

PLASTERING X PRESS

Cement Plastering Machines are 2 types 1) Automatic 2) Semi Automatic

Advantages of Automatic Plastering Machine

- 1) Man Power
- 2) Less Wastage
- 3) Money and precious Time
- 4) Better Construction quality
- 5) More Reliable than the Traditional Manual Operation
- 6) Remark: The Grain Diameter should be less than 3mm

Automatic Plastering Machine Works

- ☞ Gypsum Plasters
- ☞ Insulating Plasters
- ☞ Lime-Gypsum Plasters
- ☞ Cement Render, Lime Plasters
- ☞ Cement-Lime Render
- ☞ Masonry Mortars
- ☞ Slot Mortars
- ☞ Reinforcing and Bonding Mortars
- ☞ Self-Leveling Floor Screeds
- ☞ The Grouting of terrace
- ☞ Anti fire and Anti Corrosive Coatings
- ☞ Some high-densities Coatings



Parts in the Machine

- 1) Electric Box 2) Protection Grill 3) Snap 4) Pump Motor 5) Retard Gear Box
6) Mixing Tube 7) Water Inlet 8) Pumping Core 9) Pressure Controller
10) Water Flow Control Switch 11) Air Pump 12) Material Hopper
13) Star Wheel Motor 14) Operation methods of the machine

Persons Required for Operation

Only three persons are required for operation. One person delivers material, one person operates the spraying gun, a third person does the assistant work (for instance: assistant to remove the hose). The whole processes such as water adding, mixing and delivery of the material etc. are implemented by the machine automatically. Compared with the manual operation, it can save manpower, material resources, money and precious time, as well makes the construction quality better and more reliable than the traditional manual operation.

Operation Methods of the Machine

Keeping the air pump running for 2-5 minutes after turn on the machine (heating the grease lubrication to make the bicycle pump work normally), then fill the mixing hopper with water (to lubricate the hose), next to dismantle the hose and add material, adjust the water pressure, connect the hose to start work until the material from the dismantling place reach the normal scope. When finishing work, the machine should be cleaned. Clean the material in the hopper with water through and out of the hose, until the clean water flow out. Then dismantle the hose, at last hung the hose vertically, clear the sand in the inner surface of the hose with clean water.

Accessories along with Machine

15m delivery hose, 1 high pressure gun, 1 low pressure gun, 15m air hose, 15m manual operation wire, key for control box, instruction book, a spanner, Sponge balls, Screw and Nuts etc.



Mixture ratio of the raw materials

Due to region diversity, the cement and sand are different. According to the national standard ratio of 1:3 and considering the operation of our machine, the ratio is listed as following:

Item	Cement	Sea sand (find sand)	River sand (middle sized sand)	Lime	Water
For rendering	1	1.5	1.5	0.5	0.5-2%
For Surface Coating	1	3	-	0.5	0.5-2%

Technical Data

	Model	Automatic
Voltage		380/220V
Power		4KW
Displacement volume		6-85L/min
Delivery pressure		30bar
Maximum delivery distance		0-100m
Maximum delivery height		30m
Allowed maximum diameter of material		3mm
Hopper volume		50L
Feeding mode		Completely automatic
Weight of control case		70kg
Weight of delivery parts		95kg
Weight of hopper		100kg
Overall weight		265kg
CTN's Dimension		1750×850×1750

Semi Automatic Plastering Machine



Remark: when you start the machine, turn on the air pump at first, then the material. But when turn off the machine, you should stop the material first then the air pump, in case that the air hole of the spraying gun is blocked.

Accessories along with Machine

15m delivery hose, 1 high pressure gun, 1 low pressure gun, 15m air hose, 15m manual operation wire, key for control box, instruction book, a spanner, Sponge balls, Screw and Nuts etc.

Putty Spray Machine

JP15 model series putty sprayer machine is used for mixing, conveying, spraying different dry mortar, glue mortar, thin layer of mortar, mixed colors mortar, gesso, it's more used to fill frame of door, repairing fire proofing concrete and the thermal system engineering.

Technical Data

Model	JP15
Discharge capacity	15-30 L/min
Conveyance pressure	25 bar
Mixing bunker volume	45L
Engine Power	3kw
Theoretical Conveyance height	3-15m
Theoretical Conveyance height	0-50m
weight	160kg
Dimension	980x690x1238mm



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