

The best of CABLE RECYCLING

- Minimal loss of metals.
- Recycling solutions for all kinds of cable.
- Capacities up to 10 000 kg/h or higher.

Cable recycling plants and machines

ELDAN Recycling and REDOMA Recycling form ELDAN Group - a leading global supplier of equipment for profitable recycling. REDOMA offers small and medium-sized cable recycling plants from 150 kg/h up to 1 300 kg/h while ELDAN focuses on high capacity recycling solutions from 2 000 kg/h up to 10 000 kg/h (for all kind of cable).

The standard ELDAN setup includes a Rasper, a Granulator, and a Separation Table – we have standard plants with capacities ranging from 200 - 5 000 kg/production hour. This is also the starting point when plants are tailored to suit specific customer requirements or when upgrading existing cable recycling plants.

Proven technology

ELDAN equipment is designed to meet market requirements, thus the individual machines can easily be adjusted to various types of dry cables such as hair-wire, harness wire, communication wire, installation wire, power cables, aluminium wire, copper wire, mixed household wire, etc. We also offer solutions for processing greasy underground cables and jelly filled cables.

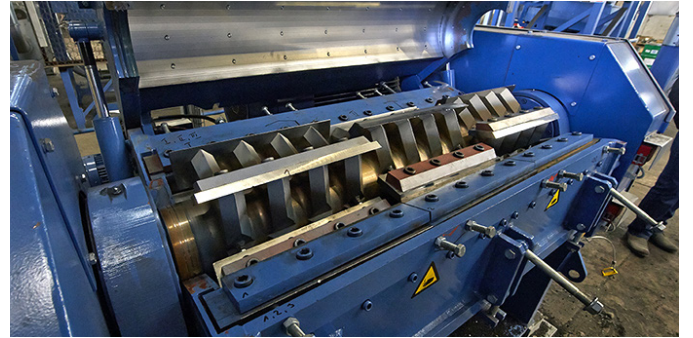
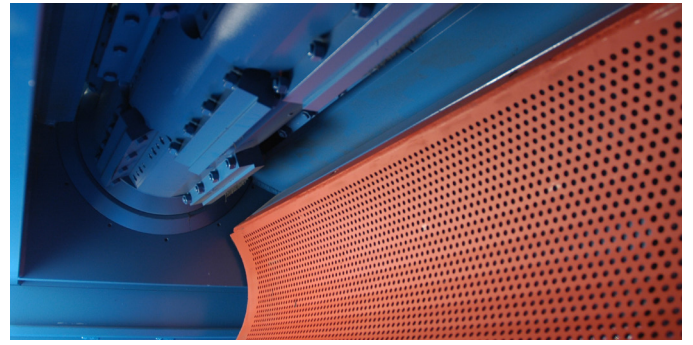
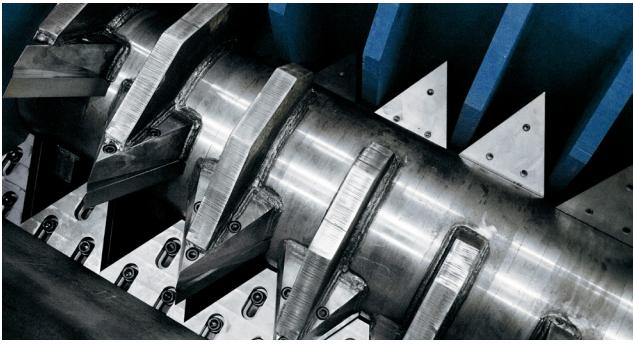
Benefits

- Extensive experience since 1956
- Recycling solutions for all kinds of cable - capacities up to 10 000 kg/h or higher
- Superior solutions for recycling of cables with low copper content (<38 %)
- High performance
- Low processing costs, power consumption, and maintenance costs
- Minimum loss of metals
- Minimum 99,5 % metal purity
- The plants/machines are based on ambient mechanical technique for size reduction and separation. No melting or chemical treatment is required
- All ELDAN systems are tailored to suit your requirements and facilities



1. Multi Purpose Rasper. This machine is an effective, medium-speed, dual drive Rasper designed for cable recycling. It ensures individual size reduction down to approx. 15-25 mm fraction sizes.

2. Overband magnet. An overband magnet for removing ferrous parts from shredded cable fraction after Multi Purpose Rasper.



Layout example: E3000C

3. Fine Granulator. A high-speed, single shaft Fine Granulator for final granulation stage and opening of the cables. Fraction sizes typically between 3-8 mm granulate.

4. Separation Table. For the final separation of material into a <99,5 % clean metal fraction .

Optional modules for specific customer requirements

Super Chopper

A powerful, low-speed, single or dual shaft Chopper used for pre-chopping the cables to reduce the material size and to increase the capacity of the cable recycling plant.

Classifier

For recovery of metals remaining in the plastic fraction. Reduces the metal loss to as little as 1 % or less.

Water Separation Table

For recovery of metals remaining in the plastic fraction. Reduces the metal loss to as little as 0,2%. It can also increase the capacity of the entire cable recycling plant.

Cable Strippers

Can process cable with an diameter of 10-150 mm at 30 m/minute. They are rugged and reliable, yet easy and inexpensive to maintain. Safe and easy to operate.

Separation of Al & Cu granules

Dry processing based on an additional separation table in a closed loop. Metal purity for will be Cu 99 % or higher and for Al it will be 98 % or higher.

Turbo Mill system

For cleaning of plastic and recovery of metal fines. Offered as a complete system including pneumatic material transport and separation table.



Super Chopper

Ensure reduced downtime!

- The **ELDAN Service Department** offers ad hoc service on existing as well as new equipment through our trained and experienced service engineers and supervisors.
- The flexible service contracts ensure planned, preventive maintenance of your production line.
- The **ELDAN After Sales Department** constantly holds an extensive stock of spare and wear parts.
- Tailored spare parts contracts ensure that parts are available for immediate call off.
- Contact one of our spare and wear part coordinators, and we will supply the best possible solution for you and your company.

We are your reliable partners!

Service: service@eldan-recycling.com

After Sales: aftersales@eldan-recycling.com

