Fengyao Vac
More Than Just Clean

PRODUCT CATALOG

FENGYAO VAC

Industrial Vacuums & Floor Scrubbers

More Than Just Clean

About Fengyao

Fengyao specializes in industrial cleaning equipment, offering industrial vacuum cleaners and floor scrubbers for a wide range of commercial and industrial cleaning applications.

This catalog presents our industrial vacuum cleaners and floor scrubbers for export markets. Beyond the products featured here, we offer additional cleaning product lines currently available exclusively in the Chinese domestic market.

We also supply shot blasting machines to overseas customers. For details about our shot blasting machines, please contact us.



Discuss your cleaning application with Fengyao.

We focus on practical cleaning performance, operating efficiency and lasting business partnerships.

Zach | zach@yc-fengyao.com

https://www.fengyaovac.com/

FENGYAO MACHINERY

Product range

Industrial vacuum cleaners

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Floor scrubbers

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SELECTING A CONFIGURATION

Match the machine to the material being collected, the power supply, the required suction and the cleaning environment. Confirm the battery option, accessories and any explosion-protection requirements for the selected model.

PLEASE NOTE

Dimensions are measured manually. Refer to the actual product for any minor variation. Battery-powered model weights are shown excluding the battery where indicated.

Product enquiries

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INDUSTRIAL VACUUM CLEANERS

FY100B Industrial Vacuum Cleaner

FY100B



PRODUCT OVERVIEW

FY100B is a mobile industrial vacuum cleaner with separate upper and lower barrel sections for a robust structure. It collects dust, sawdust, short fibres, particles and processing residues, and can also recover wet waste.

- Separate upper and lower barrel sections.
- Suitable for site cleaning and collection of processing residues.
- Integrated cyclone separator reduces coarse dust reaching the filter.
- Detachable collection bin for convenient emptying.

POWER	SUCTION	CAPACITY	WEIGHT
3600 W	23 kPa	55 L	55 kg

Technical specifications

Parameter	Unit	FY100B
Voltage	V	220
Frequency	Hz	50
Power	W	3600
Suction	kPa	23
Filter area	m²	4.2
Suction diameter	mm	40
Collection capacity	L	55
Weight	kg	55
Dimensions	mm	950 × 700 × 1200

* Dimensions are measured manually; minor variations may occur.

FY100B INDUSTRIAL VACUUM CLEANER

Accessories & components

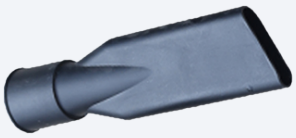
Standard accessories



5 m hose x 1



Front suction bar x 1



Flat nozzle x 1



Round brush x 1



70-to-40 mm reducer x 1



Handheld suction tool x 1



Aluminium extension tube x 1

Components and operation



01

Polyester membrane filter

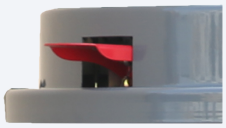
The polyester membrane filter resists acids, alkalis and wear. It provides efficient filtration with low airflow resistance. Reverse-air cleaning removes accumulated dust, and the filter can be washed and reused without damaging the material, helping extend its service life.



02

Three-position suction control

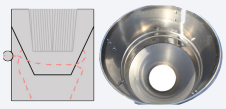
Three selectable suction settings allow the operator to adjust suction power to suit different working conditions.



03

Manual backflush cleaning

Reverse airflow dislodges dust and debris from the filter surface. Manual backflush cleaning helps maintain suction and reduces the risk of filter blockage.



04

Built-in cyclone separator

Centrifugal force directs coarse particles toward the inner wall of the separator. The particles then fall into the collection bin under gravity. This reduces the amount of coarse dust reaching the filter element.



05

Detachable collection bin

The detachable stainless-steel bin has a pull handle and wheels. Pull the handle to remove the bin for convenient emptying and cleaning.

Need help choosing a configuration?

Tell us your material, power supply and working environment.

zach@yc-fengyao.com

INDUSTRIAL VACUUM CLEANERS

FY100BD Battery-Powered Industrial Vacuum Cleaner

FY100BD



PRODUCT OVERVIEW

FY100BD is a battery-powered industrial vacuum cleaner with separate upper and lower barrel sections. It collects dust, wood chips, short fibres and particle residues, and also supports wet-waste recovery.

- Sturdy construction with separate upper and lower barrel sections.
- Integrated cyclone separator for coarse particles.
- Detachable stainless-steel bin for easier emptying.
- Optional maintenance-free battery or lithium iron phosphate battery.

POWER	SUCTION	CAPACITY	WEIGHT
1500 W	13 kPa	55 L	56 kg

Technical specifications

Parameter	Unit	FY100BD
Voltage	V	24
Power	W	1500
Suction	kPa	13
Filter area	m²	4.2
Suction diameter	mm	40
Collection capacity	L	55
Weight	kg	56 (excluding battery)
Dimensions	mm	1000 × 700 × 1200

* Dimensions are measured manually; minor variations may occur.

FY100BD BATTERY-POWERED INDUSTRIAL VACUUM CLEANER

Accessories & components

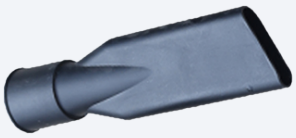
Standard accessories



5 m hose x 1



Front suction bar x 1



Flat nozzle x 1



Round brush x 1



70-to-40 mm reducer x 1



Handheld suction tool x 1



Aluminium extension tube x 1

Components and operation



01

Polyester membrane filter

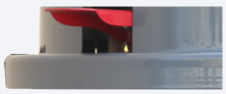
The polyester membrane filter resists acids, alkalis and wear. It provides efficient filtration with low airflow resistance. Reverse-air cleaning removes accumulated dust, and the filter can be washed and reused without damaging the material, helping extend its service life.



02

Three-position suction control

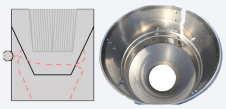
Three selectable suction settings allow the operator to adjust suction power to suit different working conditions.



03

Manual backflush cleaning

Reverse airflow dislodges dust and debris from the filter surface. Manual backflush cleaning helps maintain suction and reduces the risk of filter blockage.



04

Built-in cyclone separator

Centrifugal force directs coarse particles toward the inner wall of the separator. The particles then fall into the collection bin under gravity. This reduces the amount of coarse dust reaching the filter element.



05

Detachable collection bin

The detachable stainless-steel bin has a pull handle and wheels. Pull the handle to remove the bin for convenient emptying and cleaning.

Need help choosing a configuration?

Tell us your material, power supply and working environment.

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INDUSTRIAL VACUUM CLEANERS

HN-B Series Heavy-Duty Industrial Vacuum Cleaners

HN2210B | HN3010B | HN4010B | HN5510B | HN7510B



PRODUCT OVERVIEW

The HN-B series is designed for continuous industrial cleaning and collection of heavy particles and large quantities of dust. Applications include iron filings, glass, steel grit and gravel. The turbine design supports operation for up to 24 hours.

- High-pressure turbine for extended operation.
- Manual reverse-air cleaning can be used when dust accumulates.
- Large, high-efficiency filter element with precise filtration.

POWER	SUCTION	CAPACITY	WEIGHT
2.2–7.5 kW	23–35 kPa	55–76 L	97–134 kg

Technical specifications

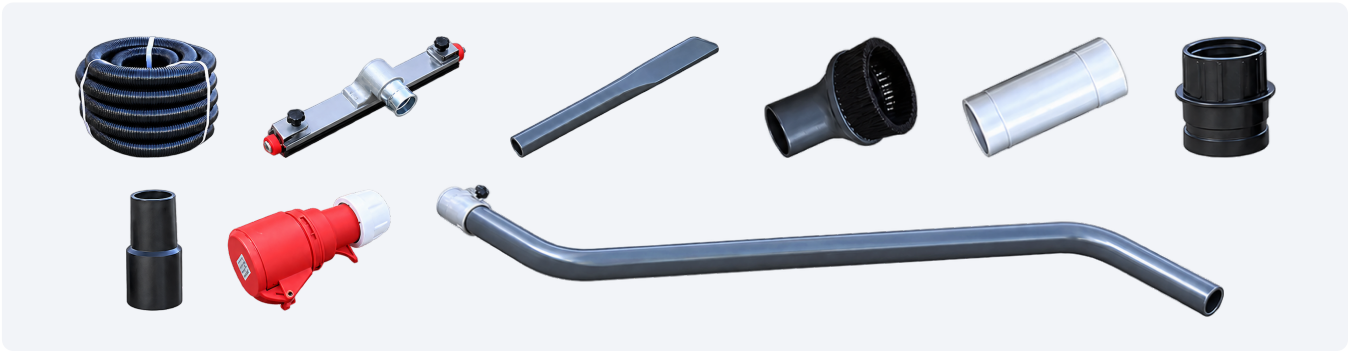
Parameter	Unit	HN2210B	HN3010B	HN4010B	HN5510B	HN7510B
Voltage	V	220	380	380	380	380
Frequency	Hz	50	50	50	50	50
Power	kW	2.2	3.0	4.0	5.5	7.5
Suction	kPa	23	26	29	33	35
Filter area	m²	4.2	4.2	4.2	4.2	4.2
Suction diameter	mm	40	40/50	40/50	50	50
Collection capacity	L	55	55	55	76	76
Weight	kg	97	103	110	130	134
Dimensions	mm	1250×600×1000	1250×600×1150	1250×600×1150	1250×600×1300	1250×600×1300

* Dimensions are measured manually; minor variations may occur.

HN-B SERIES HEAVY-DUTY INDUSTRIAL VACUUM CLEANERS

Accessories & components

Accessories



Components and operation



01

High-pressure turbine

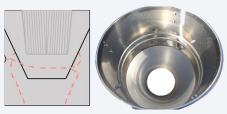
The high-pressure turbine uses a copper motor and an aluminium housing for heat dissipation and resistance to corrosion. Its design supports high airflow, low noise and continuous operation for up to 24 hours.



02

Polyester membrane filter

The polyester membrane filter resists acids, alkalis and wear. It provides efficient filtration with low airflow resistance. Reverse-air cleaning removes accumulated dust, and the filter can be washed and reused without damaging the material, helping extend its service life.



03

Built-in cyclone separator

Centrifugal force directs coarse particles toward the inner wall of the separator. The particles then fall into the collection bin under gravity. This reduces the amount of coarse dust reaching the filter element.



04

Manual backflush cleaning

Reverse airflow dislodges dust and debris from the filter surface. Manual backflush cleaning helps maintain suction and reduces the risk of filter blockage.



05

Industrial plug

The industrial plug is designed for a secure connection during extended use. Its water- and dust-resistant construction helps reduce the risk of loosening and electrical leakage.

Need help choosing a configuration?

Tell us your material, power supply and working environment.

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INDUSTRIAL VACUUM CLEANERS

HN-EX Series Explosion-Proof Industrial Vacuum Cleaners

HN2210B-EX | HN3010B-EX | HN4010B-EX | HN5510B-EX | HN7510B-EX



PRODUCT OVERVIEW

This series is intended for industrial areas that require explosion-protected equipment, including selected applications in flour mills, cement plants and chemical plants. Antistatic components and explosion-protected electrical assemblies support the specified configuration.

- Explosion-protected switch assembly for motor protection.
- Antistatic polyester precision filter.
- Antistatic accessories help control charge generated by friction in the airflow and hose.

POWER	SUCTION	CAPACITY	WEIGHT
2.2–7.5 kW	23–35 kPa	55–76 L	98–165 kg

Technical specifications

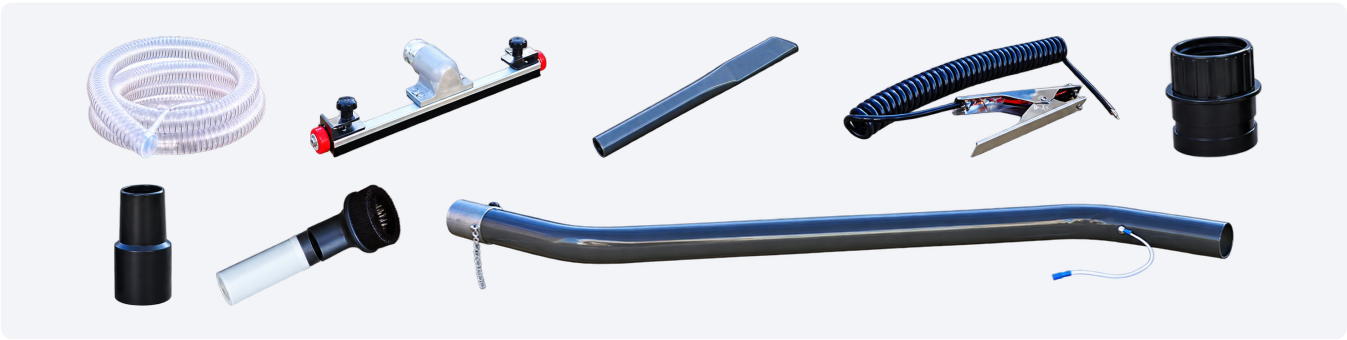
Parameter	Unit	HN2210B-EX	HN3010B-EX	HN4010B-EX	HN5510B-EX	HN7510B-EX
Voltage	V	220	380	380	380	380
Frequency	Hz	50	50	50	50	50
Power	kW	2.2	3.0	4.0	5.5	7.5
Suction	kPa	23	26	29	33	35
Filter area	m²	4.2	4.2	4.2	4.2	4.2
Suction diameter	mm	40	40/50	40/50	50	50
Collection capacity	L	55	55	55	76	76
Weight	kg	98	119	138	155	165
Dimensions	mm	1250×600×1120	1250×600×1160	1250×600×1160	1250×600×1300	1250×600×1300

* Dimensions are measured manually; minor variations may occur.
* Explosion-proof certification and operating scope must be confirmed for the actual model and configuration.

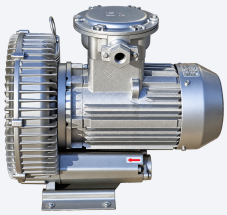
HN-EX SERIES EXPLOSION-PROOF INDUSTRIAL VACUUM CLEANERS

Accessories & components

Accessories



Components and operation



01

Explosion-proof turbine

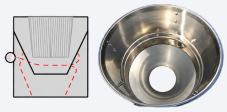
The explosion-proof high-pressure turbine provides high airflow, low noise and continuous operation for up to 24 hours. Confirm the explosion-protection rating and applicable operating conditions for the supplied configuration.



02

Antistatic filter

The antistatic filter reduces electrostatic attraction between dust and the filter surface. This supports dust collection and helps maintain stable filtration and suction performance.



03

Built-in cyclone separator

Centrifugal force directs coarse particles toward the inner wall of the separator. The particles then fall into the collection bin under gravity. This reduces the amount of coarse dust reaching the filter element.



04

Manual backflush cleaning

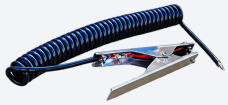
Reverse airflow dislodges dust and debris from the filter surface. Manual backflush cleaning helps maintain suction and reduces the risk of filter blockage.



05

Electrical protection assembly

The die-cast aluminium electrical enclosure has a coated surface and incorporates overload and short-circuit protection. The assembly is designed for antistatic operation.



06

Grounding clip

The grounding clip discharges static electricity from the machine and helps control the build-up of charge caused by friction. Correct grounding is required during operation.

INDUSTRIAL VACUUM CLEANERS

HN-P Series Automatic Pulse Industrial Vacuum Cleaners

HN3010P | HN4010P | HN5510P | HN7510P | HN9010P | HN1110P



PRODUCT OVERVIEW

The HN-P automatic pulse series supports continuous operation with associated production equipment. A high-power air compressor supplies reverse-air pulses at timed intervals to clean the filter, reducing routine manual filter cleaning and improving working efficiency.

- Automatic pulse cleaning with adjustable cleaning parameters.
- Digitally controlled pulse intervals with automatic cycling.
- Pressure-relief device releases pressure when negative pressure becomes excessive.

POWER	SUCTION	CAPACITY	WEIGHT
3–11 kW	26–42 kPa	55–92 L	130–298 kg

Technical specifications

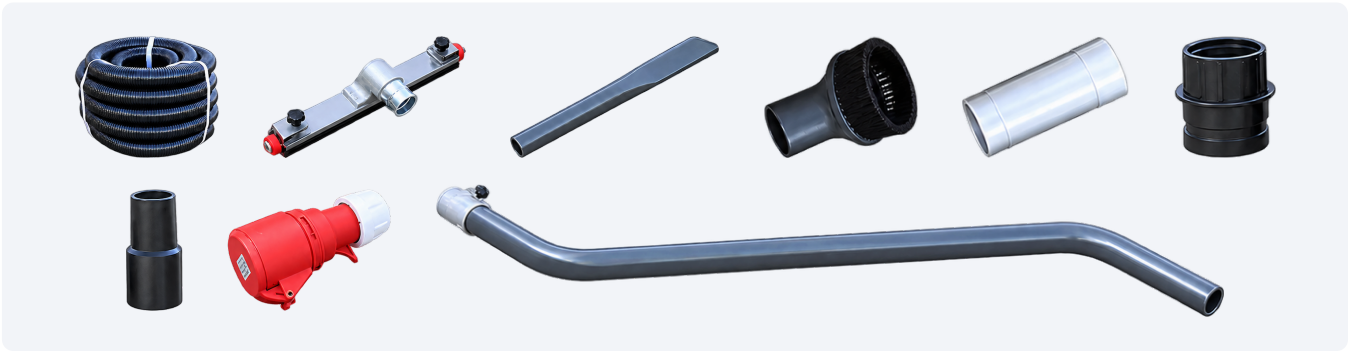
Parameter	Unit	HN3010P	HN4010P	HN5510P	HN7510P	HN9010P	HN1110P
Voltage	V	380	380	380	380	380	380
Frequency	Hz	50	50	50	50	50	50
Power	kW	3.0	4.0	5.5	7.5	9.5	11
Suction	kPa	26	29	33	35	39	42
Filter area	m²	8.5	8.5	8.5	8.5	8.5	8.5
Suction diameter	mm	40/50	50	50	50	50-80	50-80
Collection capacity	L	55	55	76	76	92	92
Weight	kg	130	142	173	210	255	298
Dimensions	mm	1250×600×1350	1250×620×1350	1250×620×1500	1250×620×1500	1400×650×1600	1400×650×1600

* Dimensions are measured manually; minor variations may occur.
* Confirm the supplied filter-cleaning arrangement: this series describes automatic pulse cleaning and also lists manual backflush cleaning.

HN-P SERIES AUTOMATIC PULSE INDUSTRIAL VACUUM CLEANERS

Accessories & components

Accessories



Components and operation



01

High-pressure turbine

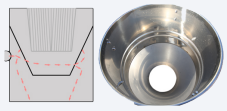
The high-pressure turbine uses a copper motor and an aluminium housing for heat dissipation and resistance to corrosion. Its design supports high airflow, low noise and continuous operation for up to 24 hours.



02

Antistatic filter

The antistatic filter reduces electrostatic attraction between dust and the filter surface. This supports dust collection and helps maintain stable filtration and suction performance.



03

Built-in cyclone separator

Centrifugal force directs coarse particles toward the inner wall of the separator. The particles then fall into the collection bin under gravity. This reduces the amount of coarse dust reaching the filter element.



04

Manual backflush cleaning

Reverse airflow dislodges dust and debris from the filter surface. Manual backflush cleaning helps maintain suction and reduces the risk of filter blockage.



05

Industrial plug

The industrial plug is designed for a secure connection during extended use. Its water- and dust-resistant construction helps reduce the risk of loosening and electrical leakage.



06

Automatic pulse filter cleaning

Automatic reverse-air pulses clean dust from the filter at set intervals. This reduces the need for frequent manual filter cleaning, supports stable collection performance and helps reduce filter wear.

INDUSTRIAL VACUUM CLEANERS

HN-EXP Series Explosion-Proof Automatic Pulse Vacuums

HN3010B-EXP | HN4010B-EXP | HN5510B-EXP | HN7510B-EXP



PRODUCT OVERVIEW

This antistatic pulse-cleaning series is intended for industrial applications that require explosion-protected equipment. Relevant applications may include flour mills, cement plants and chemical plants, subject to the protection scope of the supplied model and configuration.

- Digitally controlled pulse intervals with automatic cycling.
- Pressure-relief, overload and overcurrent protection.
- Separate upper and lower barrels for convenient emptying.
- Vacuum pressure gauge and silencer.

POWER	SUCTION	CAPACITY	WEIGHT
3–7.5 kW	26–35 kPa	55–76 L	157–205 kg

Technical specifications

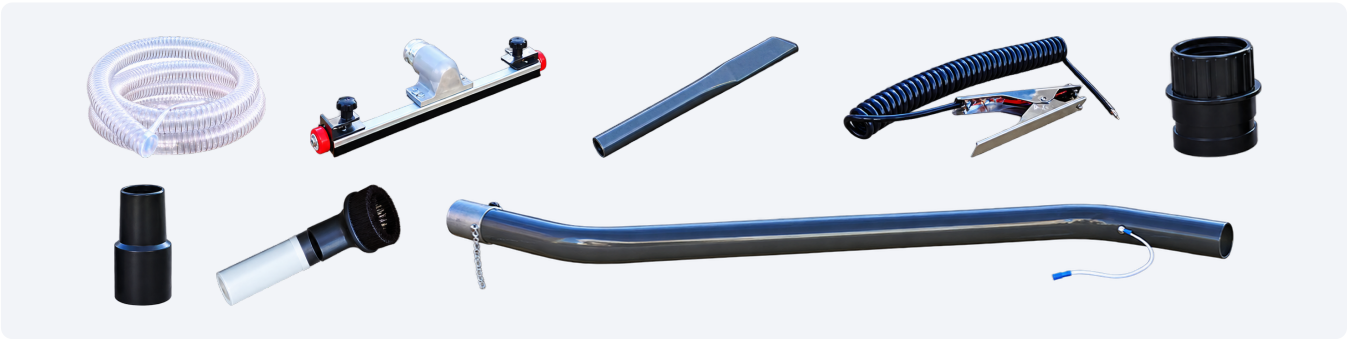
Parameter	Unit	HN3010B-EXP	HN4010B-EXP	HN5510B-EXP	HN7510B-EXP
Voltage	V	380	380	380	380
Frequency	Hz	50	50	50	50
Power	kW	3.0	4.0	5.5	7.5
Suction	kPa	26	29	33	35
Filter area	m²	8.5	8.5	8.5	8.5
Suction diameter	mm	40/50	40/50	50	50
Collection capacity	L	55	55	76	76
Weight	kg	157	168	195	205
Dimensions	mm	1250 × 620 × 1350	1250 × 620 × 1350	1250 × 650 × 1500	1250 × 650 × 1500

* Dimensions are measured manually; minor variations may occur.
* Explosion-proof certification and operating scope must be confirmed for the actual model and configuration.

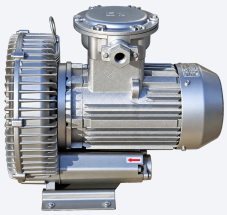
HN-EXP SERIES EXPLOSION-PROOF AUTOMATIC PULSE VACUUMS

Accessories & components

Accessories



Components and operation



01

Explosion-proof turbine

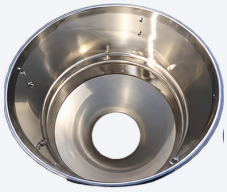
The explosion-proof high-pressure turbine provides high airflow, low noise and continuous operation for up to 24 hours. Confirm the explosion-protection rating and applicable operating conditions for the supplied configuration.



02

Antistatic filter

The antistatic filter reduces electrostatic attraction between dust and the filter surface. This supports dust collection and helps maintain stable filtration and suction performance.



03

Built-in cyclone separator

Centrifugal force directs coarse particles toward the inner wall of the separator. The particles then fall into the collection bin under gravity. This reduces the amount of coarse dust reaching the filter element.



04

Automatic pulse backflush cleaning

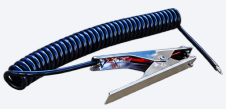
Automatic reverse-air pulses clean dust from the filter at set intervals. This reduces the need for frequent manual filter cleaning, supports stable collection performance and helps reduce filter wear.



05

Electrical protection assembly

The die-cast aluminium electrical enclosure has a coated surface and incorporates overload and short-circuit protection. The assembly is designed for antistatic operation.



06

Grounding clip

The grounding clip discharges static electricity from the machine and helps control the build-up of charge caused by friction. Correct grounding is required during operation.

FLOOR SCRUBBERS

Walk-Behind Floor Scrubber

FY-XS580



PRODUCT OVERVIEW

A walk-behind floor scrubber for cleaning stains from hard floors in office buildings, hotels, restaurants, factories and workshops. The 580 mm cleaning width and 830 mm squeegee support scrubbing and recovery of dirty water in one pass.

CLEANING WIDTH	EFFICIENCY	CLEAN WATER TANK	NET WEIGHT
580 mm	3000 m²/h	70 L	126 kg

Technical specifications

Parameter	Unit	FY-XS580
Voltage	V	24
Cleaning width	mm	580
Squeegee width	mm	830
Cleaning efficiency	m²/h	3000
Suction motor	W	450
Brush motor	W	550
Clean water tank	L	70
Recovery tank	L	80
Battery pack voltage	V	24
Net weight	kg	126
Dimensions	mm	1260 × 830 × 970

* Dimensions are measured manually; minor variations may occur.
* Cleaning efficiency depends on site conditions and operation.

FLOOR SCRUBBERS

Single-Brush Ride-On Floor Scrubber

FY-XS580D



PRODUCT OVERVIEW

A compact single-brush ride-on scrubber for hard-floor cleaning in underground garages, workshops, shopping centres, supermarkets, stations, schools and hotels. Suitable floor types include PVC, concrete, epoxy, marble, tile and emery flooring.

CLEANING WIDTH	EFFICIENCY	CLEAN WATER TANK	NET WEIGHT
580 mm	3500 m²/h	90 L	145 kg

Technical specifications

Parameter	Unit	FY-XS580D
Voltage	V	24
Cleaning width	mm	580
Squeegee width	mm	830
Cleaning efficiency	m²/h	3500
Suction motor	W	450
Brush motor	W	550
Drive motor	W	500
Clean water tank	L	90
Recovery tank	L	100
Battery pack voltage	V	24
Net weight	kg	145
Dimensions	mm	1400 × 830 × 1250

* Dimensions are measured manually; minor variations may occur.
* Cleaning efficiency depends on site conditions and operation.

FLOOR SCRUBBERS

Compact Double-Brush Ride-On Floor Scrubber

FY-XS760D



PRODUCT OVERVIEW

A compact double-brush ride-on scrubber for hard-floor cleaning in underground garages, workshops, shopping centres, supermarkets, stations, schools and hotels. Its 760 mm cleaning width supports efficient scrubbing and water recovery. Suitable for PVC, concrete, epoxy, marble and tiled floors.

CLEANING WIDTH	EFFICIENCY	CLEAN WATER TANK	NET WEIGHT
760 mm	4500 m²/h	90 L	158 kg

Technical specifications

Parameter	Unit	FY-XS760D
Voltage	V	24
Cleaning width	mm	760
Squeegee width	mm	1000
Cleaning efficiency	m²/h	4500
Suction motor	W	450
Brush motors	W	2 × 380
Drive motor	W	500
Clean water tank	L	90
Recovery tank	L	100
Battery pack voltage	V	24
Net weight	kg	158
Dimensions	mm	1400 × 1000 × 1300

* Dimensions are measured manually; minor variations may occur.
* Cleaning efficiency depends on site conditions and operation.

FLOOR SCRUBBERS

Double-Brush Ride-On Floor Scrubber

FY-XS860D



PRODUCT OVERVIEW

A medium-sized double-brush ride-on scrubber for hard-floor cleaning in garages, factory workshops, shopping centres, stations, schools and hotels. Its 860 mm cleaning width supports coverage of larger floor areas, with separate clean-water and recovery tanks.

CLEANING WIDTH	EFFICIENCY	CLEAN WATER TANK	NET WEIGHT
860 mm	5500 m²/h	150 L	180 kg

Technical specifications

Parameter	Unit	FY-XS860D
Voltage	V	24
Cleaning width	mm	860
Squeegee width	mm	1000
Cleaning efficiency	m²/h	5500
Suction motor	W	450
Brush motors	W	2 × 380
Drive motor	W	800
Clean water tank	L	150
Recovery tank	L	160
Battery pack voltage	V	24
Net weight	kg	180
Dimensions	mm	1550 × 1000 × 1300

* Dimensions are measured manually; minor variations may occur.
* Cleaning efficiency depends on site conditions and operation.

Fengyao Vac

More Than Just Clean

FENGYAO MACHINERY

Industrial Vacuum Cleaners and Floor Scrubbers

Let us find your cleaning solution

Tell us about your materials, working environment and power supply. We can help you select the model, accessories and configuration for your application.

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