



The best of SLF recycling



Eldan SLF recycling plants and machines

Other names for SLF are:

- ASR (Automobile Shredder Residue)
- Auto fluff or just fluff

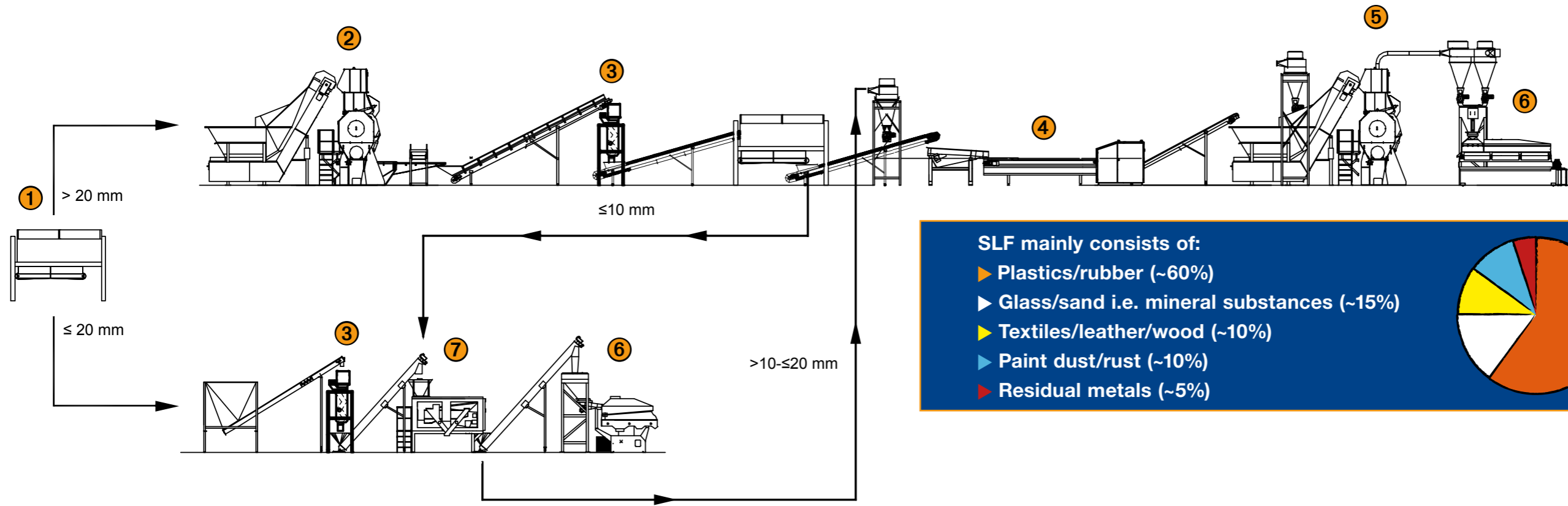
For further processing of the SLF material (Shredder Light Fraction) originating from ELV-plants (End of Life Vehicle), Eldan is able to offer various standard recycling plants. These standard plants are also the starting point when plants are customized to suit specific customer requirements.

The flexibility of the modular approach means that a number of combinations can be obtained, ranging from a single machine to complete systems. The Eldan plants are designed for automatic processing, i.e. minimum staff is required for surveillance only.

The aspiration system can be designed to absorb the large amount of material – e.g. textile, foam and other organic light material – through the pneumatic transportation system and into the cyclone/filter.

Features

- High performance
- Low processing costs
- Low power consumption
- Low maintenance costs
- Metal fraction suitable for selling
- Minimum loss of metals
- Ambient mechanical technique
- for size reduction and separation
- Eldan plants are tailored to suit your requirements and facilities
- Flexibility to produce different output fractions



1. Screener

The Screener is dividing the input material into two fraction sizes (0-20 mm and >20mm).

2. Heavy Granulator with Drum Pusher

A high-speed, single shaft Heavy Granulator equipped with drum pusher to assist feeding material to the rotor. The Heavy Granulator ensures size reduction down to a size of max. 40 mm.

3. Zig-Zag Separator

The Zig-Zag Separators separate the light material from the heavy material.

4. Metal Detector

The Metal Detector sorts out all metals (non-ferrous and ferrous) from the input material. The remaining drop fractions continues in the line.

5. Heavy Granulator

A high-speed, single shaft Heavy Granulator for final granulation of oversize material down to a max. size of 10 mm.

6. Separation Table

The Separation Tables are used for separation of the mixed fraction into an organic (plastic) fraction and a mixed metal fraction.

7. Aspirator UP

The Aspirator UP screens the material below 20 mm and divide it into e.g. three fractions (0-3 mm, 3-10 mm and 10-20 mm).



Input material



Ferrous metals



Metals, cables and wires



Fluff/organic fraction

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:

Ring Shredder

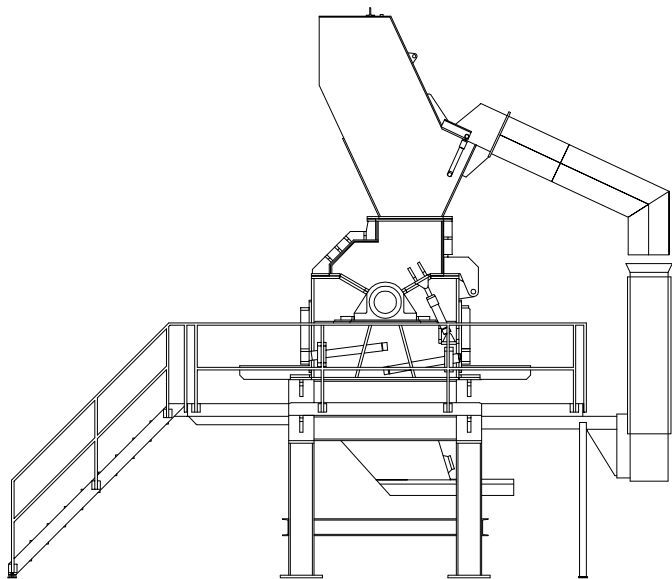
Use the Ring Shredder (pictured right) for input of more heavy material fractions – partly to size reduce the input and partly to increase the capacity of the SLF recycling plant.

Separation of plastic qualities

Eldan is able to offer a solution for PVC plastic (containing chlorine) and brominated flame retardant plastic from other plastic qualities.

Granulation and separation of wires/cables

Eldan is able to offer a solution to granulate and separate metals from plastic insulation.



————— *First choice in recycling equipment* —————