

LAB HYDRAULIC PRESSES

Professional Laboratory

Rubber & Plastics

Processing Equipment



Dongguan Amade Instruments Technology Co.,Ltd
Amade Technology (Hong Kong) Co.,Limited

Description

Lab Hydraulic Vulcanizing Press is also called a plate vulcanizer. It owns at least two platens can be heated to a prescribed high temperature used to mold the mixed rubber compound at a specified pressure for a given period of time for achieving the purpose of vulcanization. In addition, it can also be used to hot press or mold PP, PA, PE, ABS and other resins or mixtures for conducting color comparison, formula testing and related mechanical tests.

Main Technical Specifications

Model	AT-R7026 series
Load capacity	30t / 50t / 100t or customized
Pressure sensor	Japanese platinum resistance sensor
Pressure gradient	Pre-pressurization and boosting
Platen material	SKD mold steel
Platen surface treatment	Mirror chrome plating
Platen hardness	HRC60
Platen area	300 x 300 mm or customized
Parallelism	$\cong \pm 0.02\text{mm/m}$
Temperature range	Ambient temp.~ 300°C
Temperature accuracy	$\cong 2^\circ\text{C}$
Heating mode	Electrical heating
Cooling mode	Water circulation
Working areas	Upper layer for heating and the lower layer for cooling / Or both are integrated into one layer
Control mode	Manual / Auto
Controller	Microprocessor + buttons / PLC+touch screen
Dimensions	920 mm (W) x 500 mm (D) x 1450 mm (H)
Power supply	Three-phase, AC 380 V
Weight	Appr. 700 kg