

Mesin Pembuat Biji Plastik PET



Specification

Model	150	300	500
Raw Materials	Clean and dry PET Hard Flakes		
Final Products	PET Pellets		
Design Capacity	150 Kg/h	300 Kg/h	500 Kg/h
	(Depending on the rate of melt flow, density of material, formulation and production technology in details.)		
Main Feeder	Single Screw		
Main Extruder	Twin Screw		
Screw Rotating Speed	50-500rpm	50-600rpm	50-600rpm
Screw Diameter	Ø62.4mm	Ø 71mm	Ø 71mm
L/D	40: 1		
Screw Material	High speed tool steel W6Mo5Cr4V2, wear-resistant, vacuum quenching treated.		
Gear Material	Made of alloy 17CrNi2MoA, nitriding and quenching treatment, HRC 58-62.		
Shaft Material	High strength alloy 40CrNiMo, tempering treatment, HB300-350.		
Screen changer material	Double press screen changer, nitrided steel 38CrMoAl, HV950-1050		
Barrel material	bi-metallic wear-resistant material, alloy bush α -101(Fe-Cr-Ni-Carbide)HRC66.		
Barrel Heating/Cooling	Electrical heater / Water cooling (with stainless steel water pipe: Made in Netherland JORC solenoid valve).		
The temperature control precision	$\pm 2^{\circ}\text{C}$		
Controllable temperature range	0~400 $^{\circ}\text{C}$		
Accumulator	10L		
Max working pressure of oil system	16Mpa		
Power Dryer	2.2kW	3kW	3kW
Main Feeder	1.5kW / 3kW (with Rexroth inverter)		
Main Extruder	75kW	132kW	250kW
	(SIEMENS with Rexroth inverter)		
Vacuum Pump	3kW		
Water Pump	0.55kW		
Hydraulic Pump	1.5kW		
Drying Blower	2.2kW	3kW	3kW
Planer Pelletizer	5.5kW	5.5kW	7.5kW
	(Speed regulated by frequency/inverter control)		
	Water Cooling tank length:		
Dimension	4000mm	6000mm	6000mm
	(Stainless steel material)		
Overall Dimension	Tba		
Equipped with	Electric control cabinet, spare part & free installation		

Note :

Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!