

# 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

REDOMA Recycling & ELDAN 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 1300 kg/h while ELDAN focuses on high capacity recycling solutions from 2000 kg/h up to 10000 kg/h (for all kind of cable).

REDOMA offer traditionally three types of cable recycling lines; Thunderhawk, Powerkat and Firefox. The standard setup includes a Rough Chopper, a Granulator and a Separator. All machines can be used as single machines or be integrated in different recycling plants for similar applications.

## Proven technology

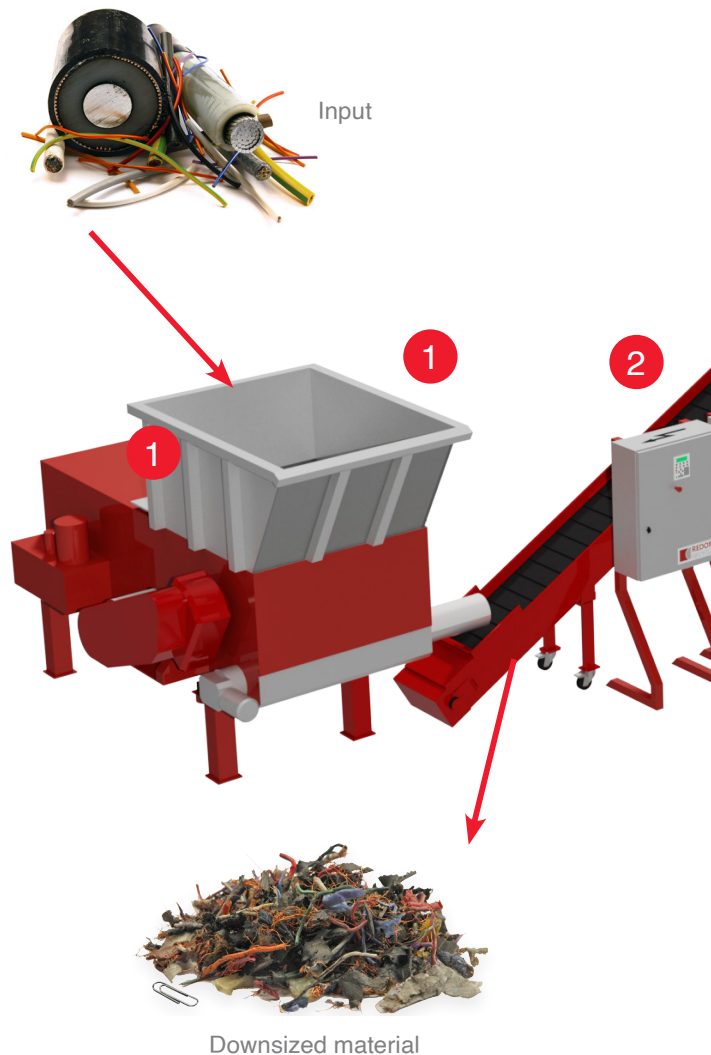
REDOMA cable recycling lines have a modular design for maximum flexibility and are tailored to suit specific requirements and facilities. Built for tough working conditions Redoma plants provide a perfect solution for every customer.



*Read about Redoma here!*

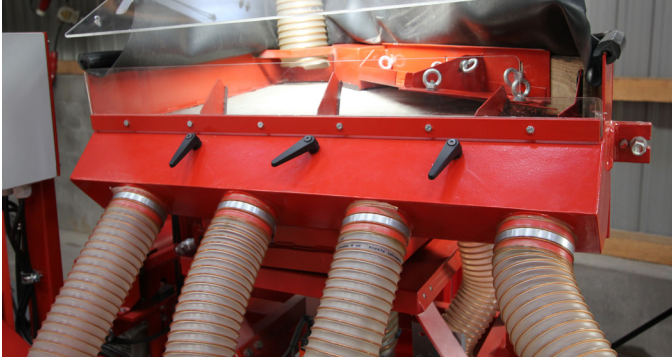
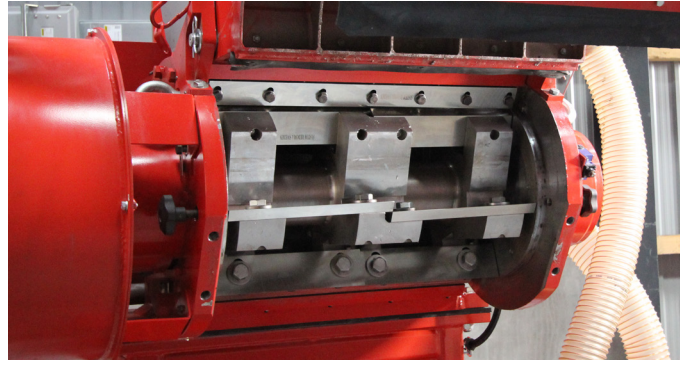
## Benefits

- The largest manufacturer of cable recycling equipment in the world.
- Excellent price/performance ratio.
- Low investment costs.
- Overall low cost of ownership.
- High performance.
- Minimum loss of metals.
- Metal purity up to 99,9 %.
- Plants/machines are based on ambient mechanical technique for size reduction and separation, no melting or chemical treatment is required.
- Separation table with middling fraction - ensuring increased capacity.



## Layout example: Powerkat B

1. **Rough Chopper.** Single shaft pre-chopper ensuring size reduction down to approx. 10-25 mm in fraction sizes.
2. **Belt conveyor.** Belt conveyor with drum magnet for steel removal.
3. **Buffer Silo.** Buffer Silo with variable speed screw conveyor balances the output from the Rough Chopper into the Granulator.
4. **Granulator.** High-speed, single shaft Granulator for final granulation stage, releasing insulation from conductor. Fraction sizes typically between 3-8 mm granules.
5. **Separator.** Gravity air separator with returning middling fraction. Final separation into metals and insulation. Minimum 99,5% metal purity.





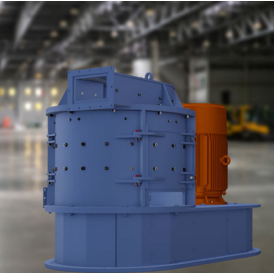
## Options for specific customer requirements



**The Water Separation Table** recovers metals remaining in the plastic fraction. Reduces metal losses down to as little as 0,2 %.



**The Classifier** is perfect for recovery of metals remaining in the plastic fraction. Reduction of metal losses down to 2,0 %.



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



**The Cable Strippers** peel cables with a diameter from 10-150 mm. Capacity up to 30 meter/minute.



← Read about Redoma here!



← Read about Eldan here!

### Ensure reduced downtime!

- The REDOMA/ELDAN After Sales Division (ASD) offer ad hoc service on existing as well as new equipment through our trained and experienced service engineers and supervisors.
- We constantly hold 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 you and your company.

### We are your reliable partner!

Service: [service@eldan-recycling.com](mailto:service@eldan-recycling.com)

After Sales: [aftersales@eldan-recycling.com](mailto:aftersales@eldan-recycling.com)

