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LAB CAST FILM MACHINE



General

Suitable for extrusion of all kinds of general plastics such as PE, PP, PS, PC, PET, ABS, PVC, etc.

This machine is equipped with the horizontal and vertical extruding casting cold roll can simulate single stretch film and sheet extrusion production process, etc. Can be used for thin film preparation and also can be used for thicker sheet. This machine is the best laboratory equipment of extruding forming film machine.

Specification

Single screw extruder

1. Output: About 3~6kg/h

2. Screw diameter: $\varnothing 20$
3. Length diameter ratio: 1: 25
4. Screw rotation speed: 0-150rpm frequency control
5. Electronic control system: PLC programmable 15-inch color LCD touch screen, man-machine interface operation system, extrusion process can be displayed and monitored dynamically, including interlocking control functions such as heating temperature control in each area, screw speed, melt pressure and switch stop.

Cast film die

1. Die shape: T hanger type
2. Adjust method of die lip: Upper lip manual-push flexible fine-tuning, lower die lip is overall structure

Casting unit

1. Roller material: 38CrMoAlA chromium-molybdenum steel , HRC60 chromium plating
2. Roller speed: 0~15rpm frequency control

Loop unit

1. Conveying roller: Multi-row film conveying roller combination
2. Winding roller: Rubber and steel roller pneumatic clamping combination
3. Winding speed: 0~15rpm frequency control

Electric control unit

Electronic control system: high-performance PLC programmable 15-inch color LCD touch screen, multi-screen display of man-machine interface, control all process parameters, such as temperature, traction, loop, number of revolutions, drive, pneumatic, brake and other interlocking joint control functions.