



# Marine High Pressure Washer

Specialized in Ship Cleaning for 25 Years



**用水创造价值**  
Create Value with Water Power



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# COMPANY PROFILE

## About Us

Founded in 2001, Fussen has been consistently dedicated to the research, development, and innovation of high-pressure water jet technology, with more than 20 years of technical expertise in high-pressure plunger pumps.

Through advanced manufacturing processes and strict quality control, Fussen delivers pumps that are high quality, durable, and reliable. Our equipment is widely applied in ship cleaning, industrial paint and rust removal, petrochemicals, and building maintenance, and has gained broad recognition in both domestic and international markets.



Professional



International



Brand-Oriented



Professional

### Professional High-Pressure Cleaning Technology

Fussen develops advanced high-pressure pump technology that ensures efficiency, durability, and stability across diverse industrial applications.

The high-pressure pump, as the core component of a high-pressure cleaner, directly determines the overall efficiency and stability of the system. With deep insights into industry requirements, Fussen has developed a comprehensive range of professional cleaning solutions designed to meet diverse needs across different pressure levels, flow rates, and working environments.

Fussen's high-pressure plunger pumps are engineered with strict material selection, high-precision machining, and advanced sealing technology to ensure reliability and performance.

Fussen pumps are equipped with ceramic and alloy steel plungers to ensure reliable performance and durability. The ceramic plungers offer excellent wear and corrosion resistance with a smooth, low-friction surface that extends seal life, while the alloy steel plungers provide exceptional strength and impact resistance for high-pressure applications. Together with high-quality water and oil seals, the system maintains stable operation and long service life. For particularly demanding environments, Fussen also provides customized corrosion-resistant and high-temperature-resistant seal solutions. As a result, the pumps deliver reliable stability, superior efficiency, and extended durability under diverse operating conditions.



International

### International Quality Standards and Worldwide Reach

Fussen is committed to delivering products that meet the highest international standards and are shipped to customers worldwide.

The company operates in full compliance with the ISO9001 quality management system, ensuring excellence throughout design, production, testing, and service. All products are CE certified and comply with international safety requirements. With outstanding quality and consistent reliability, Fussen's pumps are widely used across Europe, the Middle East, Southeast Asia, and South America. Through long-term partnerships and a proven record of performance, the company has earned the trust of customers around the globe.



Brand-Oriented

### Creating Value with Water

Fussen's brand philosophy is built on the belief that water is not only a resource but also a force for creating value.

The company is committed to delivering high-quality pumps while advancing intelligent, efficient, and eco-friendly cleaning technology. Through continuous investment in research, development, and product optimization, Fussen leads the high-pressure water jet industry forward. Looking to the future, the company will continue to innovate and provide global customers with more professional, reliable, and sustainable cleaning solutions.

25+

Years of Experience

200+

Patents

5000<sub>m</sub><sup>2</sup>

Factory

# HONORS



CERTIFICATE OF MEMBERSHIP

This is to certify that

**Guangdong Fussen Waterjet Technology Co., Ltd.**

October 2025 – September 2026

has been approved as a **Supplier Member** of the International Marine Purchasing Association

IMPA2103441

Membership Number

Susan Koefoed  
IMPA Chair & CEO



Founded in 1978, the International Marine Purchasing Association has been the leading Association for marine purchasing and supply professionals across the globe. The present member has fulfilled all requirements related to the application process and commits to observing the Association's Bylaws.

## Certifications



## Patents





# APPLICATIONS





# FAE SERIES

## Electric High Pressure Washer

### Key Components

- Intelligent Electric Control Box
- Industrial-Grade Motor
- High-Pressure Plunger Pump
- Pressure Regulating Valve
- High-Precision Filter
- Stainless Steel Pressure Gauge
- Carbon Steel Frame
- Solid Tires
- Swivel Wheels
- High-Pressure Gun
- Fan-Shaped Nozzle
- High-Pressure Hose

### Optional Accessories



Rotating Nozzle



Brass Pump



Nickel Plated Brass Pump



Stainless Steel Pump

### Features



#### Easy to Move

Compact design, stylish, space-saving.



#### Industrial-Grade Motor

Four-pole, low-speed motor with low noise, high durability, and long service life.



#### Premium Plunger Pump

Ceramic plungers and durable seals ensure long-term stable performance.



#### Energy-Saving

Pressure switch stops the motor when the gun is released.

### Models and Specifications

Model	Voltage (Ph/V/Hz)	Flow Rate (L/min)	Pressure (Bar/Mpa/PSI)	Power (kW)	RPM (Rpm)	Weight (kg)	Dimensions (L x W x H mm)
FAE 15/15	3/380/50	15	150/15/2175	4.0	1450	68	640 x 640 x 500
FAE 15/20	3/380/50	15	200/20/2900	5.5	1450	78	640 x 640 x 500
FAE 15/25	3/380/50	15	250/25/3625	7.5	1450	85	650 x 640 x 500
FAE 18/20	3/380/50	18	200/20/2900	7.5	1450	85	650 x 640 x 500



# FME SERIES

## Electric High Pressure Washer

### Key Components

- Intelligent Electric Control Box (Soft Start)
- Industrial-Grade Motor
- High-Pressure Plunger Pump
- Pressure Regulating Valve
- Safety Valve
- High-Precision Filter
- Stainless Steel Pressure Gauge
- Solid Tires
- Swivel Wheels
- High-Pressure Hose
- High-Pressure Gun
- Fan-Shaped Nozzle
- Stainless Steel Frame

### Optional Accessories



Rotating Nozzle



Brass Pump



Nickel Plated Brass Pump



Stainless Steel Pump

### Features



#### Easy to Move

Compact design, stylish look, and space-saving.



#### Industrial-Grade Motor

Four-pole, low-speed motor with low noise, high durability, and long service life.



#### Intelligent Soft Start

Smooth start/stop system extends machine lifespan.



#### Premium Plunger Pump

Stainless steel pump with ceramic plungers and durable seals for stable, long-term performance.



#### Stainless Steel Frame

Strong, durable, and highly corrosion-resistant.

### Models and Specifications

Model	Voltage (Ph/V/Hz)	Flow Rate (L/min)	Pressure (Bar/Mpa/PSI)	Power (kW)	RPM (Rpm)	Weight (kg)	Dimensions (L x W x H mm)
FME 21/35	3/380/50	21	350/35/5075	15	1450	200	950 x 700 x 900
FME 15/50	3/380/50	15	500/50/7250	15	1450	200	950 x 700 x 900
FME 22/50	3/380/50	22	500/50/7250	22	1450	230	950 x 700 x 900
FME 18/60	3/380/50	18	600/60/8700	22	1450	230	950 x 700 x 900
FME 18/50	3/440/60	18	500/50/7250	18	1750	200	950 x 700 x 900



# FWE SERIES

## Electric High Pressure Washer

### Key Components

- Intelligent Electric Control Box ( Soft Start )
- Industrial-Grade Motor
- High-Pressure Plunger Pump
- Pressure Regulating Valve
- Safety Valve
- High-Precision Filter
- Stainless Steel Pressure Gauge
- Stainless Steel Water Tank
- Solid Tires
- Swivel Wheels
- High-Pressure Hose
- High-Pressure Gun
- Fan-Shaped Nozzle
- Stainless Steel Frame

### Optional Accessories



■ Rotating Nozzle



Brass Pump



Nickel Plated Brass Pump



Stainless Steel Pump

### Features



#### Easy to Move

Compact design, stylish look, and space-saving.



#### Industrial-Grade Motor

Four-pole, low-speed motor with low noise, high durability, and long service life.



#### Intelligent Soft Start

Smooth start/stop system extends machine lifespan.



#### Premium Plunger Pump

Stainless steel pump with ceramic plungers and durable seals for stable, long-term performance.



#### Stainless Steel Frame

Strong, durable, and highly corrosion-resistant.

### Models and Specifications

Model	Voltage (Ph/V/Hz)	Flow Rate (L/min)	Pressure (Bar/Mpa/PSI)	Power (kW)	RPM (Rpm)	Weight (kg)	Dimensions (L x W x H mm)
FWE 21/35	3/380/50	21	350/35/5075	15	1450	200	950 x 520 x 900
FWE 15/50	3/380/50	15	500/50/7250	15	1450	200	950 x 520 x 900
FWE 22/50	3/380/50	22	500/50/7250	22	1450	230	950 x 520 x 900
FWE 18/60	3/380/50	18	600/60/8700	22	1450	230	950 x 520 x 900
FWE 18/50	3/440/60	18	500/50/7250	18	1750	200	950 x 520 x 900

# FDE SERIES

## Electric High Pressure Washer



### Key Components

- Intelligent Electric Control Box ( Soft Start )
- Industrial-Grade Motor
- Stainless Steel High-Pressure Plunger Pump
- Pressure Regulating Valve
- Safety Valve
- Stainless Steel Pressure Gauge
- Y Type Filter
- High-Precision Filter
- Stainless Steel Heavy-Duty Frame
- Water Tank
- Swivel Wheels
- Dump Gun
- Fan-Shaped Nozzle
- High-Pressure Hose

### Optional Accessories



■ Rotating Nozzle



Dump Gun with Rotating Nozzle



Stainless Steel Pump

### Features



#### Easy to Move

Compact design, stylish appearance, easy to move, and space-saving.



#### Intelligent Soft Start

Soft starter ensures smooth motor start-up, extending machine lifespan.



#### Stainless Steel Frame

Corrosion-resistant frame suitable for long-term use in marine environments.



#### Premium Plunger Pump

High-performance stainless steel pump with alloy plungers and imported seals for durability and long service life.



#### Low Water Level Protection

Large-capacity stainless steel water tank with float valve prevents pump damage from dry running.



#### Industrial-Grade Motor

Four-pole, low-speed motor with low noise, high durability, and long service life.

### Models and Specifications

Model	Voltage (Ph/V/Hz)	Flow Rate (L/min)	Pressure (Bar/Mpa/PSI)	Power (kW)	RPM (Rpm)	Weight (kg)	Dimensions (L x W x H mm)
FDE 30/50	3/380/50	30	500/50/7250	30	1450	450	1350 x 680 x 1200
FDE 20/80	3/380/50	20	800/80/11600	30	1450	455	1350 x 680 x 1200
FDE 15/100	3/380/50	15	1000/100/14500	30	1450	455	1350 x 680 x 1200
FDE 36/50	3/440/60	36	500/50/7250	36	1750	450	1350 x 680 x 1200
FDE 24/80	3/440/60	24	800/80/11600	36	1750	455	1350 x 680 x 1200
FDE 18/100	3/440/60	18	1000/100/14500	36	1750	455	1350 x 680 x 1200



# FCE-EX SERIES

Explosion-Proof High Pressure Washer

## Key Components

- Explosion-Proof Electric Control Box
- Industrial-Grade Explosion-Proof Motor
- Coupling
- High-Pressure Plunger Pump
- Pressure Regulating Valve
- Safety Valve
- Stainless Steel Pressure Gauge
- High-Precision Filter
- Stainless Steel Water Tank
- Stainless Steel Float Valve
- Carbon Steel Heavy-Duty Frame
- Solid Tires
- Swivel Wheels
- High-Pressure Gun
- Fan-Shaped Nozzle
- High-Pressure Hose

## Optional Accessories



■ Rotating Nozzle



Brass Pump



Nickel Plated Brass Pump



Stainless Steel Pump

## Features



### Convenient to Move

Compact design, easy to handle, and space-saving.



### Explosion-Proof Motor

Ensures safe operation in explosive atmospheres.



### High Explosion-Proof Rating

Optional ATEX, Exd IIB T4 Gb and Exd II C T4 Gb certifications



### Explosion-Proof Control Box

Provides reliable protection in explosive atmospheres.



### Premium Plunger Pump

High-pressure pump with ceramic plungers and durable seals for long-term stable performance.

## Models and Specifications

Model	Voltage (Ph/V/Hz)	Flow Rate (L/min)	Pressure (Bar/Mpa/PSI)	Power (kW)	RPM (Rpm)	Weight (kg)	Dimensions (L x W x H mm)
FCE-EX 21/35	3/380/50	21	350/35/5075	15	1450	310	1250 x 580 x 1250
FCE-EX 15/50	3/380/50	15	500/50/7250	15	1450	310	1250 x 580 x 1250
FCE-EX 22/50	3/380/50	22	500/50/7250	22	1450	310	1250 x 580 x 1250
FCE-EX 18/60	3/380/50	18	600/60/8700	22	1450	310	1250 x 580 x 1250

# FDE-EX SERIES

Explosion-Proof High Pressure Washer



## Key Components

- Intelligent Electric Control Box
- Industrial-Grade Explosion-Proof Motor
- High-Pressure Plunger Pump
- Pressure Regulating Valve
- High-Precision Filter
- Stainless Steel Pressure Gauge
- Stainless Steel Frame
- Solid Tires
- Swivel Wheels
- High-Pressure Gun
- Fan-Shaped Nozzle
- High-Pressure Hose

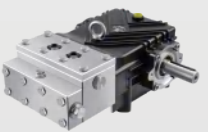
## Optional Accessories



■ Rotating Nozzle



Dump Gun with Rotating Nozzle



## Features



### Convenient to Move

Compact design, easy to handle, and space-saving.



### Explosion-Proof Motor

Ensures safe operation in explosive atmospheres.



### High Explosion-Proof Rating

Optional ATEX, Exd IIB T4 Gb and Exd II C T4 Gb certifications



### Explosion-Proof Control Box

Provides reliable protection in explosive atmospheres.



### Premium Plunger Pump

High-pressure pump with ceramic plungers and durable seals for long-term stable performance.

## Models and Specifications

Model	Voltage (Ph/V/Hz)	Flow Rate (L/min)	Pressure (Bar/Mpa/PSI)	Power (kW)	RPM (Rpm)	Weight (kg)	Dimensions (L x W x H mm)
FDE-EX 30/50	3/380/50	30	500/50/7250	30	1450	450	1350 x 680 x 1200
FDE-EX 20/80	3/380/50	20	800/80/11600	30	1450	450	1350 x 680 x 1200
FDE-EX 15/100	3/380/50	15	1000/100/14500	30	1450	450	1350 x 680 x 1200
FDE-EX 36/50	3/440/60	36	500/50/7250	36	1750	450	1350 x 680 x 1200
FDE-EX 24/80	3/440/60	24	800/80/11600	36	1750	450	1350 x 680 x 1200
FDE-EX 18/100	3/440/60	18	1000/100/14500	36	1750	450	1350 x 680 x 1200

# FKD SERIES



## Diesel High Pressure Washer

### Key Components

- Intelligent Control Box
- Diesel Engine
- Water Tank
- Gearbox
- Stainless Steel High-Pressure Plunger Pump
- Pressure Regulating Valve
- Safety Bursting Disc
- High-precision Filter
- Stainless Steel Pressure Gauge
- Booster Pump
- Diesel Fuel Tank
- Stainless Steel Water Tank
- Float Valve
- Carbon Steel Frame

### Optional Accessories

- Rotating Nozzle
- Pipe Cleaning Nozzle
- Foot Valve
- Hose Reel
- High-Pressure Pipe
- Dump Gun
- Fan-Shaped Nozzle



Dump Gun with Rotating Nozzle



Flexible Lance



Foot Valve

### Features

#### Easy to Control

Intelligent electric control box with LCD display for flexible and simple operation.

#### Premium Plunger Pump

High-pressure pump with ceramic plungers and durable seals for long-term stable operation.

#### Powerful Diesel Engine

Well-known brand engine with low noise, high durability, and long service life.

#### Low Water Level Protection

Large-capacity stainless steel water tank with internal float valve prevents pump damage from dry running.

### Models and Specifications

Model	Flow rate (L/min)	Pressure (Bar/Mpa/PSI)	Power (kW)	RPM (Rpm)	Weight (kg)	Dimensions (L x W x H mm)
FKD 120/100	120	1000/100/14500	264	400	3500	2700x1800x1900
FKD 90/140	90	1400/140/20305	264	400	3500	2700x1800x1900
FKD 30/250	30	2500/250/36260	160	400	3500	2700x1800x1900
FKD 45/280	45	2800/280/40000	264	400	3500	2700x1800x1900

# FRE SERIES



## Electric High Pressure Washer

### Key Components

- Intelligent Electric Control Box ( Soft Start )
- Industrial-Grade Motor
- Coupling
- Stainless Steel High-Pressure Plunger Pump
- Pressure Regulating Valve
- Safety Valve
- Water Tank
- Float Valve
- Stainless Steel Pressure Gauge
- High-Precision Filter
- High-Precision Stainless Steel Filter
- Carbon Steel Heavy-Duty Frame

### Optional Accessories

- Rotating Nozzle
- Dump Gun
- Fan-Shaped Nozzle
- High-Pressure Hose
- Flexible Lance
- Foot Valve



Dump Gun with Rotating Nozzle



Flexible Lance



Foot Valve

### Features

#### Industrial-Grade Motor

Four-pole, low-speed motor with low noise, high durability, and long service life.

#### Premium Plunger Pump

High-performance stainless steel pump with alloy plungers and imported seals for durability and long service life.

#### Intelligent Soft Start

Soft starter ensures smooth motor start-up, extending machine lifespan.

#### Low Water Level Protection

Large-capacity stainless steel water tank with float valve prevents pump damage from dry running.

### Models and Specifications

Model	Voltage (Ph V Hz)	Flow Rate (L/min)	Pressure (Bar/Mpa/PSI)	Power (kW)	RPM (Rpm)	Weight (kg)	Dimensions (L x W x H mm)
FRE 120/100	3/380/50	120	1000/100/14500	252	400	2800	3300 x 1900 x 2100
FRE 90/140	3/380/50	90	1400/140/20300	150	400	2800	3300 x 1900 x 2100
FRE 50/150	3/380/50	50	1500/150/21755	300	400	2800	3300 x 1900 x 2100
FRE 45/280	3/380/50	45	2800/280/40000	250	400	2800	3300 x 1900 x 2100