



EPS Foam Block Melting Recycling Machine

Model:RGP-HM200

This high quality PACKER® EPS Foam Block Melting Recycling Machine is High-performance, space saving, easy to transport the finished produce. The operation is pollution-free, can protect the environment, and avoid the secondary pollution. Complete reuse the waste plastic and create interest.

Product Introduction

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In recent years, Recycling of waste plastic regeneration in the ascendant. The EPS's Wide use in the packaging industry, but it is bulky and difficult to transport. With the tenet of reducing the pollution caused by waste plastic and improving human being's living environments, with the difficulties of no domestic standard and reference data and focusing on the diversity and specialty of waste plastics, PACKER Machinery developed the new style waste EPS hot melting compactor successfully and formed her own feature in the field of waste EPS EPP EPE XPS PUR EVA recycling, after numerous and continuous tests and researches. In order to avoid the secondary pollution to the water and environments made by the recycling machines, Packer Machinery organized research personnel again to solve this technical problem and realized the upgrade of the waste plastic recycling machines with the guiding ideology of reducing secondary pollution. This EPS Foam Block Melting Recycling Machine is High-performance, space saving, easy to transport the finished produce. The operation is pollution-free, can protect the environment, and avoid the secondary pollution. Complete reuse the waste plastic and create interest.

With our rich experience and considerate services, we have been recognized as a reliable supplier for many international buyers for Factory making China Plastic EPS Foam Block Melting Recycling Machine, Our tenet is "Reasonable costs, successful manufacturing time and finest service" We hope to cooperate with much more customers for mutual growth and rewards. Factory making China PACKER® EPS Foam Block Melting Recycling Machine Manufacturer, [Plastic Crusher](#), We'll supply much better items with diversified designs and specialist services. We sincerely welcome friends from over the world to visit our company and cooperate with us on the basis of long-term and mutual benefits.

Working Principle

The PACKER® EPS Foam Block Melting Recycling Machine RGP-HM200 use two shaft crushing blades, two parallel blade shafts symmetrically fixed with blade , the blade on the two blade shafts is dislocation arrangement, and the blade of each shaft is evenly arranged in the axis of the knife with arithmetic point of view in the same direction. The first blade and the last blade of each shaft has a 90°angle.

When the two shaft crushing blades are working, two parallel blade shafts with different rotation direction begin to rotate, form a wave down the grip, so that the material constant downward movement, after going through the cutting blade, and broken into smaller blocks of matter .





The two shaft crushing blades in the EPS hot melting machine can

broke the EPS material into small blacks and go through the screen. The material that can't go through the screen will be crushed again, and finally go through the screen. The material will be sent by the high speed rotary screw to the heating barrel. The screw of the main machine can convey and heat the material to melt condition, then extrude them and hydraulic blade cut them to pieces for easy storage and transportation.



Applications and place to use:

Rugao Packer Machinery Co.,LTD.
TEL:+86-18651137702

E-mail:sophia@packermachinery.cn

This machine can process multiple materials such as EPS EPP EPE XPS PUR EVA into small hot melted blocks. It is middle capacity one for 100kg/h, especially used in middle to large sized recycling center, food market.

Model	RGP-HM-200
Screw diameter	φ197 mm
Screw distance	150 mm
Screw speed	110 r/min
Capacity	100~120Kg/h
Screen hole diameter	40mm
Extrusion center height	326 mm
Motor power	15KW
Heating power	3 zones total 10kw
Crusher motor power	2.2kwx2
Crusher blades quantity	Twin screw 9sets+10sets
Crusher rotation speed	100r/m
Size L×W×H	2800×1580×1950
Weight	1400 Kg