

TECHNICAL DATA SHEET

PressPro™ Automatic Powder Press Machine

Automatic tablet press · maximum press capacities up to 60 T · 4.3-inch touch LCD screen · electric pressurization



PressPro™ EPPIE series automatic powder press — automatic tablet press with 4.3-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 (EPPIE series) is an automatic tablet press. Compared with manual powder presses, working efficiency is greatly improved. A 4.3-inch touch LCD screen directly displays the pressure tonnage. Electric pressurization — gradual pressurization — automatic pressure compensation, with manual depressurization and manual pressure-holding control, cover routine laboratory tablet preparation. The series includes four models with maximum press capacities up to 60 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

- **4.3-inch touch LCD screen** — directly displays the pressure tonnage on a compact touch LCD screen
- **Manual pressure-holding control** — pressure holding time under manual control; pressure stability ≤ 1 MPa / 10 min
- **Electric pressing with manual control** — electric pressurization and automatic pressure compensation, with manually controlled holding time and manual depressurization
- **Electric pressurization** — electric pressurization / gradual pressurization / automatic pressure compensation, with manual depressurization
- **Safety configurations** — 30 T and above: glass protective door + leakage protection + emergency stop switch; automatic pressure relief when the cylinder rises and touches the limit switch

SECTION III

Specifications

Technical data

Specifications	
Brand	PressPro™ by ACS Material
Models (SKU)	EPPIE20T · EPPIE30T · EPPIE40T · EPPIE60T
Series	EPPIE – Automatic Powder Press Machine
Available Maximum Capacities	20 / 30 / 40 / 60 T
Pressurization Method	Electric pressurization / gradual pressurization / automatic pressure compensation, manual depressurization
Control Interface	4.3-inch touch LCD screen
Configuration	Main machine, 1 unit; die molds optional and not included

Specifications				
Parameter	20 T	30 T	40 T	60 T
Model	EPIE20T	EPIE30T	EPIE40T	EPIE60T
Pressure Range	0.2–20 T / 0.1 t	0.3–30 T / 0.1 t	0.5–40 T / 0.1 t	0.5–60 T / 0.1 t
Piston Diameter	Ø95 mm	Ø110 mm	Ø130 mm	Ø150 mm
Max Piston Stroke	<30 mm	<40 mm	<50 mm	<50 mm
Control Interface	4.3-inch touch LCD screen			
Pressurization and Depressurization Method	Electric pressurization / gradual pressurization / automatic pressure compensation, manual depressurization			
Pressure Holding Time	Manual control			
Pressure Stability	≤1 MPa / 10 min			
Power Supply	220 V (50 Hz / 60 Hz)			
Maximum Power	400 W			
Hydraulic Cylinder Limit Protection	Automatic pressure relief when the cylinder rises and touches the limit switch			
Safety Configuration	Leakage protection + emergency stop switch	Glass protective door + leakage protection + emergency stop switch		
Table Diameter	Φ108 mm	Φ128 mm	Φ148 mm	Φ168 mm
Workspaces	W 80 × 150 mm	W 112 × 160 mm	W 145 × 180 mm	W 180 × 200 mm
Overall Dimensions	245 × 380 × 430 mm	300 × 360 × 450 mm	350 × 340 × 480 mm	370 × 355 × 550 mm
Weight	75 kg	100 kg	130 kg	185 kg

Scope of delivery

— Standard configuration: EPIE series main machine (automatic tablet press), 1 unit

— 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 laboratory tablet and pellet preparation. With specific molds, various powder samples are pressed into test pieces for scientific research, analysis and testing; the press can also be used as an ordinary press.

Product value: four models with maximum press capacities up to 60 T, a 4.3-inch touch LCD, electric pressurization and automatic pressure compensation, with manually controlled holding time and manual depressurization.

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