

Summary:

This Lab Blown Film Machine is used for blowing Low-density polyethylene (LDPE) and high-density polyethylene (HDPE) plastic film to make various vest bags and flat-rim bags which have been widely used for packing in the food industry, garment industry and textile industry, etc.

Both the cylinder and the screw of the extruder are made of high quality alloy steel through nitration and precision finishing with the best hardness and corrosion resistance. Scientifically designed, this machine set has two heads for one extruder with such advantages as increasing production capacity, saving energy, labour and workshop area, etc.

Product Application

- 1) Application: PE, modified PP, modified PET, and other plastic materials which could be blown;
- 2) New material formula development;
- 3) Film blowing property test;
- 4) Master batch color dispersion test;
- 5) Optimization of blown film production technology;
- 6) Production of simple layer tubular film blowing.

Main Features

- 1) Specially manufactured screw and barrel to guarantee precision and quality;
- 2) International brand variable speed control motor to precisely control the screw rotating speed;
- 3) The blown film frame can be electrically lifted, which is easy to lead the film and adjust the production technology;
- 4) Equipped with retractable unit for the blown film frame to easily transport and move;
- 5) SIEMENS touching screen PLC control system;
- 6) Equipped with magnetic powder clutch to achieve constant tension winding;
- 7) Emergency stop device and other safety devices to ensure the safety of the operator;

Main Specifications:

NEWGOER FILM BLOWING MACHINE	
Screw diameter	25mm
Screw L/D	33:1
Screw rotating speed	0-95 rpm
Main motor power	2.2KW
Die diameter	40mm
Film thickness	0.03-0.1mm
Max film width	180mm or customized
Max. working temperature	0 - 350
Temp. control accuracy	±1
Working voltage	380V/50Hz/3 phases or customerized
Control system	SIEMENS PLC touching screen control