

75/38 Extruder & 250 Vacuum Tank

75/38 Extruder:

1. Extruder BRD75PLUS5, with a 38:1 high efficiency barrel screw. The newly high ratio screw can improve plasticizing efficiency, quality and melt uniformity. It is able to increase extrusion capacity to 600-650kg/h with a 160kw motor.

2. Accurate heating and cooling system

The heating device is adopted by ceramics material with Thermal insulation cotton, it will improve the efficiency of heating, and decrease the power lose, it will be more efficient and energy, can save 10-15% energy. This is Beier unique design to get accurate temperature control, it works very well on both heating and cooling process

3. Low noise transmission system

Beier Reduction gear box is adopted the Germany Flender brand, more efficiency model from famous brand in China. Beside it, it can provide higher torque without size increasing.

4. Intelligent control system

This line is configured with intelligent remote control system, remote monitoring of production line operation, output, energy consumption and other data. And can generate data report and export, also can realize the whole extrusion workshop intelligent control and cloud.

250 vacuum tank 9M

The vacuum tank adopts SUS304 paint free process, environmental protection low carbon. Customers use longer and more durable. Vacuum pump adopts frequency conversion closed loop control, can save about 60%

energy. The plastic filter can effectively filter out the impurities in the circulating water and maintain for a longer time.

SJ150/34 European Efficient Compaction Pelletizing Line

SJ150/34 intelligent extruder, equipped with German Nordson screen changer and one-button start-up electrical system, displays key parameters in real time, more convenient and quickly operation ,more beautiful appearance .The TLJ series European efficient compaction machine is best solution for film recycling and pelletizing, it will adjust the raw material stacking density in order to pelletizing in following process.

TLJ is made of stainless steel, imported alloy blade, the blade plate is electroplating process treatment, can be feed plastic film which thickness less than 0.2mm, dimension less than 600 square meter directly. The crushing and agglomeration are processed simultaneously. this design will save investment and energy consumption for the client. Also effectively increased the capacity to 200-300 KG/HR.

AI-ROBOT AUTOMATIC SORTING ROBOT (running)

The new AI-ROBOT AUTOMATIC SORTING robot intelligent sorting system is based on the powerful robot research and development team jointly established by China and Europe. After years of exploration and repeated practice, invent the China's first flexible robot sorting equipment. Focus on the online sorting and recycling of waste plastics, realize the automation of color and variety of PET bottles, PP bottles, cans, waste paper, foam boards, plastic films, etc..Intelligent, flexible and automatic sorting, thus solving employment puzzle under the harsh environment , 24 hours of uninterrupted and efficient work, greatly reducing labor costs.