



RPET Pelletizing Line

China has banned importing waste PET from 2018. It will have a significant impact on RPET industry in the world. BoReTech believe that renewable resource applications by indigenization is the most environmentally friendly way and maximize business value due to China ban RPET import.

Making RPET Chips is an excellent choice, but RPET chips are different from RPET flakes which can't be process secondary. Therefore, how to manufacture good stable quality chips is very import. BoReTech is your best partner which supply high performance and good quality RPET chips pelletizing line.

Process Flow Chart

Vacuum Feeding → Magnetic Separating → Drying System → Vacuum Feeding →
Metal Separating → Volumetric Feeding → Single/Twin-Screw Compounding →
Melt Filtration → Die Head → Cooling → Underwater Pelletizing →
Drying → Classification → Packing



Estimated Plant Parameters

		ZL-400	ZL-600	ZL-1000
Capacity	kg/h	300~500	500~700	800~1100
Required Area	m	50x5x7	50x5x7	50x5x7
Motor Installed Power	kW	192	285	439
Electrical Heating Installed Power	kW	108	161	214
Compressed Air	m ³ /min	0.5	0.5	0.5
Manpower	Nos.	2	2	2

Production Consumption Table

Average Consumption per ton Pellets		ZL-400	ZL-600	ZL-1000
Capacity	kg/h	300~500	500~700	800~1100
Process Industril Water	ton	0.2	0.2	0.2
Electric Power	KWH	~375	~345	~320

Quality of Final Product

Viscosity	dL/g	>0.68
Value L		>70
Value B		<5
Moisture Content	%	<1

Applications

