

TECHNICAL DATA SHEET

PressPro™ Automatic Powder Press Machine

Automatic powder press · maximum press capacities up to 200 T · 7-inch touch LCD screen · 5-segment automatic program



PressPro™ EPPPE series automatic powder press — split structure with separate control box and 7-inch touch LCD screen. Image shown for reference. Dimensions and configuration vary by model.

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SECTION I

Product Overview

The PressPro™ Automatic Powder Press Machine (EPPPE series) is an automatic powder press with large press capacity, large workspace and strong operability. It features a split structure, a 7-inch touch LCD screen and automatic program segment control, and is mainly used for large-size mold sample preparation under large pressure. Automatic pressurization — automatic pressure holding — precise pressure compensation — timed pressure relief cover routine laboratory tablet preparation. The series includes four models with maximum press capacities up to 200 T. Die molds are optional and not included with the main machine. Tablet presses or molds can be customized upon requirements.

SECTION II

Core Advantages

- **7-inch touch LCD screen** — pressure system and data management system on a 7-inch touch LCD screen; remote control optional
- **Real-time mold pressure conversion** — automatic calculation of the sample pressure (MPa) on the touchscreen
- **Safety configurations** — glass protective door + leakage protection + emergency stop switch; automatic pressure relief when the cylinder rises and touches the limit switch, or when the system pressure exceeds the safe value
- **5-segment automatic program** — automatic pressurization / automatic pressure holding / precise pressure compensation / timed pressure relief; holding time unlimited seconds, configurable per stage
- **Split structure** — 1 main machine + 1 control box; demolding pressure configurable (T)
- **Large capacity and workspace** — maximum press capacities up to 200 T; the 200 T model has a published workspace of W 350 × 260 mm; workspace dimensions vary by model

SECTION III

Specifications

Technical data

Specifications	
Brand	PressPro™ by ACS Material
Models (SKU)	EPPPE65T · EPPPE100 · EPPPE150 · EPPPE200
Series	EPPPE – Automatic Powder Press Machine
Available Maximum Capacities	65 / 100 / 150 / 200 T
Pressurization Method	5-segment automatic program: automatic pressurization / automatic pressure holding / precise pressure compensation / timed pressure relief
Control Interface	7-inch touch LCD screen (remote control optional)
Configuration	Main machine + control box, 1 set; die molds optional and not included

Specifications				
Parameter	65 T	100 T	150 T	200 T
Model	EPPPE65T	EPPPE100	EPPPE150	EPPPE200
Pressure Range	1–65 T	1–100.0 T	1–150 T	1–200 T
Hydraulic Cylinder Diameter	Φ160 mm	Φ200 mm	Φ250 mm	Φ290 mm
Max Cylinder Stroke	<50 mm			
Pressurization Method	Auto-pressurization / gradual pressurization			
Sample Pressure Process	Automatic pressurization – automatic pressure holding – precise pressure compensation – timed pressure relief			
Pressurization Stages	5 segments, configurable (upgradeable to 30 segments)			
Pressure Holding Time	Unlimited seconds, configurable per stage			
Control Interface	7-inch touch LCD screen (remote control optional)			
Touchscreen Functions	Pressure system – data management system (USB upgradeable)			
Mold Pressure Conversion	Real-time automatic calculation of sample pressure (MPa)			
Demolding Pressure	Configurable (T)			
Hydraulic Cylinder Limit Protection	Automatic pressure relief when the cylinder rises and touches the limit switch			
System Safety Configuration	Automatic pressure relief when the system pressure exceeds the safe value			
Safety Configuration	Glass protective door + leakage protection + emergency stop switch			
Power Supply	220 V (50 Hz / 60 Hz)			
Maximum Power	400 W	700 W	700 W	700 W
Workspaces	W 220 × 400 mm	W 260 × 230 mm	W 300 × 260 mm	W 350 × 260 mm
Overall Dimensions	330 × 400 × 860 mm	380 × 520 × 730 mm	450 × 600 × 850 mm	480 × 650 × 950 mm
Control Box Size	280 × 340 × 380 mm	320 × 440 × 440 mm	320 × 440 × 440 mm	320 × 440 × 440 mm
Approx. Weight	260 kg	360 kg	510 kg	850 kg

Scope of delivery

— Standard configuration: EPPPE series main machine + control box (automatic powder press), 1 set

— Die molds: optional and not included; tablet presses or molds can be customized upon requirements

Final accessories and scope of supply are confirmed in the quotation.

SECTION IV

Applications

Designed for large-size mold sample preparation under high pressure. Confirm the selected model and optional mold against your sample dimensions, required press capacity and application requirements before ordering.

Product value: four models with maximum press capacities up to 200 T, a 7-inch touch LCD, 5-segment automatic program with automatic pressure holding and timed pressure relief.

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