



DERUTU

MORE INTELLIGENT # WORLD FOR CONSTRUCTION

更智能的建筑世界

D70——Gypsum spraying machine





Introduction

The D70 Gypsum Spraying Machine supports various materials such as dry gypsum powder, gypsum mortar, and lightweight gypsum. It features core advantages including "dual voltage compatibility, detachable design for portability, precise mixing and spraying, and intelligent, user-friendly operation." The 2025 upgraded version comprehensively iterates on pain points from the older model, transitioning from industrial-grade equipment to a "home renovation powerhouse." It solves efficiency and cost challenges for home renovations, old house refurbishments, and small commercial spaces.

Highlights and Advantages of the D70

1. Voltage Compatibility: Zero Barrier for Home Renovation Scenes

- 220V/380V dual voltage support—no industrial power supply needed. It starts directly from a household socket.
- Suitable for both home renovations and construction sites!

2. Reduced Burden on Handling, Operation, and Cleaning: Flexible Mobility in Small Spaces, Simple and Easy to Learn

- (1) Detachable Assembly: The feeding section and main body can be quickly separated, reducing weight during transport. This allows easy movement even in older buildings with narrow staircases.
- (2) Compact Size: Width is only 63cm, 17% narrower than the older model, enabling easy passage through small apartment corridors and elevators.
- (3) Simple Operation: Independent switches for the water pump, air pump, and vibration motor mean no specialized technicians are required. Workers can quickly master the machine.
- (4) High-Pressure Cleaning System: Built-in quick-connect fittings allow direct attachment to a water gun for cleaning. Full machine cleanup takes just 10 minutes, saving time and effort.
- (5) Safety Assurance: Equipped with an emergency stop for instant braking in special situations, minimizing accident risks.

3. Precision Construction: Smart Control for Superior Results

- High flexibility and compatibility; boosts efficiency without delaying project timelines.
- Anti-clogging innovation: Vibration motors assist in material feeding to prevent accumulation and ensure continuous supply. This enables uninterrupted operation across all scenarios for higher efficiency.
- Speed guarantee: Output flow reaches 20L/min at 220V and 30L/min at 380V.

4. International Quality: Durable, Robust, and Cost-Effective

- High-quality imported supply chain combined with lightweight design results in a compact yet durable machine with low failure rates and longer lifespan, delivering a high return on investment.
- Imported brand components matrix: Nord motor, Kommann air pump (Germany), Coppola water pump (Italy), Schneider electrical components, and Honeywell pressure regulator.

Parameter	
D70 (220V/380V)	
Power	5.5KW/380V
Pump	ECO20(220V)/D8-2(380V)
Material Particle Size	<5mm
Output Flow	20L/min (220V) /30L/min (380V)
Working Pressure	30bar
Air Pump Power	0.9 KW/220V(Kommann)
Vibration Motor Power	0.04 KW/220V
Water Pump Power	0.33 KW/220V
Overall Height	940mm
Hopper Capacity	38L
Dimensions	1270mm * 630mm * 1336mm

Applicable Raw Materials and Projects

- Dry gypsum powder
- Gypsum mortar
- Lightweight gypsum
- Heavyweight
- Thick-Layer Fireproof Coatings
- Thick-Layer Fireproof Coatings
- Stone-like Paint
- Self-Built Houses
- Premium Residences
- Office Buildings
- Warehouses

Accessory List

- Main Unit
- Spray Gun*1
- 220V Screw Pump*1
- 380V Screw Pump*1
- Spray Hose*1
- Air Hose*1
- Tool Kit*1



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