

CABLE GRANULATOR

MACHTEK RECO 200

Industrial cable recycling granulator with automatic dry separation



The MACHTEK RECO 200 is a compact industrial cable granulator designed for recycling copper and aluminium cables. It shreds cables and separates metal from insulation, producing clean metal granulate ready for sale or smelting. Processes power cables, automotive wiring, telecom cables, and computer harnesses.

KEY ADVANTAGES

- Industrial throughput up to 300 kg/h
- Metal purity up to 99.9%
- Processes various cable types
- Compact all-in-one design
- Automatic dry separation
- European service & spare parts

SUITABLE MATERIALS

- Power cables (Cu & Al)
- Automotive wiring harnesses
- Communication cables
- Computer cables
- PVC / PE / XLPE insulation
- Rubber-sheathed cables

TECHNICAL SPECIFICATIONS

Model	MACHTEK RECO 200
Capacity	150 – 300 kg/h (depending on cable type)
Total installed power	28 kW
Voltage	400 V, 50 Hz, 3-phase

Separation method	Vibro-pneumatic gravity table
Metal purity	up to 99.9%
Granulate size	3 – 5 mm
Max wire diameter	4.5 mm
Hopper opening	190 × 410 mm
Dimensions (L × W × H)	4400 × 2700 × 2450 mm

RECYCLING PROCESS

01

SHREDDING

Cables are fed into the granulator where rotating knives shred them into a mixture of metal, plastic, rubber, fibres, and dust.

02

PRE-SEPARATION

Shredded material is transported pneumatically to a cyclone separator. Airflow removes lightweight fractions: dust, fibres, and fine plastic particles.

03

METAL SEPARATION

On the vibro-pneumatic gravity table, heavier copper granulate moves upward while lighter plastic moves downward — producing clean metal at 99.9% purity.

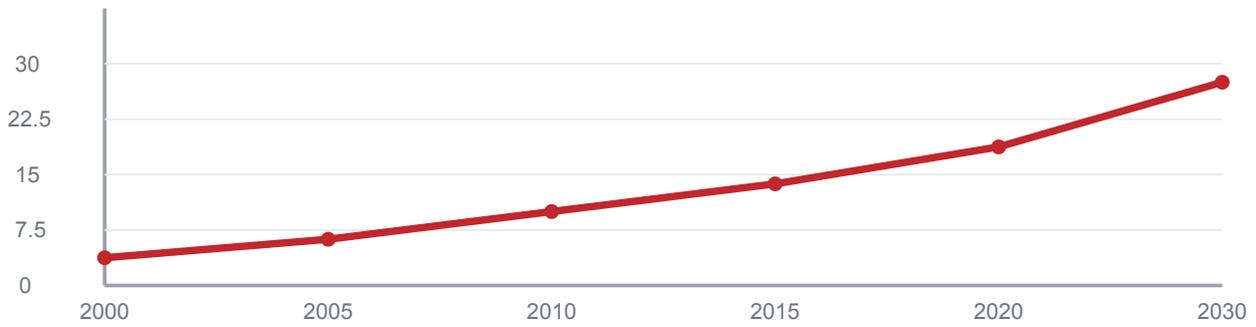
COMPLETE RECYCLING LINE



MACHTEK cable recycling line: ECO 250 Pre-Shredder + RECO 200 Granulator + Separation System

GROWING COPPER MARKET

Global Copper Demand (Mt)



Source: International Copper Study Group

Global copper demand is increasing year on year, making cable recycling a highly profitable industry. **1 tonne of scrap cables can contain 40–60% copper** — with the MACHTEK RECO 200, this metal is recovered as clean granulate ready for direct sale or smelting. Recycling reduces environmental impact while generating strong returns.

99.9%

METAL PURITY

300

KG/H CAPACITY



EUROPEAN SERVICE

Fast technical support & on-site service across Europe



SPARE PARTS

Full stock of knives, screens, bearings, belts & wear parts



CONSULTATION

We help you choose the right machine for your operation

Interested? Contact us for a quote.

We help you choose the right granulator for your cable recycling needs.

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