

DERUTU

MORE INTELLIGENT # WORLD FOR CONSTRUCTION

DP-220 Multifunctional spraying machine



Compatible with dual voltages, capable of spraying various materials, adaptable to diverse operating conditions



DP-220 parameter	
Main Unit	7.5KW
Power Supply Voltage	380V/220V
Screw Pump	D9
Maximum Aggregate Particle Size	<6mm
Theoretical Output	42L/min
Air Compressor	0.9KW
Hopper Capacity	76L
Conveying Distance	45m(The conveying distance depends on the material used)
Main unit dimensions	165*63*73cm
Control unit dimensions	56*66*106cm
Main unit weight	195kg
Control unit weight	95kg



Introduction

The DERUTU DP-220 multifunctional mortar sprayer handles a wide range of materials, including cement, gypsum, fireproof coatings, aerogel, anhydrite, high-ductility concrete, inorganic fibers, and polymers—eliminating the hassle of switching between dedicated machines. Dual-voltage compatible: 220V/380V. The compact and flexible design adapts to a wide range of jobsite conditions and ensures easy operation. The rotor-and-stator pumping system uses eccentric drive technology to compress and deliver the material to the front end for spraying. It helps reduce labor and construction costs, simplify application, and improve finishing quality and efficiency. Suitable for plastering

DP-220 Multifunctional spraying machine

- ※ High Quality--High-pressure pumping ensures firm wall adhesion
- ※ Rapid Construction--Low-level material loading boosts both efficiency and speed
- ※ Versatile Compatibility--Dual-voltage support with easy switching
- ※ Enhanced Safety--Split-unit design ensures superior safety and control

Technical Advantages

- ① Supports mortar, gypsum and fireproof coatings with fast switching;
- ② Dual 220V/380V voltage fits various site power supplies;
- ③ Precise adjustable spray flow suits all construction scenarios;
- ④ Self-developed large-pitch screw pump adapts to various mortar materials;
- ⑤ Premium brand motor delivers stable and strong power for efficient and smooth construction;
- ⑥ Wear-resistant high-manganese steel auger ensures smooth feeding and long service life;
- ⑦ Fast pneumatic switch enables convenient long-distance control;
- ⑧ Quick-install vibrating screen facilitates hopper condition inspection;
- ⑨ Split design with compact body, low interference and flexible transition;
- ⑩ Simple operation design allows workers to get started quickly!

Applicable Raw Materials and Projects

- Cement mortar
- Ready-mixed mortar
- Site-mixed mortar
- Lime mortar
- Clay mortar
- Lightweight and heavy gypsum
- Thick-layer fireproofing
- Self-built houses
- High-end residences
- Office buildings
- Warehouses, etc.



List of Accessories

- ☑Main unit
- ☑Spray gun*1
- ☑Spray nozzle*1
- ☑Air hose*1
- ☑Tool*1
- ☑aviation plug*1



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*All data contained in this document is sourced from Deruitu Laboratory, updated as of 2026. All texts and images are for reference only. Product configurations (including technical parameters) shall be subject to the delivered machine in kind. For more information about Deruitu robots, please scan the QR code above.