TECHNICAL DETAILS

INFORMATION ON 3D PRINTING
Technology: LDM
Max magnificency: 0.5 mm
Nozzle: 6mm, 8mm
Max consumption: 25W
Voltage: 12 v
Connector: MODU
Structure: aluminum and stainless steel

PHYSICAL DIMENSION
Dimensions: 25 x 25 x 60 cm

WEIGHT
3 kg

MATERIALS
Cement, Geopolymers

DESCRIPTION
WASP Manual Feeding Extruder is suitable for testing and 3D printing with fluid-dense materials such as cement and geopolymers. Easy to assemble and designed to be easily cleaned after each use.

WASP Manual Feeding Extruder consists of a cone with a 2.5L capacity made of stainless steel to allow the use of materials such as cement and geopolymers.

Loading is executed manually by pouring the material directly into the cone so you don’t have to stop the process to load new material. The flow is controlled by a polyamide screw operated by a 2.1A stepper motor.

To ensure the correct rheology of the material and avoid hardening, a paddle inside the cone continuously mixes the material to be extruded. There are 6mm and 8mm diameter nozzles and plastic nozzles used in silicone guns to be cut at will in the desired diameter.

The extruder is only compatible with Delta WASP 40100 CLAY.