



The best of cable recycling



Eldan cable recycling plants and machines

The standard 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

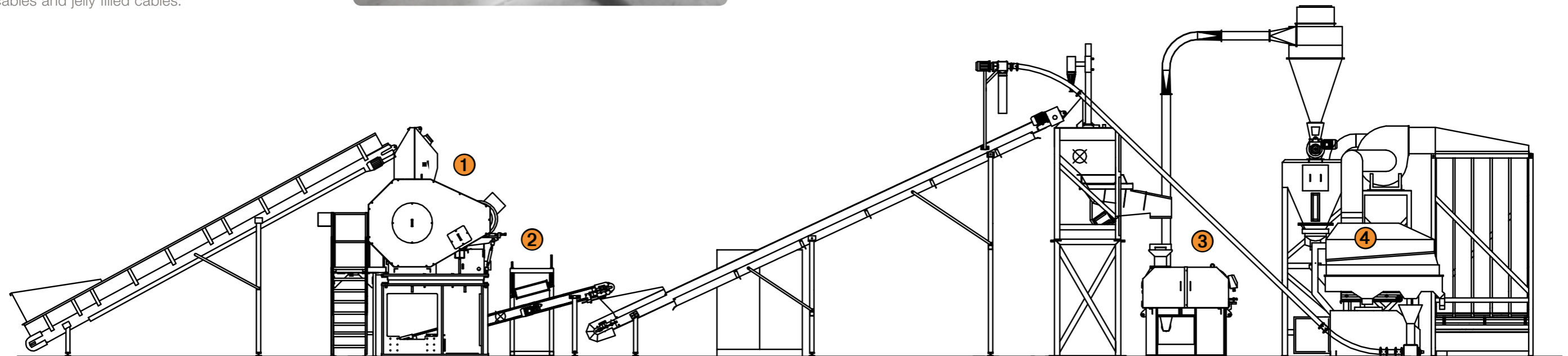
Eldan equipment is designed to meet market requirements, thus the individual machines can easily be adjusted to various types of dry cables such as hair-wire, harness wire, communication wire, installation wire, power cables, aluminium wire, copper wire, mixed household wire.

We also have plants for processing of greasy underground cables and jelly filled cables.



Features

- High performance
- Low processing costs
- Low power consumption
- Low maintenance costs
- Minimum loss of metals
- Minimum 99,5% metal purity
- Eldan plants/machines are based on ambient mechanical technique for size reduction and separation, no melting or chemical treatment is required
- Eldan plants 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 of ferrous parts from shredded cable fraction after Multi Purpose Rasper.

3. Fine-Granulator

A high-speed, single shaft Fine-Granulator for final granulation stage and opening of the cables. Fraction sizes typically between 4-7 mm granulate.

4. Separation Table

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



Input material



Downsized material



Organic/insulation granules



Aluminium granules



Copper granules

After sales service ensure reduced downtime:

The Eldan After Sales Division is your reliable partner!

- The 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



Optional modules for specific customer requirements

Super Chopper

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

Classifier PC12

For recovery of the metals remaining in the plastic fraction. Reduction of the metal losses down to as little as 1%.

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.

Cable Strippers for stripping of cables

- They are rugged and reliable
- They are safe and easy to operate
- They are easy and inexpensive to maintain
- Cable diameters from 10-150 mm
- Capacity: 30 meters per minute

