STEAMA INNOVATION **

Multipurpose industry Steam Cleanser Steam Car wash machine









The Future Value of **JISAN TECH** Gets Bigger.

JISAN TECH leads the future of steam washers in the 21st century with its three core values, including humanism, ecofriendly products and customer satisfaction.

By realizing the three core values with innovative technologies, JISAN TECH will become a high-tech company that protects global environment in the 21st century.

- Management Philosophy Based on Humanism

 We put a high priority on respecting humans before corporate profits.
- Environment-friendly Technologies
 We protect the environment with our environment-friendly technologies in the 21st century.
- Customer Satisfaction Services

 We bring high levels of services to improve customer satisfaction.

JISAN TECH STEAMA is a leading product of steam washers in Korea! Aiming to protect the environment, our STEAMA products are eco-friendly steam washers without any wastewater!

Based on quick acquisition of information, expertise in steam washer industry and increases in the developmen of technologies, JISAN TECH strives to become a green company that creates a pleasant living environment, while also giving all passion to create future value and prepare for a bigger future.



















Multipurpose Industrial Washer

Able to use in the work environment of all industrial sites with high-temperature and high-pressure steam spray.

Steam Car Wash

Environment-friendly washing method with no wastewater that ensures clean washing





2000. Completed the design of steam car wash
2001. Made business registration
Completed the development of the industry's first steam car wash (electric / kerosene type) with maximum pressure of 8kgf/cm²
Commercialized the steam washer Tornado (trademark registration)
Registered the utility model of coin-operated steam car wash device (No.0258549)

2002. Registered the utility model of automatic steam car wash system (No.0290805)
Registered the utility model of coin-operated steam car wash device (No.0277380)
Moved and expanded the Ilsan plant
Developed dry-saturated steam and wet-saturated steam
Completed a new multipurpose steam car wash product

2003. Registered the utility model of multipurpose steam car wash device (No.0313663)

Registered the utility model of steam car wash device (No.0320290)

2004. Exported to Russian and Chinese markets2006. Registered the patent of multipurpose steam washer device (Patent No.0553138)

Acquired the ISO9001 certification

Supplied to 48 products to the Korea Post

2007. Exported to the U.S., Mongolian and Australian markets

2010-

2011. Established company

2012. Registered the patent of car wash device (Patent No.10-1183360)

2013. Registered the STEAMA trademark

2015. Signed a contract to export to China



Business Steam car wash



Business Versatile industrial steam cleaning

Steam car wash cleans every inch of the car by spraying high-temperature and high-pressure steam set at a steady pressure, which requires only about 300ml~1.2l of water to wash one vehicle. It is an environment-friendly washing method without any wastewater by removing hundreds of millions of mites and molds inside the car, as well as getting rid of car stains and oil stains in wheel and engine area.

♦ Advantage

- * Environment-friendly washing method that does not need to get approval because of no need to install wastewater treatment facilities, with 300ml~1.2l of water consumed for washing one vehicle.
- Excellence in removing calcium chloride during the winter time.
- * Ensures high profits with small amounts of money since starting a steam car wash business does not require any special training.
- No scratches because high-temperature (130°C~below) and high-pressure steam are used, allowing every inch of the car to be washed easily.
- Easily removes old stains by spraying high-temperature and high-pressure steam and decomposing pollutants without having to use detergents.
- Washes all areas of car including air conditioner that smells during the summer time.
- Makes sure every inch of the inside of the car is washed with high-temperature steam (130°C~85°C), such as the inside of the car with lots of germs, air conditioner, foot mat and stain smell
- . Protects painting by using high-temperature and high-pressure steam to get rid of old stains and bring back the car's paint back to its original color.
- Outstanding in removing old oils in wheel and engine areas
- . Generates high profits and provides innovative services by applying steam car wash business to the existing automobile-related business sites,

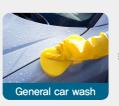
♦ Comparison













Grades for wastewater discharged from one vehicle

Car wash method	Grade	Amount of water used	Wastewater discharged
Steam car wash	1	1.5ℓ	200cc
Car wash by bucket	2	35ℓ	35ℓ
Hand car wash	4	190ℓ	190ℓ
Automatic car wash	5	500ℓ	500ℓ

Able to be used at any place where there is a car!

Gas station, auto repair shop, underground parking lot, large supermarket's car washing place, department store's car washing place, country club (golf cart's car wash), self-service car washing place (internal steam car wash, wheel car wash), automobile-related special shops.





Removes foreign substances and oil stains at industrial sites by using high-temperature and high-pressure steam spray that washes and sterilizes at the same time. Can be used for cleaning and washing purposes at all industrial sites.

♦ Purpose

- Cleaning oil stains that occurred during the production process of parts
- Cleaning or sterilizing the food plant's conveyer or oil stains
- Car washing military vehicles
- Cleaning oil stains of aircraft parts
- Cleaning the bread and snack plant's conveyer
- Cleaning the semiconductor equipment
- Cleaning the country club's golf carts
- Cleaning motorcycles
- Cleaning the transfer boxes for parts at the manufacturing plant
- Cleaning cars to prevent foot-and-mouth disease at animal farms
- Cleaning vehicles for picking up food wastes and food waste bins
- Cleaning vehicles and toys at kindergartens and nursery schools
- Sterilizing hospital equipment or cleaning the implant plant
- Cleaning the construction site
- Used at the wood manufacturing plant (high-temperature cleaning for treated wood)
- Cleaning the air conditioner's outdoor unit and filter
- Used at the molding plant





Business **STEAMA Technology!**



Business STEAMA Innovation!

STEAMA with stylish and sophisticated European design! Able to make customized selection that meet different need because of diverse volumes of products and model types, including electric type and kerosene type.







Reliable steam washer technology of 15 years history!

Conducted R&D continuously to improve the user's convenience and technology know-how for pioneering and first developing steam washer as the leading company in the business for 15 years.

Freeze and burst prevention

Preventing the malfunction of important parts due to freeze and burst during the winter time.

Working environment

Creating a pleasant and environment-friendly working environment by using clean energy like electricit.

Filter function

Exclusive filter for scale removal to prevent the malfunction of important parts from scale creation.

Alarm sound function

Alarm sound signaling to prevent the malfunction of important parts in case of water shortage.

Product material

Applied with optimized parts that meet the specifications for high-temperature and

high-pressure and being strong and durable in preventing rusts that bring corrosion to stainless steam tank.

Sophisticated European design

Strong and future-oriented exterior design and practical design that takes into consideration of user convenience and post management.

Convenient functions and advanced safety design

Adopted 5 layers of safety device that ensures safety with an automatic control system for convenient operation.

Power-saving mode

Energy-saving system that automatically cuts the power supply when the setting pressure has been reached.

Steam hose

Much lighter and less hotter than other products with fewer cases of solidification phenomena even after long service.

Steam type

Able to control strong hot water sprayed at below 130°C for dry steam and wet steam.

Intensity of steam

Able to control the strength of steam spray conveniently with buttons.

After service

Ensuring one year free of charge service by visit.

♦ Design Advantages



LED control panel that is easy to control standing up and visible to the eyes.



Moisture control valve that is easy to control





Handle that is convenient for transferring



Wheels that ar

♦ Structure names

LED automatic controller

has been stored for a long period of time

Alarm sound that signals when there is water shortage by automatically making continuous sounds, which is very convenient because there are functions that prevent the malfunction of important parts and allow the strength of steam to be selected.

- Pressure gage able to indicate the pressure during the operation of the product
- Steam humidity control valve able to clean more effectively according to the level of pollution by setting the steam humidity to the desired level
- Direct water connection Able to use conveniently by automatically supplying water
- Drain water valve valve that discharges the water inside the steam tank when it
- Steam discharge valve valve that can discharge the steam inside the steam tank within a short period of time when there is a problem or malfunction from using the product

Steam generating tank

Produced by putting the highest priority on safety with thickness and materials that suit commercialized pressure through the optimized stainless material.

- Water supply pump excellent durability that displays high-pressure power without noise and vibration.
- Safety function two safety devices with five layers of safety functions for important parts by putting the top priority on the safety of the user
- Stainless case semi-permanent durability that uses stainless materials without correction.
- Scale prevention filter prevents problems that increase energy consumption and the malfunction of important parts due to reduced efficiency caused by heat conductivity when there is scale creation inside the boiler
- Freeze and burst prevention function prevents the malfunction and rupture of important parts due to freeze and burst during the winter time

Products • **Electric**

STEAMA 1200 / 1800

- Excellent washing effect with environment-friendly water use that conserves water for global environment and the future generation with 15 years of know-how accumulated in steam washer!
- STEAMA exported to countries worldwide!
- Outstanding functions with more sophisticated design!
- Able to control the strength of the spray easily with buttons
- STEAMA's high-function and low noise nozzle!
- Providing customer service that fulfills responsibility until the end
- Preventing the malfunction of important parts with a filter exclusively for preventing scale creation
- Automatically cuts the power supply when the setting pressure has been reached



	Specification (mm)	Weight(kg)	Voltage (three phase)	Power consumption	Steam temperature	Material	Maximum pressure	Maintained pressure
	460×950×730	80	220v/440v/380v	12kw	Below 130°C	Stainless, Steel	9(kgf/cm²)	$7\sim$ 9(kgf/cm²)
STEAMA 1200 (Electric)	Basic accessories	Steam type	Steam spray amount	Water supply method	Safety device	Available wire	A/S	
	Steam hose(10m) ×1 Steam gun×1	Dry steam, wet steam	300ml ~1.3l	Direct water	5 layer	4C×6SQ	One year free of charge	
	Specification (mm)	Weight(kg)	Voltage (three phase)	Power consumption	Steam temperature	Material	Maximum pressure	Maintained pressure
	460×950×730	80	220v/380v/440v	18kw	Below 130°C	Stainless, Steel	9(kgf/cm²)	$8\sim9(\text{kgf/cm}^2)$
STEAMA 1800 (Electric)	Basic accessories	Steam type	Steam spray amount	Water supply method	Safety device	Available wire	A/S	
	Steam hose(10m) ×1 Steam gun ×1	Dry steam, wet steam	300ml ~1.3l	Direct water	5 layer	4C×10SQ	One year free of charge	

STEAMA 2400 / 3000

- Strong steam spray even after using continuously for 24 hours
- Future-oriented and high-quality design
- Convenient steam hose that is light and not too hot for men and women of all ages to use
- Ensuring pleasant working environment by using clean energy like electricity
- Using high pressure pump without tiny failures
- Diverse models that increase satisfaction by widening options
- Maximizing the cleaning effect with functions that control dry steam and wet steam
- Preventing the malfunction of important parts with an exclusive filter that prevents scale creation



	Specification (mm)	Weight(kg)	Voltage (three phase)	Power consumption	Steam temperature	Material	Maximum pressure	Maintained pressure
	460×950×730	80	220v/440v/380v	24kw	Below 130°C	Stainless, Steel	9(kgf/cm²)	9(kgf/cm²)
STEAMA 2400 (Electric)	Basic accessories	Steam type	Steam spray amount	Water supply method	Safety device	Available wire	A/S	
	Steam hose(10m) ×1 Steam gun×1	Dry steam, wet steam	300ml ~1.3l	Direct water	5 layer	4C×10SQ	One year free of charge	
	Specification (mm)	Weight(kg)	Voltage (three phase)	Power consumption	Steam temperature	Material	Maximum pressure	Maintained pressure
	450×950×730	80	220v/380v/440v	30kw	Below 130°C	Stainless, Steel	9(kgf/cm²)	9(kgf/cm²)
STEAMA 3000 (Electric)	Basic accessories	Steam type	Steam spray amount	Water supply method	Safety device	Available wire	A/S	
	Steam hose(10m) ×1 Steam gun×1	Dry steam, wet steam	300ml ~1.3l	Direct water	5 layer	4C×16SQ	One year free of charge	

STEAMA 400 / 400S

- Installed with low-water detection function to prevent overheating
- Able to move easily and conveniently by carrying small-sized product
- Strong steam spray that can be used continuously for 24 hours
- Maximizing the cleaning effect with functions that control dry steam and wet steam
- Ensuring pleasant working environment by using clean energy like electricity
- Able to control the strength of spray easily with buttons
- Preventing the malfunction of important parts with an exclusive filter that prevents scale creation



STEAMA 400 (Electric)	Specification (mm)	Weight(kg)	Voltage (three phase)	Power consumption	Steam temperature	Material	Maximum pressure	Maintained pressure
	400×450×500	40	220v, 50hz,60hz	4kw	Below 130°C	Stainless, Steel	9(kgf/cm²)	$3\sim$ 9(kgf/cm²)
	Basic accessories	Steam type	Steam spray amount	Water supply method	Safety device	Available wire	A/S	
	Steam hose(5m) ×1 Steam gun×1	Dry steam, wet steam	300ml ∼1l	Direct water	5 layer	3C×4SQ	One year free of charge	
	Specification (mm)	Weight(kg)	Voltage (three phase)	Power consumption	Steam temperature	Material	Maximum pressure	Maintained pressure
	400×450×500	40	220v/50hz/60hz	4kw	Below 130°C	Stainless	9(kgf/cm²)	$3\sim$ 9(kgf/cm²)
STEAMA 400S (Electric)	Basic accessories	Steam type	Steam spray amount	Water supply method	Safety device	Available wire	A/S	
	Steam hose (5m) ×1 Steam gun×1	Dry steam, wet steam	300ml ∼1.3l	Direct water	5 layer	3C×4SQ	One year free of charge	

♦ Steam Discharge Temperature

STEAMA steam washer is a number one system that continuously sprays consistent pressure set in spraying method, which is controlled to spray either high-temperature and high-pressure dry steam or wet steam according to the purpose of use with a small amount of water (300ml~1.3l/min). It is an environment-friendly product without any wastewater that is effective in removing various harmful germs and cleaning at the same time, while also excellent as a multipurpose industrial washer.







Dry steam discharge temperature Main body discharge temperature

Products · **Electric**

* STEAMA 1200S / 1800S

- Alarm sound function that signals to prevent the malfunction of important parts in case of water shortage
- Energy-saving system that automatically cuts power supply when the setting pressure has been reached
- Safe and economic as an independently manufactured steam washer based on long years of know-how
- Strong steam spray provided continuously for 24 hours after 7 minutes taken to reach the maximum pressure after a quick start
- Able to be used at any environment with high-temperature and highpressure without any wastewater
- Installed with high-quality parts that are suitable for specifications of hightemperature and high-pressure
- Maximizing the cleaning effect with functions that control dry steam and wet steam
- Preventing the malfunction of important parts with an exclusive filter that prevents scale creation



	Specification (mm)	Weight(kg)	Voltage (three phase)	Power consumption	Steam temperature	Material	Maximum pressure	Maintained pressure
	430×630×680	70	220v/380v/440v	12kw	Below 130°C	Stainless	9(kgf/cm²)	$7\sim$ 9(kgf/cm²)
STEAMA 1200S (Electric)	Basic accessories	Steam type	Steam spray amount	Water supply method	Safety device	Available wire	A/S	
	Steam hose(10m) ×1 Steam gun×1	Dry steam, wet steam	300ml ∼1.3l	Direct water	5 layer	4C×6SQ	One year free of charge	
	Specification (mm)	Weight(kg)	Voltage (three phase)	Power consumption	Steam temperature	Material	Maximum pressure	Maintained pressure
	430×630×680	70	220v/440v/380v	18kw	Below 130°C	Stainless	9(kgf/cm²)	8~9(kaf/am²)
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STEAMA 1800S (Electric)	Basic accessories	Steam type	Steam spray amount	Water supply method	Safety device	Available wire	A/S	0 0(((()))

STEAMA 2400S / 3000S

- Strong steam spray even after using continuously for 24 hours
- Convenient steam hose that is light and not too hot for men and women of all ages to use
- Ensuring pleasant working environment by using clean energy like electricity
- Using high-pressure pump without tiny failures
- Diverse models that increase satisfaction by widening options
- Able to control the strength of spray easily with buttons
- Applied with optimized parts that meet the specifications for hightemperature and high-pressure and being strong and durable in preventing rusts that bring corrosion to stainless steam tank
- Preventing the malfunction of important parts with an exclusive filter that prevents scale creation





	Specification (mm)	Weight(kg)	Voltage (three phase)	Power consumption	Steam temperature	Material	Maximum pressure	Maintained pressure
	500×750×790	80	220v/380v/440v	24kw	Below 130°C	Stainless	9(kgf/cm²)	9(kgf/cm²)
STEAMA 2400S (Electric)	Basic accessories	Steam type	Steam spray amount	Water supply method	Safety device	Available wire	A/S	
	Steam hose(5m) ×1 Steam gun×1	Dry steam, wet steam	300ml ∼1.3l	Direct water& 25ℓ	5 layer	4C×10SQ	One year free of charge	
	Specification (mm)	Weight(kg)	Voltage (three phase)	Power consumption	Steam temperature	Material	Maximum pressure	Maintained pressure
	500×750×790	80	220v/380v/440v	30kw	Below 130°C	Stainless	9(kgf/cm²)	9(kgf/cm²)
STEAMA 3000S (Electric)	Basic accessories	Steam type	Steam spray amount	Water supply method	Safety device	Available wire	A/S	
	Steam hose(10m) ×1 Steam gun×1	Dry steam, wet steam	300ml ∼1.3l	Direct water& 250	5 layer	4C×16SQ	One year free of charge	

STEAMA NS

STEAMA-NEW SYSTEM!

A new technology of the STEAMA steam washer offers two functions of high-pressure steam and high-pressure water being sprayed from one product! Able to enjoy more effective cleaning effect with more convenience.

STEAMA 1200NS / 1800NS

- Invention patent product
- Perfect cleaning technology that uses both high-temperature and high-pressure steam and high-pressure water
- Much stronger steam spray by using the power of two high-pressure pumps
- Able to control the strength of spray easily with buttons
- Preventing the malfunction of important parts with an exclusive filter that prevents scale creation
- Adopted 5 layers of safety device that ensures safety with an automatic control system for convenient operation
- Ensuring pleasant and environment-friendly working environment by using the clean energy like electricity
- Applied with optimized parts that meet the specifications for hightemperature and high-pressure and being strong and durable in preventing rusts that bring corrosion to stainless steam tank



1200NS	Model.	

	Specification (mm)	Weight(kg)	Voltage (three phase)	Power consumption	Steam temperature	Material	Maximum pressure	Maintained pressure
STEAMA 1200NS	460×950×730	80	220v/380v/440v	12kw	Below 130°C	Stainless, Steel	9(kgf/cm²)	$7\sim$ 9(kgf/cm²)
(Electric)	Basic accessories	Steam type	Steam spray amount	Amount of water spray (per minute)	Water supply method	Safety device	Available wire	A/S
	Steam hose(10m)×1 Steam gun×1	Dry steam, wet steam	300ml ~4l	30	Direct water	5 layer	4C×6SQ	One year free of charge
	Specification (mm)	Weight(kg)	Voltage (three phase)	Power consumption	Steam temperature	Material	Maximum pressure	Maintained pressure
STEAMA 1800NS (Electric)	460×950×730	80	220v/440v/380v	18kw	Below 130°C	Stainless, Steel	9(kgf/cm²)	$8\sim9(\mathrm{kgf/cm^2})$
	Basic accessories	Steam type	Steam spray amount	Amount of water spray (per minute)	Water supply method	Safety device	Available wire	A/S
	Steam hose(10m)×1 Steam gun×1	Dry steam, wet steam	300ml ~4l	30	Direct water	5 layer	4C×10SQ	One year free of charge

* STEAMA 2400NS / 3000NS

- Invention patent product
- Perfect cleaning technology that uses both high-temperature and high-pressure steam and high-pressure water
- Much stronger steam spray by using the power of two high-pressure pumps
- Able to control the strength of spray easily with buttons
- Preventing the malfunction of important parts with an exclusive filter that prevents scale creation
- Adopted 5 layers of safety device that ensures safety with an automatic control system for convenient operation
- Ensuring pleasant and environment-friendly working environment by using the clean energy like electricity
- Applied with optimized parts that meet the specifications for hightemperature and high-pressure and being strong and durable in preventing rusts that bring corrosion to stainless steam tank



Model, 2400NS Model, 3000

	Specification (mm)	Weight(kg)	Voltage (three phase)	Power consumption	Steam temperature	Material	Maximum pressure	Maintained pressure
STEAMA 2400NS	460×950×730	80	220v/380v/440v	24kw	Below 130°C	Stainless, Steel	9(kgf/cm²)	9(kgf/cm²)
(Electric)	Basic accessories	Steam type	Steam spray amount	Amount of water spray (per minute)	Water supply method	Safety device	Available wire	A/S
	Steam hose(10m)×1 Steam gun×1	Dry steam, wet steam	300ml ~4l	30	Direct water	5 layer	4C×10SQ	One year free of charge
	Specification (mm)	Weight(kg)	Voltage (three phase)	Power consumption	Steam temperature	Material	Maximum pressure	Maintained pressure
STEAMA 3000NS	460×950×730	80	220v/380v/440v	30kw	Below 130°C	Stainless, Steel	9(kgf/cm²)	9(kgf/cm²)
(Electric)	Basic accessories	Steam type	Steam spray amount	Amount of water spray (per minute)	Water supply method	Safety device	Available wire	A/S
	Steam hose(10m)×1 Steam gun×1	Dry steam, wet steam	300ml ∼4l	30	Direct water	5 layer	4C×16SQ	One year free of charge



Products · Kerosene

STEAMA 800K

- Able to use the stainless boiler semi-permanently without worries about rusts from corrosion
- Future-oriented and high-quality design
- Reducing the maintenance cost for kerosene spray nozzle with 1.25 nozzle for other companies' products and 0.5 nozzle for our products
- Providing customer service that fulfills responsibility until the end
- Installed with functions that prevent freeze and burst during the winter time
- Preventing the malfunction of important parts with a filter exclusively for preventing scale creation
- Installed with low-water detection function to prevent overheating
- Stainless generating tank developed with accumulated know-how that is much lighter and efficient than other companies' products
- Using 5 layers of safety device
- Strong steam spray that can be used at anywhere and at any time
- Able to control dry steam and wet steam
- Much effective cleaning method because of being able to move around for cleaning



	Specification (mm)	Weight(kg)	Voltage(phase)	Power consumption	Fuel	Steam temperature	Material	Maximum pressure
	460×950×730	85	220v	60w	White kerosene	Below 130°C	Stainless, Steel	9(kgf/cm²)
STEAMA 800K (Kerosene)	Maintained pressure	Basic accessories	Steam type	Steam spray amount	Water supply method	Safety device	Oil spray nozzle	A/S
	7~9(kgf/cm²)	Steam hose(10m) ×1 Steam gun×1	Dry steam, wet steam	300ml ∼1.3l	Direct water	5 layer	0.5Ø	One year free of charge

♦ Kerosene burner with excellent performance



Kerosene burner

Necessities that should be installed for moving car wash



Batteries

Inverter(3kw 12v)

Products · Accessories

Basic Accessories







Swivel



Steam gun



Nozzle



◆ 설명서

Accessories (optional)



• Steam hose(5, 7, 10, 12, 15m)



Steam hose & steam gun set



Steam gun



Steam gun set



Noise nozzle

(original form)

Noise nozzle

 Noise nozzle (fan shape)



Nozzle



Pump



Swivel



 Car wash towels (cotton flannel, superfine fibers)



 High—quality wheel cleaner



Water coating



 Premium multipurpose cleaning agent



Premium leather tire



• Lance(45, 90)



Tire wax



Glass cleaning agent



• Big Bear



Application *Use image*

STEAMA steam washer is a number one system that continuously sprays consistent pressure set in spraying method, which is controlled to spray either high-temperature and high-pressure dry steam or wet steam according to the purpose of use with a small amount of water (300ml~1.3l/min). It is an environment-friendly product without any wastewater that is effective in removing various harmful germs and cleaning at the same time, while also excellent as a multipurpose industrial washer.





With about 40% of the world population is facing water scarcity issues

JISAN TECH will make improvements

Water scarcity issues have emerged as one of the most urgent problem that we need to resolve for a long time now.

There has been an increase in the number of countries threatened by water shortages and Korea is no exception.

Currently, about 40% of the world population suffers from chronic water scarcity. In particular, it is forecasted that almost 4 billion people out of 8 billion people in the world will face water shortages by 2025 due to the rising trend of water consumption per capita caused by climate change and growing population.