



RELIABILITY



HIGH DEGREE
OF AUTOMATION



VERSATILE



LOW OPERATING COSTS



LOW ENVIRONMENTAL
IMPACT



— CUSTOM

WIRES

TREATMENT PLANT

TURNKEY



SMART SOLUTIONS TO PRESERVE THE ENVIRONMENT

TAILOR-MADE SOLUTIONS

The FOR REC plant for the treatment of electrical wires is a system that consists of several shredding and granulation steps to transform a complex product into 99.7 percent clean and pure material. A pneumatic conveying system allows the fractions resulting from the process to be conveyed to one point, limiting the internal logistics of plant users. The FOR REC system provides capacities ranging from 500 kg to 12 tons/h.



TB 1000

OUTPUT

SHREDDER

TB double-shaft shredders (TB) are perfectly suited to treatments that require volumetric reduction with partial control of the output particle size. Working without a screen, they can process high material flows. The unique and innovative design of the cutting chamber allows fast removal and replacement of shafts complete with blades, drastically reducing maintenance time.



AE 1200

OUTPUT

SINGLE-SHAFT GRINDER

The AE grinder is a compact and durable machine for grinding electrical wires. The machine provides precise granulation and prepares the material for subsequent operations. Large single-shaft technology finds application in the simplicity of a small machine designed to be able to obtain a calibrated size due to the screen that defines the size of the output product.



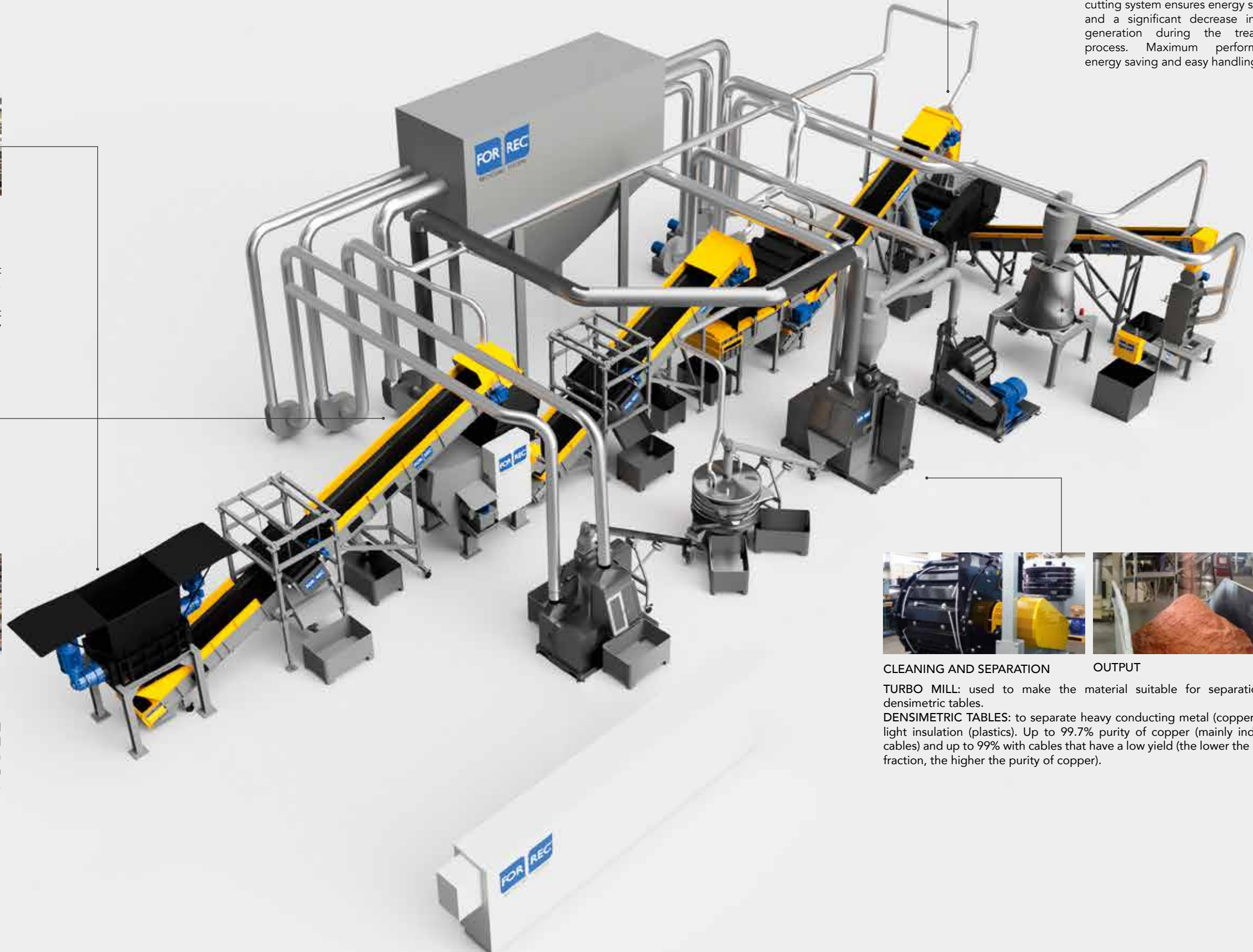
OUTPUT



FMS

GRANULATOR

Rotating blade granulators are designed for grinding and reducing electrical wires. The use of special steels for component construction also makes them ideal for processing more difficult materials. The special cutting system ensures energy savings and a significant decrease in dust generation during the treatment process. Maximum performance, energy saving and easy handling.



CLEANING AND SEPARATION



OUTPUT

TURBO MILL: used to make the material suitable for separation on densimetric tables.
DENSIMETRIC TABLES: to separate heavy conducting metal (copper) from light insulation (plastics). Up to 99.7% purity of copper (mainly industrial cables) and up to 99% with cables that have a low yield (the lower the plastic fraction, the higher the purity of copper).

All systems made by FOR REC are modular and implementable according to specific customer needs.



SCAN ME!
DISCOVER OUR PRODUCTS

