. This intelligent start-stop system enhances operational flexibility and convenience, optimizing fuel efficiency and prolonging equipment lifespan.

#### Gun Stop Function – Intelligent Start/Stop

The equipment features an automatic gun-trigger stop function, allowing the user to temporarily start or stop the machine by operating the spray gun. This intelligent start-stop system enhances operational flexibility and convenience, optimizing energy efficiency and prolonging equipment lifespan.

#### Efficient Heating – Hot Water in 30 Seconds

Equipped with an 18mm diameter, 3mm wall thickness heating coil and a 12mm large-diameter 304 stainless steel high-efficiency heating tube, the system features a high thermal conductivity structure. The entire heating unit is designed for an ultra-long service life of 30,000 hours. The hot water waiting time is only 30 seconds, ensuring stable and continuous hot water supply for extended operations.

#### PE Engineering Plastic – Integrated Rotational Molding

Designed with a compact, modern, and ergonomic industrial design, excelling in both aesthetic appeal and commercial practicality. It offers enhanced maneuverability and is built for durability, with a machine lifespan exceeding 10 years.

### Show Details



#### Swivel Casters with Brakes

Equipped with integrated braking system, ensuring stable positioning during operation and transport. Designed to handle complex working environments, such as inclined surfaces, with ease.



#### Ergonomic Handle for Easy Maneuvering

Designed with an ergonomic grip, following human-centered engineering principles. Paired with large all-terrain wheels, enabling effortless transport and smooth mobility across various surfaces.



#### 304 Stainless Steel Carrying Handle Design

Engineered for frequent obstacle-crossing applications, the equipment is equipped with two sets of 304 stainless steel carrying handles, ensuring convenient and efficient transportation.

### Technical Specification

Model	Part Number	Rated Voltage	Water Outlet Pressure	Flow Rate	Power	Fuel Tank Capacity
HW1530C	ZJ09-07	220V/50Hz	300Bar	15L/min	500W	25L
HW1550C	ZJ09-05	220V/50Hz	300Bar	15L/min	500W	25L
HW1830C	ZJ09-08	220V/50Hz	300Bar	18L/min	500W	25L
HW1830C	ZJ09-06	220V/50Hz	300Bar	18L/min	500W	25L
HW1550C	ZJ09-04	220V/50Hz	500Bar	15L/min	500W	25L
HW2050C	ZJ09-01	220V/50Hz	500Bar	20L/min	500W	25L

Model	Water Outlet Temperature	Weight	Dimensions (LxWxH)	Material
HW1530C	10-100°C	70Kg	75*45*95 cm	20G碳钢
HW1550C	10-100°C	70Kg	75*45*95 cm	304不锈钢
HW1830C	10-100°C	80Kg	75*45*95 cm	20G碳钢
HW1830C	10-100°C	80Kg	75*45*95 cm	304不锈钢
HW1550C	10-90°C	80Kg	75*45*95 cm	304不锈钢
HW2050C	10-90°C	80Kg	75*45*95 cm	304不锈钢

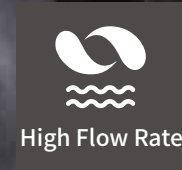
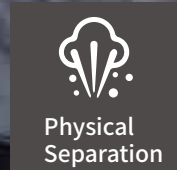


# Industrial Hot Water High-Pressure Cleaning Machine Series

For the same cleaning effectiveness, hot water requires lower pressure than cold water while providing superior cleaning performance. Hot water softens coagulated oil and grease, facilitating oil emulsification, making it easier to remove contaminants

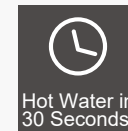
efficiently.

In the food industry, using hot water enables the effective dissolution of proteins and fats, ensuring hygienic and thorough cleaning.



## MHP0818

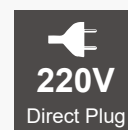
### Industrial Hot Water High-Pressure Cleaner



Hot Water in 30 Seconds

#### Efficient Heating – Hot Water in 30 Seconds

The 18mm diameter, 3mm wall thickness heating coil and 12mm large-diameter 20G carbon steel high-efficiency heating tube provide rapid heat transfer, delivering hot water in just 30 seconds. The heating system ensures stable and long-term hot water supply with an ultra-durable 30,000-hour lifespan.



220V Direct Plug

#### 220V Direct Plug-in Power Supply

With a stable output of 170 Bar and 8L/min, the system operates directly on 220V/50Hz plug-in power, enhancing flexibility for various usage scenarios.

### Product Description

#### Permanent Magnet Synchronous Water-Cooled Motor

high-quality industrial "digital motor" with rapid heat dissipation and long-lasting power. It features a high power factor, high efficiency, and high power density while maintaining a compact design. Simple structure, easy maintenance, long service life, and high reliability. Excellent speed regulation with high precision. Superior transient characteristics, low rotational inertia, and fast response speed

#### Intelligent Sensor Control

The motor is driven by a variable frequency drive (VFD), enabling soft start, intelligent speed and pressure regulation, as well as over-temperature and over-current protection. It incorporates a gun-trigger stop function and a range of energy-saving designs, effectively extending the service life of the pump head and pressure regulation valve assembly.

#### Intelligent Control with Maintenance Reminder

Equipped with multiple built-in operating modes, equipment calibration engineering mode, and maintenance reminder functions, ensuring timely servicing for optimal performance and providing a worry-free user experience.

#### High Efficiency, Energy Saving, and Ultra-Low Emissions

The system features proprietary LYS combustion technology, integrating adjustable air intake and fuel injection pressure with combustion chamber temperature control technology. This ensures ultra-low nitrogen oxide (NOx) emissions, high-efficiency boiler combustion, and carbon buildup prevention. The system is economical and environmentally friendly, significantly reducing fuel consumption and CO<sub>2</sub> emissions, while ensuring optimal performance and sustainability.

#### Multi-Layer Protection – Safe and Reliable

The motor frequency drive is equipped with built-in monitoring and protection functions, including motor overheating, overload, stall, and phase loss protection. The heating control system utilizes flow sensors, pressure switches, and water outlet temperature sensors to implement multi-layer dry-burn protection, ensuring safe and reliable equipment operation.

### Technical Specification

Model	Part Number	Rated Voltage	Water Outlet Temperature	Power	Water Consumption
MHP0818	ZJ05-03	220V/50Hz	10-100°C	3KW	480L/H
Maximum Steam Pressure		Fuel Tank Capacity	Weight	Dimensions (LxWxH)	
30-180Bar		25L	80Kg	75x45x95cm	

# MHP1525

## Industrial Hot Water High-Pressure Cleaner



The system is equipped with a permanent magnet synchronous servo motor combined with a heavy-duty vector servo drive, ensuring rapid heat dissipation and long-lasting power. It features high power factor, high efficiency, and high power density, while maintaining a compact design.

The simple structure allows for easy maintenance, extended service life, and high reliability. It offers excellent speed regulation performance with high precision, along with low rotational inertia and fast response speed.

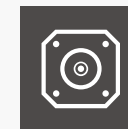
Enables soft motor start, ensuring smooth acceleration, reduced starting current, and minimized impact on the power grid.

Provides precise speed and pressure control, optimizing performance for various cleaning applications.



# MHP2050

## Electric-Driven Diesel Heating Industrial-Grade Hot Water High-Pressure Cleaner



The system is equipped with a permanent magnet synchronous servo motor combined with a heavy-duty vector servo drive, ensuring rapid heat dissipation and long-lasting power. It features high power factor, high efficiency, and high power density, while maintaining a compact design.

The simple structure allows for easy maintenance, extended service life, and high reliability. It offers excellent speed regulation performance with high precision, along with low rotational inertia and fast response speed.

Enables soft motor start, ensuring smooth acceleration, reduced starting current, and minimized impact on the power grid.

Provides precise speed and pressure control, optimizing performance for various cleaning applications.



### Product Description

#### Permanent Magnet Synchronous Water-Cooled Motor

high-quality industrial "digital motor" with rapid heat dissipation and long-lasting power. It features a high power factor, high efficiency, and high power density while maintaining a compact design. Simple structure, easy maintenance, long service life, and high reliability. Excellent speed regulation with high precision. Superior transient characteristics, low rotational inertia, and fast response speed.

#### Intelligent Control with Maintenance Reminder

Equipped with multiple built-in operating modes, equipment calibration engineering mode, and maintenance reminder functions, ensuring timely servicing for optimal performance and providing a worry-free user experience.

#### Multi-Layer Protection – Safe and Reliable

The motor frequency drive is equipped with built-in monitoring and protection functions, including motor overheating, overload, stall, and phase loss protection. The heating control system utilizes flow sensors, pressure switches, and water outlet temperature sensors to implement multi-layer dry-burn protection, ensuring safe and reliable equipment operation.

#### High-Efficiency 304 Stainless Steel Heater

Equipped with an 18mm diameter, 3mm wall thickness heating coil and a 12mm large-diameter stainless steel high-efficiency heating tube. The vertical coil timed heating technology ensures optimized heat transfer efficiency. The entire heating unit is designed for an ultra-long service life of 30,000 hours.

#### High Efficiency, Energy Saving, and Ultra-Low Emissions

The system features proprietary LYS combustion technology, integrating adjustable air intake and fuel injection pressure with combustion chamber temperature control technology. This ensures ultra-low nitrogen oxide (NOx) emissions, high-efficiency boiler combustion, and carbon buildup prevention. The system is economical and environmentally friendly, significantly reducing fuel consumption and CO<sub>2</sub> emissions, while ensuring optimal performance and sustainability.

### Product Description

#### Smart Touchscreen Human-Machine Interface

Multiple operating modes with direct temperature and pressure adjustment via the touchscreen.

Equipped with an Eco Mode (60°C Mode) for energy-saving operation.

Continuously adjustable temperature range from 30°C to 100°C.

Continuously adjustable pressure range from 30 Bar to 500 Bar.

#### Smart Control & Maintenance Reminder

Integrated multiple operating modes, commissioning engineer mode, and maintenance reminder function for seamless operation. Ensures timely servicing and maintenance, enhancing equipment longevity and reliability. Designed for hassle-free operation, keeping your system in optimal condition at all times.

#### Intelligent Control System

Equipped with the LYS Heating Control System for real-time precise digital temperature display and digital pressure display. Features auto shut-off when the trigger gun is released, automatic heating stop when the gun is off, low-temperature protection, and maintenance reminders. Ensures efficient, safe, and user-friendly operation.

#### SSR Solid-State Relay Control

Utilizes an SSR solid-state relay combined with an AC contactor control system to ensure maximum heating control safety. The contactless control design of the SSR solid-state relay significantly extends the lifespan of the heating control system. Provides enhanced reliability, durability, and maintenance-free operation.

#### Multi-Layer Protection for Maximum Safety and Reliability

The motor frequency drive is equipped with built-in protection features, including motor overheating, overload, stall, and phase loss monitoring. The heating control system incorporates a flow sensor, pressure switch, and outlet water temperature sensor to provide multi-level dry-run protection, ensuring safe and reliable operation.

#### Italian AR Pump

SHP Series original imported pump head and valve assembly for superior performance and durability.

### Technical Specification

Model	Part Number	Rated Voltage	Water Outlet Temperature	Power	Water Consumption
MHP1525	ZJ06-04	380V/50Hz	10-100°C	7.5KW	900L/H
Maximum Steam Pressure	Fuel Tank Capacity	Weight	Dimensions (LxWxH)		
30-250Bar	30L	180Kg	145x80x95cm		

### Technical Specification

Model	Part Number	Rated Voltage	Water Outlet Temperature	Power	Water Consumption
MHP2050	ZJ07-01	380V/50Hz	10-90°C	20KW	1200L/H
Maximum Steam Pressure	Fuel Tank Capacity	Weight	Dimensions (LxWxH)		
30-500Bar	30L	230kg	120×72×89cm		



# Pure Electric Hot Water High-Pressure Cleaner Series

For environments where exhaust emissions are undesirable or restricted, the electric-heated hot water high-pressure cleaner is the ideal solution. Featuring 36 kW heating power, the Falcon EHP0818 hot water high-pressure cleaner delivers efficient cleaning performance while ensuring energy savings and emission reduction. Equipped with an innovative high-efficiency

water-electric separation cast aluminum heater, large-diameter stainless steel high-efficiency heating tubes, and a high thermal conductivity cast aluminum structure. Integrated with an industrial-grade water-cooled servo motor control system, ensuring a continuous working temperature of up to 100°C for maximum cleaning efficiency.



## EHP0818

### Industrial-Grade Hot Water High-Pressure Cleaner



The system is equipped with a permanent magnet synchronous servo motor combined with a heavy-duty vector servo drive, ensuring rapid heat dissipation and long-lasting power. It features high power factor, high efficiency, and high power density, while maintaining a compact design.

The simple structure allows for easy maintenance, extended service life, and high reliability. It offers excellent speed regulation performance with high precision, along with low rotational inertia and fast response speed.

Enables soft motor start, ensuring smooth acceleration, reduced starting current, and minimized impact on the power grid.

Provides precise speed and pressure control, optimizing performance for various cleaning applications.



#### Product Description

##### Smart Touchscreen Human-Machine Interface

Multiple operating modes with direct temperature and pressure adjustment via the touchscreen. Equipped with an ECO mode (60°C ECO mode) for efficient energy savings. The temperature range is continuously adjustable between 30-100°C, while the pressure range is continuously adjustable between 30-180 Bar.

##### Smart Sensor Control

The motor is driven by a variable frequency drive (VFD), enabling soft start, intelligent speed and pressure regulation, as well as over-temperature and over-current protection. It features an auto shutdown function when the trigger is released, along with a series of energy-saving designs, effectively extending the service life of the pump head and pressure regulation valve unit.

##### Smart Maintenance Reminder System

Equipped with multiple operating modes, commissioning engineering mode, and a maintenance reminder function, ensuring timely servicing for optimal performance. This allows for hassle-free operation and extended equipment lifespan.

##### Comprehensive Protection – Safe & Reliable

The motor drive system includes built-in protection features such as overheating, overload, stall, and phase loss detection. The heating control system utilizes a flow sensor, pressure switch, and outlet temperature sensor to implement multi-layer dry-run protection, ensuring safe and reliable equipment operation.

##### High-Efficiency Water-Electric Separation Cast-Aluminum Heater

Equipped with an 18mm diameter, 2mm thick heating water coil and a 14mm large-diameter high-efficiency stainless steel heating element, the heater features a high thermal conductivity cast-aluminum structure. The entire heating system is designed for an ultra-long service life of 30,000 hours.

##### Multiple Operating Modes

Featuring various built-in operating modes, commissioning engineering mode, and a maintenance reminder function, ensuring easy maintenance and optimal performance, providing a hassle-free user experience.

#### Technical Specification

Model	Part Number	Rated Voltage	Water Outlet Temperature	Driving Power	Heating Power
EHP0818	ZJ05-04	380V/50Hz	10-100°C	3KW	36KW
Water Consumption	Water Outlet Pressure	Fuel Tank Capacity	Weight	Dimensions (LxWxH)	
1200L/H	30-180Bar	30L	230kg	120×72×89cm	

# EHP2050

## Industrial Hot Water High-Pressure Cleaner (Supports Explosion-Proof & Food-Grade Customization)



The system is equipped with a permanent magnet synchronous servo motor combined with a heavy-duty vector servo drive, ensuring rapid heat dissipation and long-lasting power. It features high power factor, high efficiency, and high power density, while maintaining a compact design.

The simple structure allows for easy maintenance, extended service life, and high reliability. It offers excellent speed regulation performance with high precision, along with low rotational inertia and fast response speed.

Enables soft motor start, ensuring smooth acceleration, reduced starting current, and minimized impact on the power grid.

Provides precise speed and pressure control, optimizing performance for various cleaning applications.



### Product Description

#### Smart Touchscreen Human-Machine Interface

Multiple operating modes with direct temperature and pressure adjustment via the touchscreen.

Equipped with an Eco Mode (60°C Mode) for energy-saving operation.

Continuously adjustable temperature range from 30°C to 100°C.

Continuously adjustable pressure range from 30 Bar to 500 Bar.

#### Intelligent Sensor Control

The motor is driven by a variable-speed drive, enabling soft start, intelligent speed and pressure regulation, as well as over-temperature and over-current protection. It features an auto shutdown function when the trigger is released, along with a series of energy-saving designs, effectively extending the service life of the pump head and pressure regulation valve assembly.

#### Multi-Layer Protection for Maximum Safety and Reliability

The motor frequency drive is equipped with built-in protection features, including motor overheating, overload, stall, and phase loss monitoring. The heating control system incorporates a flow sensor, pressure switch, and outlet water temperature sensor to provide multi-level dry-run protection, ensuring safe and reliable operation.

#### High-Efficiency Water-Electric Separation Cast-Aluminum Heater

The heating system features a high-efficiency water-electric separation cast-aluminum heater, incorporating a large-diameter 304 stainless steel high-efficiency heating element within a high thermal conductivity cast-aluminum structure. Utilizing conduction heating technology, it ensures complete separation of water and electricity, with electrical circuits for power and independent water pathways for fluid flow. This true water-electric separation technology provides stable heating performance, reduces limescale buildup, and enhances equipment safety and reliability.

#### Smart Control & Maintenance Reminder

Integrated multiple operating modes, commissioning engineer mode, and maintenance reminder function for seamless operation. Ensures timely servicing and maintenance, enhancing equipment longevity and reliability. Designed for hassle-free operation, keeping your system in optimal condition at all times.

#### Italian AR Pump

SHP Series original imported pump head and valve assembly for superior performance and durability.

### Technical Specification

Model	Part Number	Rated Voltage	Water Outlet Pressure	Water Consumption	Driving Power	Heating Power	Water Outlet Temperature	Weight	Dimensions (LxWxH)
EHP1525	ZJ06-05	380V/50Hz	30-250Bar	900L/H	7.5KW	72Kw	10-100°C	230kg	146*78*96cm
EHP2050	ZJ07-02	380V/50Hz	30-500Bar	1200L/H	20KW	72Kw	10-90°C	230kg	146*78*96cm

# Why Selective hot cleaning

High-temperature and high-pressure cleaning can elevate water temperatures from approximately 5°C to 220°C or even higher. Under the same pressure conditions, hot water cleaning significantly outperforms traditional cold water cleaning, allowing for a reduction in cleaning pressure, shorter cleaning time, and lower detergent consumption.



#### 1. Superior Cleaning Performance

Hot water high-pressure cleaning significantly enhances the emulsification effect by softening solidified oils and grease.



#### 2. Reduced Detergent Consumption

Using high-temperature and high-pressure water alone, grease, oils, and resins can be effectively removed, significantly reducing or even eliminating the need for detergents. This approach can replace up to 99% of traditional cleaning processes that heavily rely on chemical agents, offering a more sustainable and environmentally friendly cleaning solution.



#### 3. Shorter Drying Time

With hot water cleaning, the surface temperature remains higher, allowing for faster drying. This enables quicker subsequent processing or faster reuse of cleaned surfaces, improving overall efficiency in cleaning operations.



#### 4. Improved Hygiene

Hot water cleaning significantly reduces bacteria without the need for disinfectants, providing a hygienic cleaning solution that effectively lowers bacterial count through the power of high-temperature water.



#### 5. Shorter Working Time

Hot water cleaning loosens dirt more quickly, reducing overall cleaning time and enabling efficient and cost-effective execution of a wide range of cleaning tasks.



#### 6. Eco-Friendly and Energy-Efficient

Compared to traditional manual or chemical cleaning, this method produces zero pollutant emissions. Pure electric-powered equipment offers a sustainable alternative to fuel-powered systems, utilizing environmentally friendly new energy sources with zero emissions and zero pollution. The permanent magnet variable frequency design ensures high power factor, superior efficiency, and optimal energy utilization, making it a high-performance and eco-conscious cleaning solution.