

Automatic Tire Recycling Machine

Tyre processing line | Recycling line



Product description

The automatic tyre processing line separates whole or pre-shredded tyres into their three valuable fractions: rubber crumb, steel wire and nylon/textile. The recovered rubber crumb is used for sports field surfacing, as an asphalt additive or as a raw material for remanufactured rubber goods. The line complies with the EU ban on landfilling tyres.

Key technical features

Parameter	Value
Processable material	Car and truck tyres (whole or pre-shredded)
Output 1	Rubber crumb (0–5 mm, adjustable)
Output 2	Steel wire (direct sale)
Output 3	Nylon/textile fraction
Separation principle	Magnetic (steel) + air-flow (nylon) separation
Supply voltage	380 V / 50 Hz

Applications

- Processing of waste tyres from car dismantlers and tyre fitters
- Rubber crumb production for sports field and road construction use
- Steel wire recovery and sale
- Fulfilling EU tyre management obligations