

DEFUNX AGRICULTURE

DISCLAIMER

There may be information in our catalogue that contains typographical errors, inaccuracies, or omissions that may relate to product descriptions, specifications, pricing and other details. All weights, measurements and colours shown, are best approximations.

DEFUNX AGRICULTURE cannot guarantee and assumes no legal liability or responsibility for the accuracy or completeness of the information provided. The information contained in this catalogue is for general guidance only. DEFENG INTERNATIONAL reserves the right to change, delete, or otherwise modify the information which is represented without any prior notice.



TAKE CONTROL OF YOUR SPRAY

DEFUNX AGRICULTURE

2025 CATALOG



WHO WE ARE

WE ARE HERE TO SERVE HANDS-ON,
DOWN TO EARTH PRACTICAL PEOPLE.

WHO WE WANT BE

THE WORLD' S MOST RELIABLE
HOSE WINDERING SOLUTION
PROVIDER

- Founded in 2002, and headquartered in Taizhou, Zhejiang province.
- An advanced manufacturer of high-power DC frequency conversion sprayers in China.
- An integrated enterprise that includes R&D, manufacturing, sales and service.
- Take DC brushless permanent magnet technology as its main R&D direction, and gradually has the R&D and production capacity of turn-key products.



TAIZHOU, ZHEJIANG (HQ)



SHANGQIU, HENAN



25+ production experience



8000M² workshop area



PCBA workshop



Private mold



APPLICATIONS

- Farmland Irrigation
- Garden Greening
- Pesticide Spraying
- Epidemic Prevention
- Car/Ground Washing

TAKE CONTROL OF YOUR SPRAYING



DEOUNIX

PRODUCT DICTIONARY

A PERMANENT MAGNET BRUSHLESS MOTOR

B INTEGRATED SPRAYING REEL

C MULTI-FUNCTIONAL POWER SPRAYER

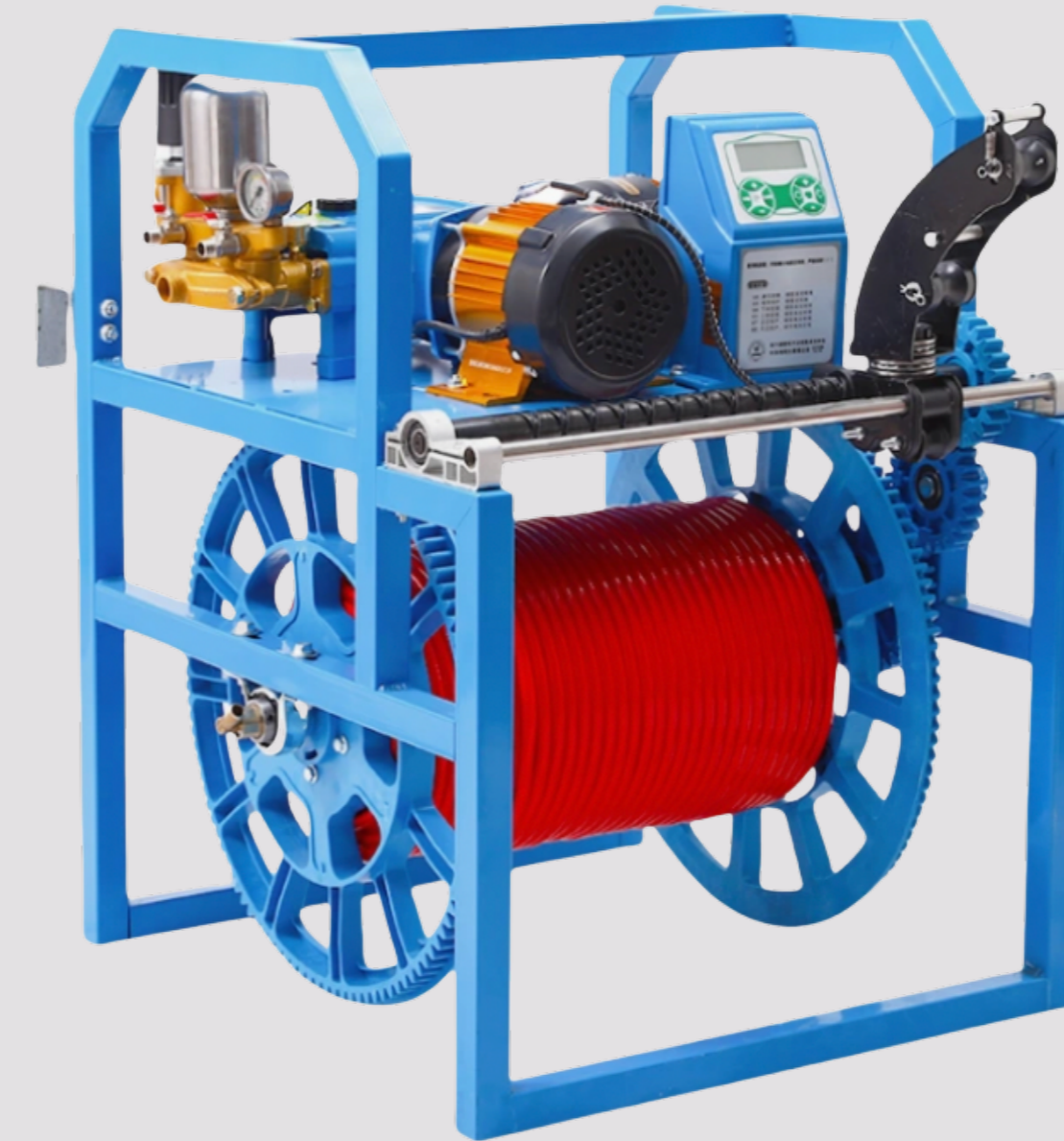
D GASOLINE & DIESEL ENGINE

— WHAT IS NEW ?

TURN KEY SOLUTION

it's happened to everyone who's ever used a spraying hose especially for long distance, the tangles, the twisting annoyance at the busy time. Let ReelBOX solve this problem for you with the state-of-the-art product.

ReelBOX is different from any other simply features, it integrates the sprayer and hose winder, helps you pull your hose out effortlessly then keep it on track as you reel. This machine built for high efficiency, and gives you the versatility for various operation.



DEFUNX PUMP



- * Private mold with unique style, stable structure, streamline curve.
- * Heavy duty structure make pump high performance.
- * All parts are processed with precision machines, providing a high quality assurance.
- * Stainless steel plunger or ceramic plunger, can be selected with your requirements.

Required Power: 500-800W

Piston Dia.: 22mm

Pressure: 0.5-6 Mpa

Volume: 13L/min

Packing Size: 450*440*295mm

Weight: 7.5KG



OVERFLOW



Required Power: 500-800W

Piston Dia.: 22mm

Pressure: 0.5-6 Mpa

Volume: 13L/min

Packing Size: 450*440*295mm

Weight: 7.5KG



Required Power: 500-800W

Piston Dia.: 22mm

Pressure: 0.5-6 Mpa

Volume: 13L/min

Packing Size: 450*440*295mm

Weight: 7.5KG



PRAVITE MOLD WITH UIQUE OUTLOOK



**GET IT IN YOUR
THEME COLOUR**



TYPE A



TYPE B



TYPE C



TYPE D

DEFUNX SPRAYER



Good Quality



Remote Control



Wide Voltage



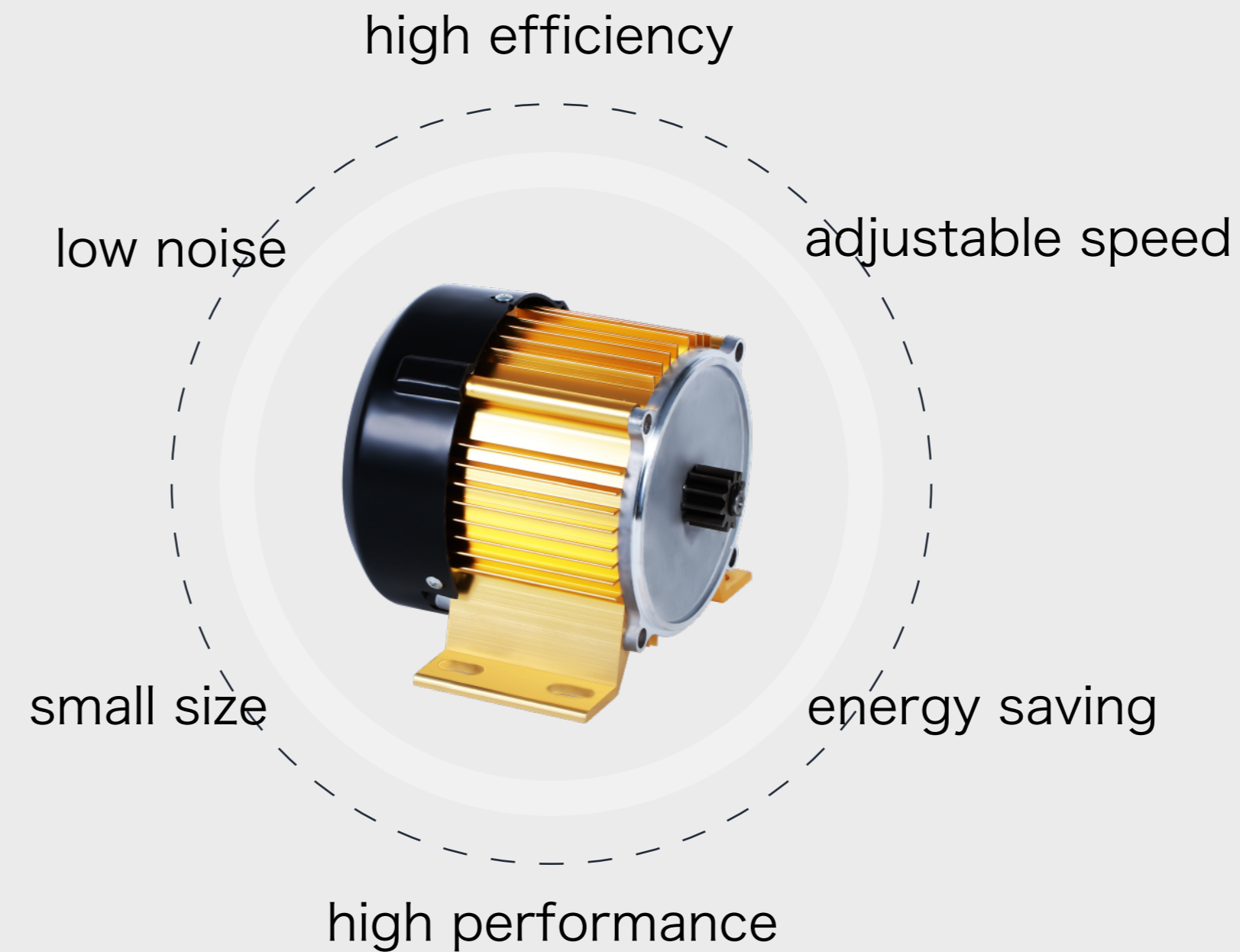
Energy Saving



Multi-functional Sprayers is a "Directly Coupled System" with high efficiency where a plunger pump is directly coupled to a motor group.

- * Precision Advantage Controller
- * MaxPower Motor/Engine
- * Heavy-Duty Plunger Pump
- * Spray Gun with Human Engineering Mechanics Design (Optional)
- * Torsion Resistance Spray Hose (Optional)

— WHAT IS PMVF MOTOR?



KEY FEATURES

Permanent Magnet Variable Frequency Motor (PMVF) is an AC variable frequency motor that uses permanent magnets as the rotor magnetization source. During operation, the variable frequency controller controls the frequency and voltage of the power supply, thereby regulating the output power and rotation of the motor.

Permanent Magnet Variable Frequency Motor

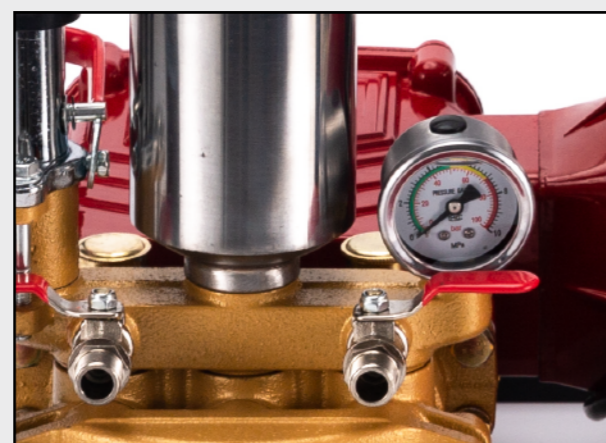
DefunX DC Sprayer



detachable REEL



Detachable manual reel, which supports to winder about 100M spraying hose.



CNC precision machined parts, makes the machine more stable and beautiful.



Leakage current protective plug will be automatically cut off if there is a leakage current to protect personal safety.



Microcomputer controller with permanent magnet variable frequency motor, supports 160V - 240V Wide Voltage input.

SHUT OFF

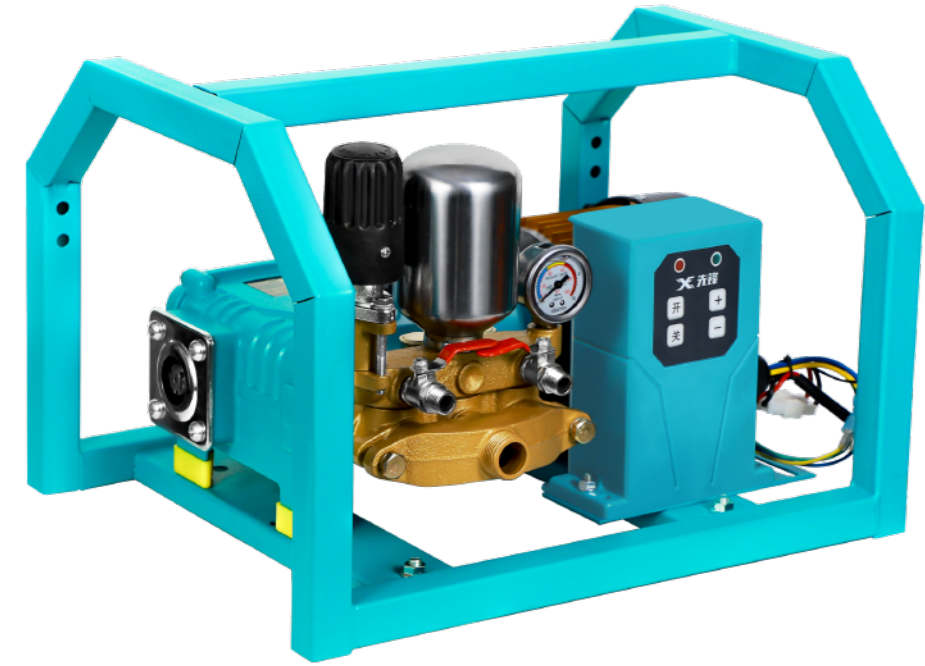


KEY FEATURES

The SHUT-OFF function allows the user to close the machine when the spray gun is turned off. When the spray gun is turned on, the main engine will start working automatically. Which means there is NO NEED to press any switch to start or stop the machine.

Electronic Shut Down Gun, secure and reliable.

DefunX DC Sprayer



Required Volatge: 48V-72V
 Piston Dia.: 22mm
 Pressure: 0.5-6 Mpa
 Volume: 13L/min
 Packing Size: 450*440*295mm
 Weight: 15KG

DC MODEL

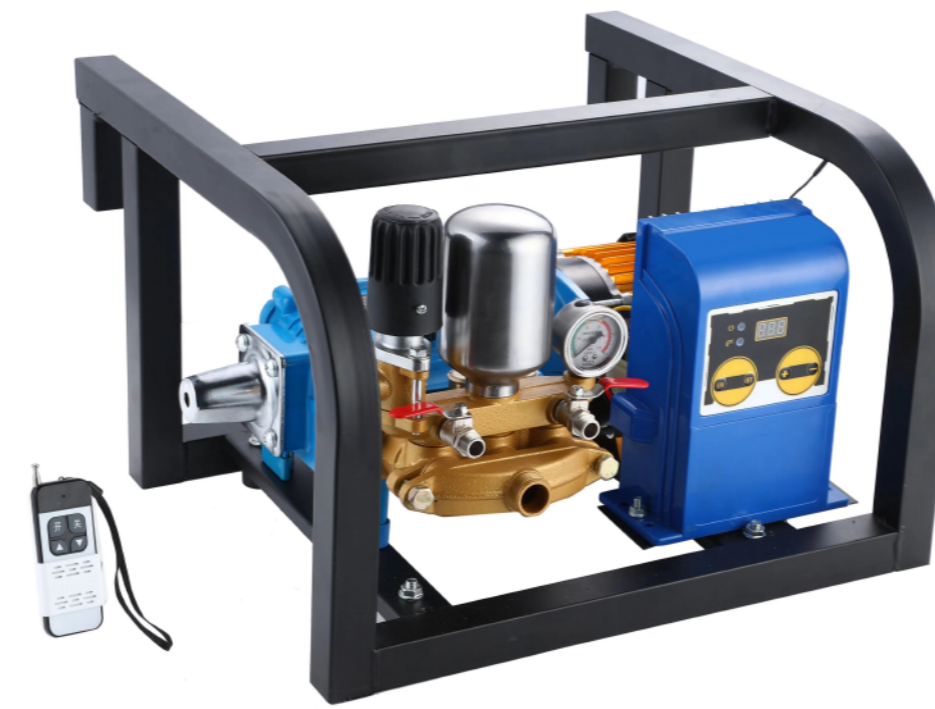
48V/60V/72V TWO PLUG MODE OF POWER SUPPLY, CHOOSE THE ONE THAT SUITS YOU



type 1



type 2

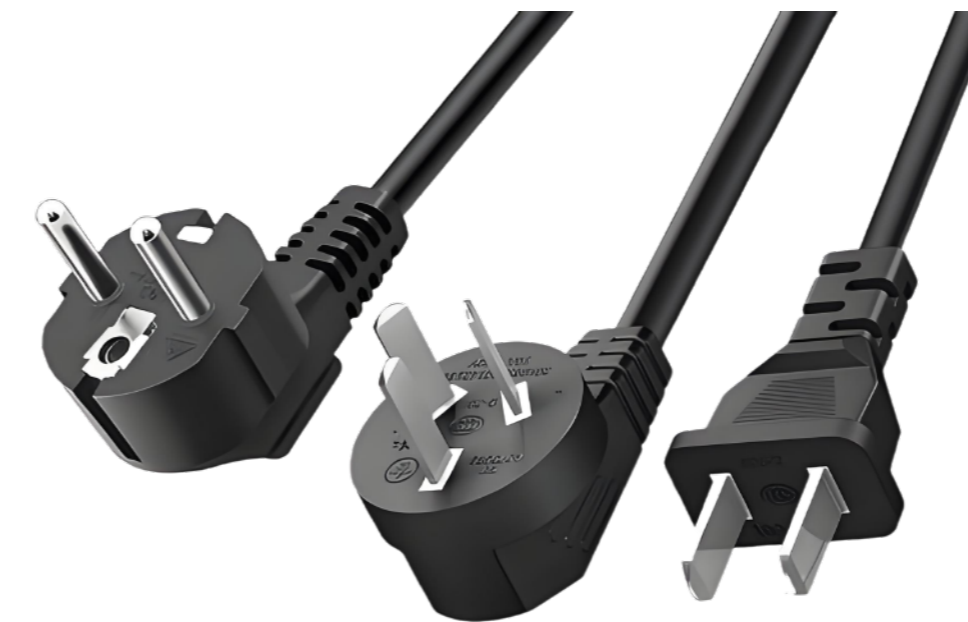


Required Volatge: 220V
 Pressure: 0.5-6 Mpa
 Packing Size: 450*440*295mm
 Piston Dia.: 22mm
 Volume: 13L/min
 Weight: 15KG

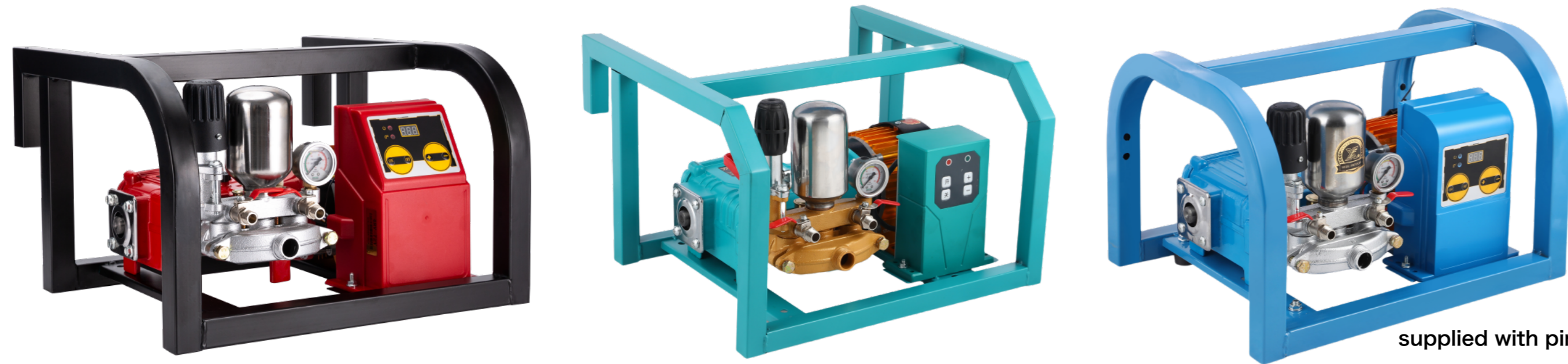
HIGH LIGHT

160V - 240V Wide Voltage

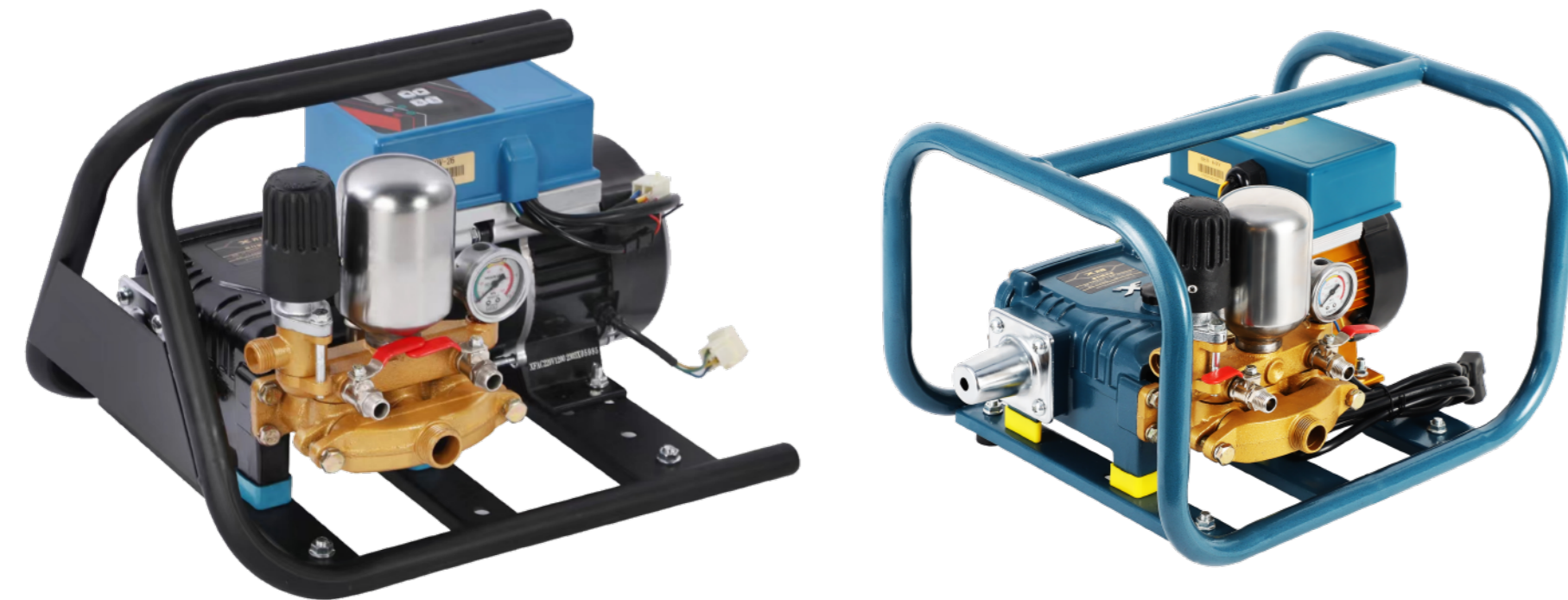
- ★ Supports customization with required plug.
- ★ Intelligent adjustments through the microcomputer control system based on real-time load conditions to maximize energy utilization and reduce energy consumption.
- ★ Effectively avoiding issues such as excessive current and voltage fluctuations during motor operation, ensuring motor stable operation.



DefunX AC Sprayer



supplied with pins and wedges
for effective mounting



Various Models



- * Supports 2 control modes with slide switch: remote control or manual control.
- * Supports speed control with mechanical potentiometer.

Required Volatge: 48V-60V

Piston Dia.: 30mm

Pressure: 0.5-6 Mpa

Volume: 18L/min

Packing Size: 520*390*370mm

Weight: 22KG

BIG FLOW, BIG POWER

DefunX Gasoline Sprayer



Gasoline Power: 170F

Pressure: 4Mpa

Plunger Dia: 30MM

Volume: 25L/min

Weight: 30kg

Packing Size: 650*370*420mm

Gasoline Power: 170F

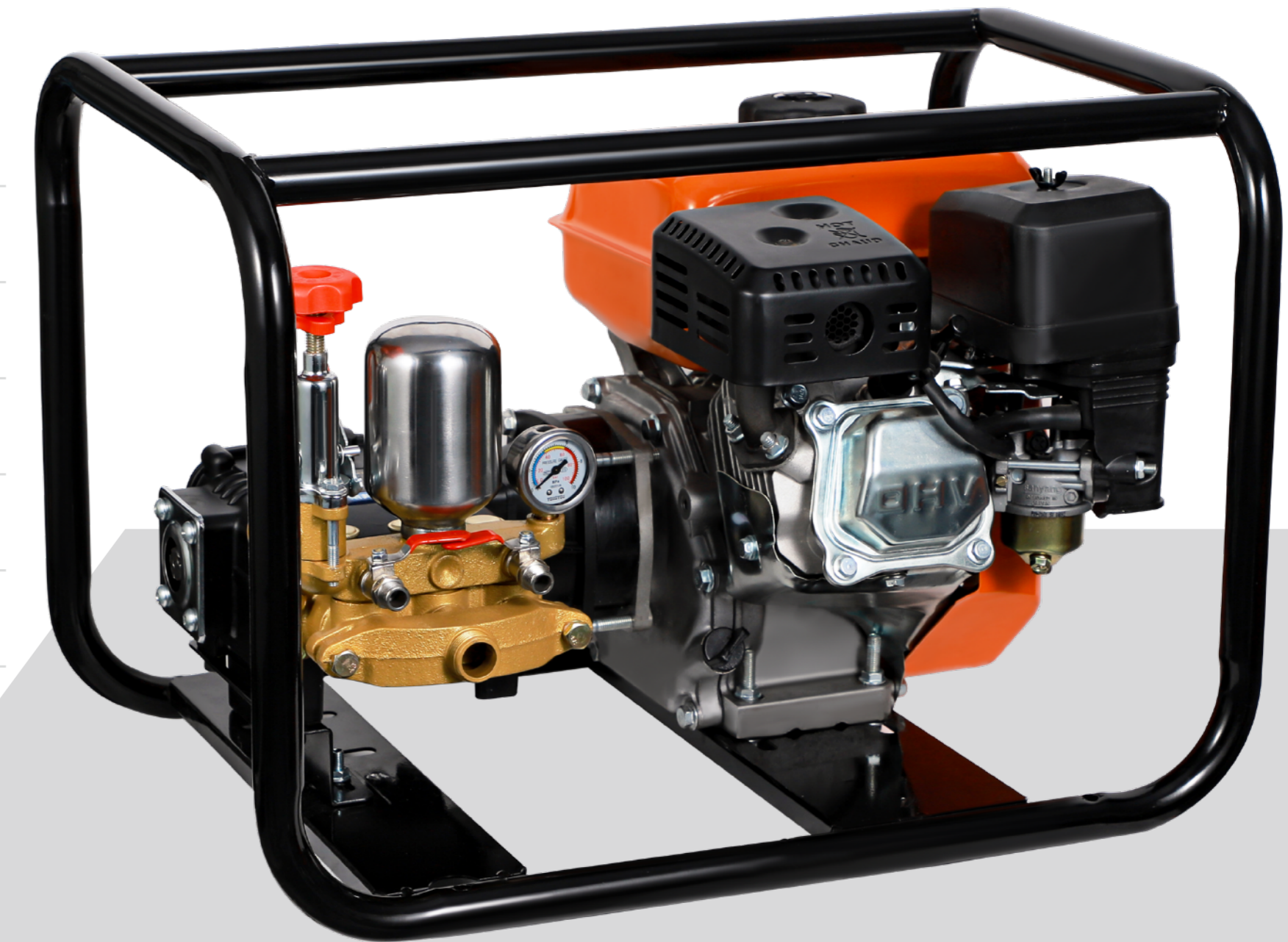
Pressure: 4Mpa

Plunger Dia: 22MM

Volume: 13L/min

Weight: 30kg

Packing Size: 715*370*420mm



Gasoline, Big Power

ReelBOX



Good Quality



Remote Control



Wide Voltage



Energy Saving

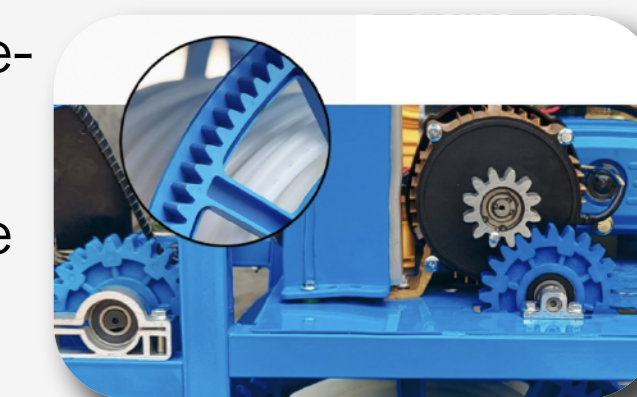
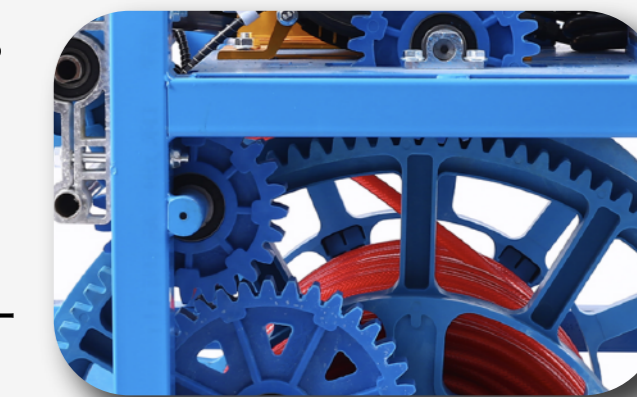


ReelBOX includes all outstanding features:

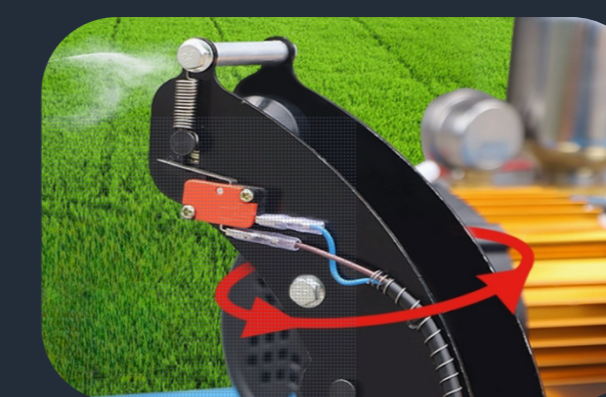
- * Precision Advantage Controller
- * MaxPower Motor/Engine
- * Heavy-Duty Plunger Pump
- * Rugged, Durable Nylon Reels
- * Self-reversing Screw with Electroplated Metal
- * Spray Gun with Human Engineering Mechanics Design (Optional)
- * Torsion Resistance Spray Hose (Optional)



- ★ ReelBOX Series Sprayers adopt gear transmission, instead of the belt transmission, economical and maintenance-free.
- ★ The gears are nylon material, which are high strength and wear resistance, suitable for various weather conditions.



Self-Reversing Screw



Smart Track with 360° Rotation



Microcomputer Control System



Long Distance Remote Control

ReelBOX- electric series



Required Voltage:	48V-72V
Pressure:	4MPa
Volume:	13L/min
Remote Control Distance:	500M
Hose Winding Length:	350M
Packing Size:	615*570*780mm
Wight:	35KG

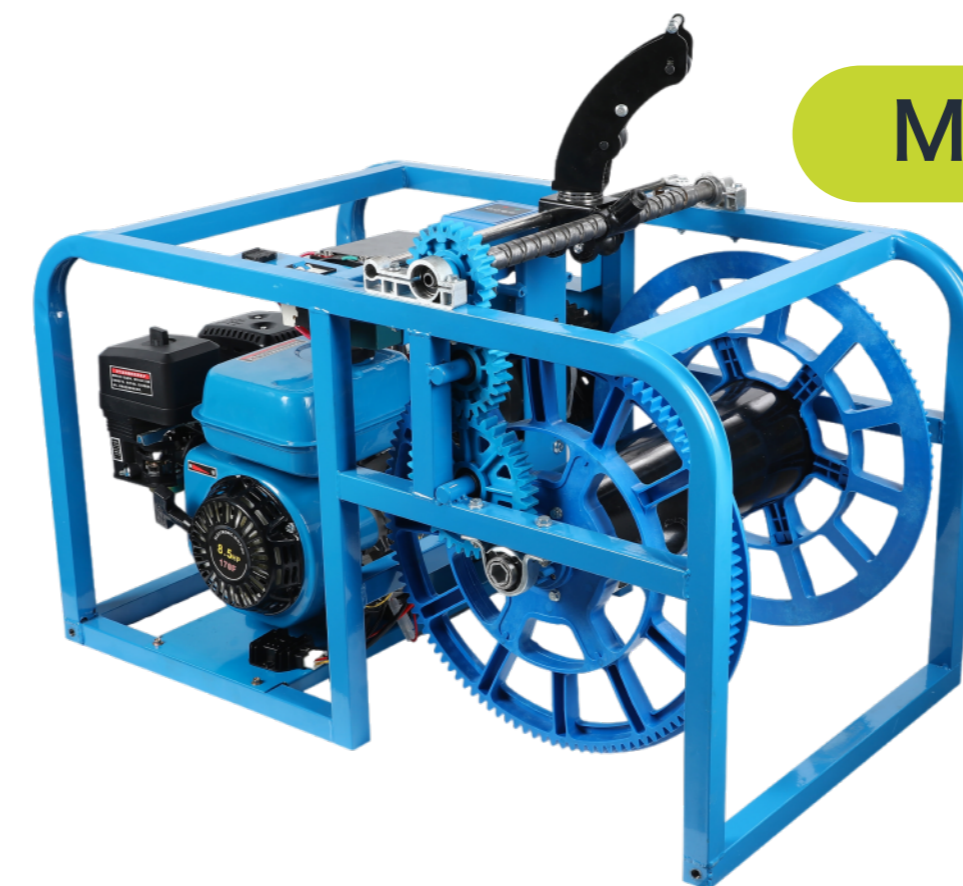
HIGH LIGHT

Electric Tricycle/Bicycle Mounted Sprayer

- ★ Directly obtain electricity through the charging port of the electric tricycle/bicycle scooter, no need to prepare a battery additionally.
- ★ Supper wide range of voltage from 48V -72V, suitable for various models of electric tricycle/bicycle.
- ★ No need to carry, long distance remote control.



ReelBOX- gasoline series



MODEL-A

Reel Required Voltage:	12V
Pressure:	4MPa
Volume:	13L/min
Remote Control Distance:	500M
Hose Winding Length:	350M
Packing Size:	615*570*780mm
Wight:	35KG

MODEL-B



KEY FEATURES

- ★ 500 meter long remote control distance, remote control of gasoline engine start/stop, saving fuel costs.
- ★ Only one remote control is needed to simultaneously control the start/stop of the gasoline engine and the retraction of the hose.