

## HOW TO RECOVER IRON AND METALS FROM THE

# CAR FLUFF



## DECCA IMPIANTI

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### WHAT IS THE CAR FLUFF?

The car fluff is a waste from the demolition of motor vehicles.

Each year in Europe, between nine and ten million tonnes of waste are produced after the demolition of vehicles. It is obvious that the disposal of such waste represents a considerable problem in both quantitative and qualitative terms. The car fluff consists of a mixture of ferrous and non-ferrous metals, plastic, rubber, glass, textiles, paper and cardboard, paints. It represents about 25-30% of the total weight of the entire vehicle, a high percentage that until now was not intercepted from the recycling chain because of high costs and lack of appropriate technologies. Thanks to our innovative system the car fluff recycling chain continues: only a part of waste is destined for landfill while all the iron and non-ferrous metals contained in it are retrieved for the reuse by steelworks or by companies that can deal with such material.

### A VALUABLE RESOURCE

The fractions retrieved by our plant are:

1. pure ferrous material (fine size)
2. waste magnetic material (fine size)
3. inert material (fine size)
4. non-ferrous metals (fine size)
5. pure ferrous material (medium size)
6. inert material (medium size)
7. non-ferrous metals (medium size)
8. pure ferrous material (large size)
9. inert material (large size)
10. non-ferrous metals (large size)

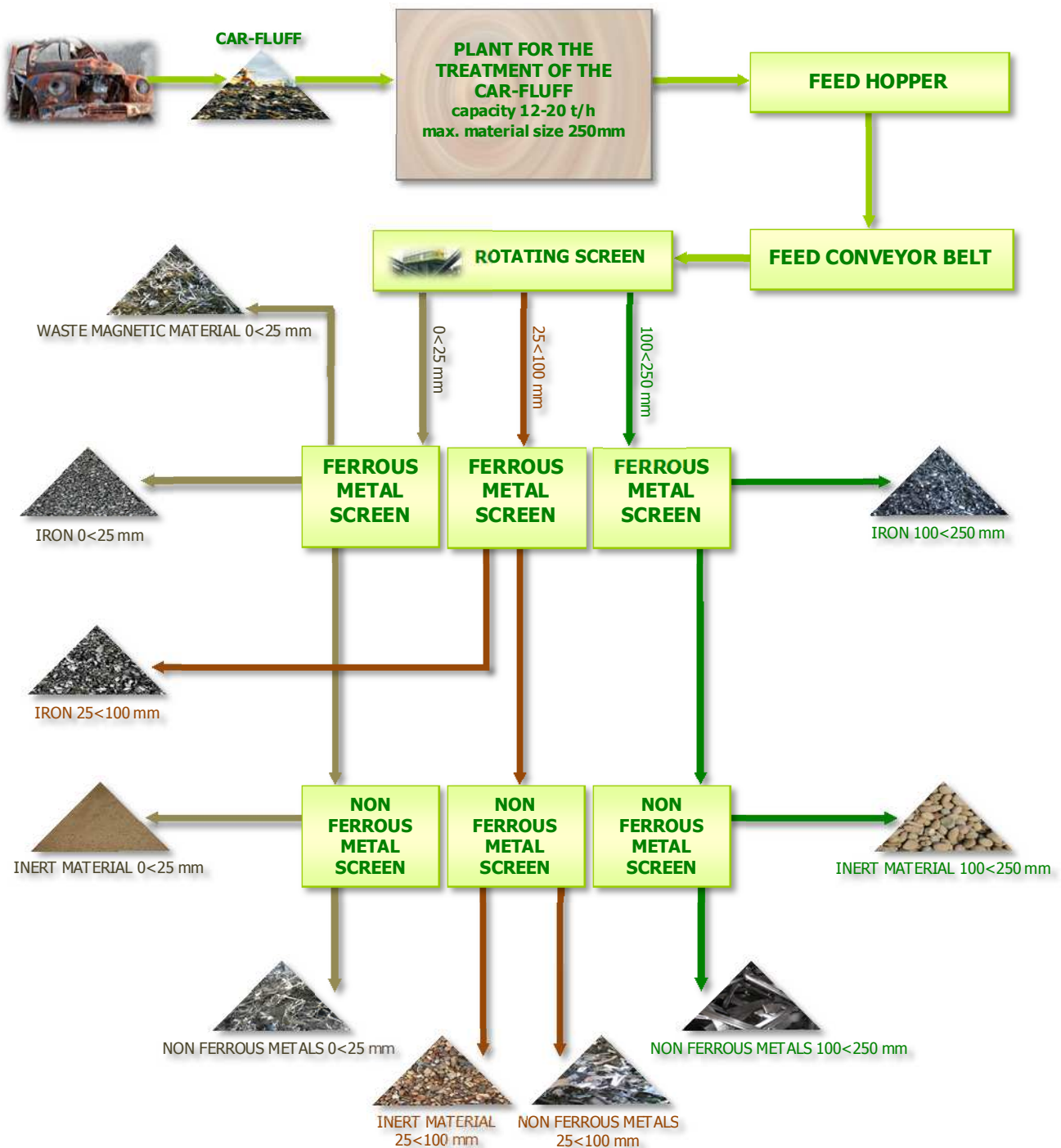
The aim of this plant is to transform all the pollutants into reusable materials, combining environmental protection with economic benefits, using an "impact zero" technology as entirely mechanical.

For any clarification, please contact us!



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This chart with its capacity data is a model plant for the treatment of the car fluff already realized that produced excellent results. It can be adapted and modified according to specific project requirements.