

EPS Recycling System for Polystyrene Waste

The EPS Recycling System efficiently recycles expanded polystyrene (EPS) waste. It reduces waste volume and creates valuable recycled materials through shredding, conveying, and densifying.



ADDITIONAL IMAGES



System Overview

Integrated EPS Recycling Solution

This comprehensive EPS recycling system is engineered to transform polystyrene waste into reusable material. The process integrates crushing, de-dusting, and mixing stages to ensure high-quality output. By converting scraps back into granules, the system allows for the seamless reintroduction of recycled material into production lines for both shape and block molding machines.

System Components

Process Stages

- Crushing (shredding EPS waste into granules)
- De-dusting (sieving and dust removal)
- Mixing (blending recycled material with virgin material)

Compatible Molding Machines

Shape Molding Machines, Block Molding Machines

Operational Features

Key Capabilities

Volume Reduction • Integrated Dust Collection • Material Re-purposing