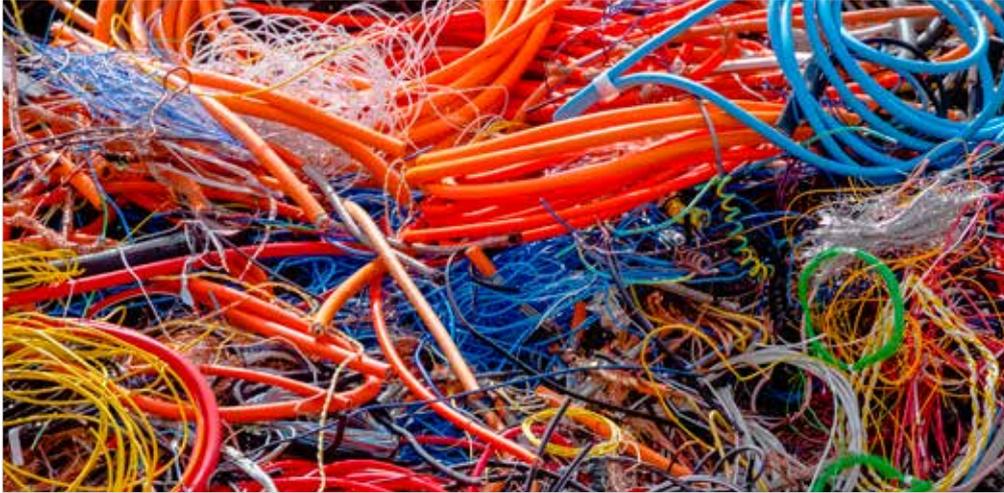


The best of cable recycling

Extensive experience - more than 60 years. Minimal loss of metals.

Recycling solutions for all kinds of cable - capacities up to 10000 kg/h.



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 2000 kg/h while ELDAN focuses on high capacity recycling solutions from 2000 kg/h up to 10000 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 200-4000 kgs/production hour. This is also the starting point when plants are tailored to suit specific customer requirements.

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. Solutions for processing of greasy underground cables and jelly filled cables are also available.

Benefits

- ▶ Extensive experience - more than 60 years
- ▶ Recycling solutions for all kinds of cable - capacities up to 10000 kg/h
- ▶ Superior solutions for recycling of cables with low copper content (<40%)
- ▶ 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

We guarantee plant capacity and output product quality.



1. ELDAN 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.

3. ELDAN 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. ELDAN Separation Table. For the final separation of material into a 99,5% (or better) clean metal fraction.

Optional modules for specific customer requirements

ELDAN Super Chopper

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



ELDAN Super Chopper

ELDAN Classifier

For recovery of the metals remaining in the plastic fraction. Reduction of the metal losses down to as little as 1%. Input capacities up to 2,5 ton/h.

ELDAN Water Separation Table

For recovery of the metals remaining in the plastic fraction. Reduction of metal losses down to as little as 0,2%. Also enabling an increase of the capacity of the entire plant. Input capacity up to 1,5 ton/h.

ELDAN Cable Strippers

The Cable Strippers can process cable with an diameter of 10-150 mm at 30 meters per minute. They are rugged and reliable, yet easy and inexpensive to maintain. Safe and easy to operate.

Electrostatic Separation Systems

For recovery of metals remaining in the plastic fraction by using electrical charge. Metal particles less than 0.1 mm can be separated. Purity of metals and plastics up to 99,9%. Input capacity up to 1,35 ton/h.

Technology for separation of Al and Cu granules

Dry processing based on extra separation table in closed loop. Metal purity of Cu 99% or higher and Al 98% or higher.

Ensure reduced downtime!

- ▶ The ELDAN After Sales Division offer ad hoc service on existing as well as new equipment through our trained and experienced service engineers and supervisors
- ▶ ELDAN constantly holds an extensive stock of spare and wear parts
- ▶ The flexible service contracts ensure planned, preventive maintenance of your production line
- ▶ Tailored 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 your company

The ELDAN After Sales Division is your reliable partner!

