



Your complete supplier of TYRE RECYCLING EQUIPMENT

- Complete systems or single machines.
- Design • Manufacturing • Installation.
- Reliable after-sales support.

A story worth being told

ELDAN established in 1956, has years of experience from designing, manufacturing and installing tyre recycling equipment. Since the first system was installed in 1992, we have built an impressive track record including more than 1 000 tyre recycling installations in 49 countries world-wide. We know tyre recycling equipment!

Many tyre recycling systems have been up and running for a long time – some of them for more than 20 years. Due to large changes in the global market, today's customers don't have the same requirements as the year before. Be sure to take advantage of new opportunities arising and do a health check-up on your tyre recycling system today.

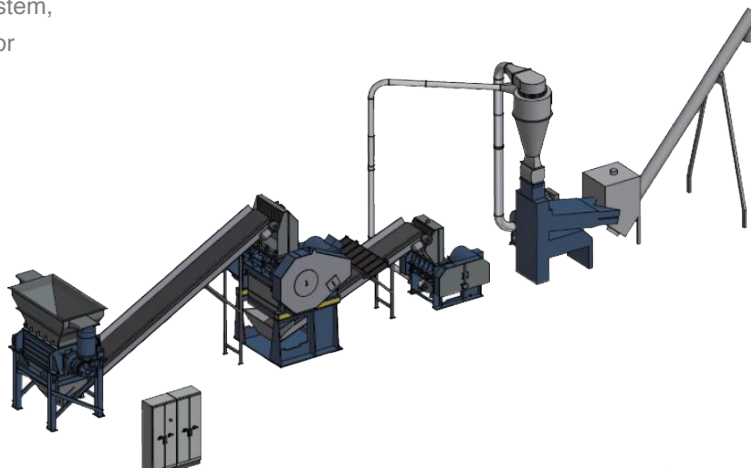
Complete systems - low to high capacity

No tyre is too large or small for our systems. We have recycling solutions for processing of all types of tyres; passenger car tyres, truck tyres and off-the-road (OTR) tyres including mining tyres and super singles. The capacity of the standard systems range from 500 - 10 000 kg/production hour. These systems are the starting point when tailoring a solution to fit your needs.

We know that what you need today, is probably not the same as what you need when your business is blooming. Therefore, the standard ELDAN tyre recycling plants are of modular design. That means that if you need to upgrade your system, it is only a matter of adding an extension to the system or changing one machine to a larger one.

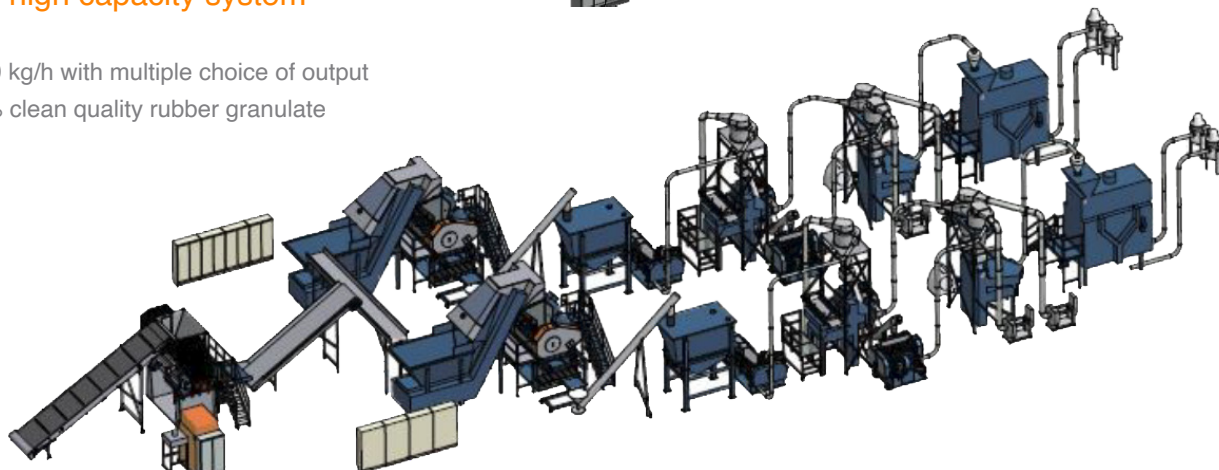
Example of low capacity system E500T:

300-500 kg/h with multiple choice of output sizes of 99% clean quality rubber granulate.



Example of high capacity system E10 000T:

10 000 -12 000 kg/h with multiple choice of output sizes of 99.9 % clean quality rubber granulate



We are with you all the way!

- Established in 1956.
- Providing complete systems or single machines - from design and manufacturing to installation.
- Developing/expansion of existing systems.
- Modifying/improving existing systems from other suppliers.
- Refurbishing existing systems.
- Reliable after-sales support including original spare and wear part.



During production of rubber granules, flexibility is a very important factor since the market demand for various fraction sizes will vary. That's why the ELDAN tyre recycling plants are "multi-size", which means the size of rubber granulate produced is easily changed simply by altering the screen combination.

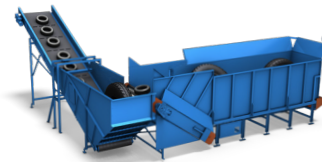
Additional modules are also available to customize the solution to your requirements - e.g. powder production, tyre cleaning or steel wire upgrading.



Take your production to the next level!



The ELDAN Tyre Cleaning improve the quality of end-products by removing foreign objects like stones, sand and snow from the waste tyres. Also reduce production costs remarkably due to lower wear on wear parts.



The ELDAN Truck & Car Tyre Feeder automatically ensures continuous feeding of the Super Chopper. The tumbling effect reduces the content of foreign bodies in the tyres. Feeding capacity 5-6 ton/ production hour.



By running the steel fraction through one of the **ELDAN Steel Quality Upgrading Systems**, rubber and textile content in the steel fraction can be reduced down to 1- 2 % (98 – 99 %) clean steel wire), by weight.



By adding the **ELDAN Rubber Quality Upgrading System** to the tyre recycling plant “black gold” can be produced. This is the ultimate purity of the main fraction of rubber granulate = 99.99 % by weight. Free from stones, metals, glass and other impurities.



The ELDAN Powder Plant meets customer and market demands for powder down to 200-10 Mesh (typically 30-40 Mesh).



← Read what our customers say about us!

Why choose ELDAN equipment?

- Durability: designed to last and to cope under tough circumstances and weather conditions.
- High performance.
- Superior quality of output fractions – attractive very usable homogenous material.
- Material input process flexibility.
- Flexibility to produce different output fractions.
- Low processing costs including low power consumption and low maintenance costs.
- No permanent operator control needed – only occasional monitoring and adjustments.
- Unbeatable after-sales support.
- Tailored solutions - let the recycling system grow with your business.

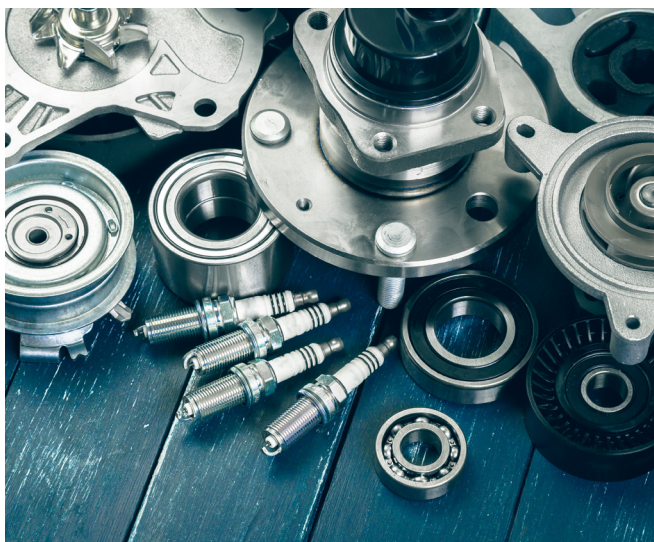
We help you optimize your existing line

With ongoing changes in the global market, tyre recyclers should think about upgrading their systems to fit the current business opportunities. At ELDAN we also look at existing systems and pinpoint what can be changed or improved.

A quick & crisp case study

A customer located in Lake Michigan, USA had ELDAN equipment which had been up and running for more than ten years. He was still very content with production and end-product. Our Technical Support at ELDAN took a look at the system to see if any improvements could be made.

” *By adding smaller components and making some adjustments, the capacity of the system was increased by 5-10 %. Working in one shift, he will earn back his upgraded investment in approximately one month.*



The After Sales Department is there for you!

The After Sales Department is your reliable partner, offering ad hoc and planned service on existing as well as new equipment through our trained and experienced service engineers and supervisors. Our flexible service contracts ensure planned, preventive maintenance of your production line.

We also hold an extensive stock of spare and wear parts for ship-off. In 2023 we sold and delivered 34 200 knives and 1 840 screens to customers in 49 countries. By dealing in these large quantities we can offer you original high-quality spare and wear parts at a highly competitive price - always in stock.

