



# Your complete supplier of tyre recycling equipment



- ▶ Providing complete systems or single machines - from design and manufacturing to installation
- ▶ Developing/expansion existing systems
- ▶ Modifying/improving existing systems from other suppliers
- ▶ Refurbishing of existing systems
- ▶ Keeping a constant stock of original spare and wear part
- ▶ Providing reliable after-sales support

ELDAN Recycling has more than 30 years' 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 do not have the same requirements as one year ago. Be sure to take advantage of new opportunities arising and do a health check-up on your tyre recycling system today.

We help you with

- providing complete systems or single machines - from design and manufacturing to installation
- developing/expansion existing systems
- modifying/improving existing systems from other suppliers
- refurbishing existing systems
- reliable after-sales support including original spare and wear part



## Complete systems - low, medium or 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 booming. 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.

During production of rubber granules, flexibility is a very important factor since the market demand for various fraction sizes will vary. Therefore, 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 and washing or steel wire upgrading.

### 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



## Take your production to the next level!



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



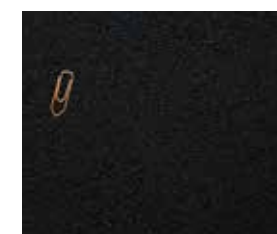
The ELDAN Truck And Car Tyre Feeder automatically ensures continuous feeding of the Super Chopper. The tumbling effect reduces the content of foreign bodies in the tyres. Feeding capacity 5-6 ton/production hour.



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).

## Why choose ELDAN equipment?

- Durability: our equipment is designed to last and to cope under tough circumstances and weather conditions
- High performance
- Superior quality of output fractions – attractive homogenous material which is a very attractive reusable material
- Flexibility to process different input materials
- 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



Customer stories on website



Videos on YouTube



## Technical advice to optimize existing tyre recycling lines

With ongoing changes going on the global market, tyre recyclers should think about upgrading their systems to fit the business opportunities of today.

ELDAN does not only assist customers with new equipment, but also looks at existing systems and pinpoints on what can be changed or improved.

*As one example, a customer located in Lake Michigan, USA had ELDAN equipment which had been up and running for more than 10 year, still very content with production and end-product. Carsten Nielsen, Technical Support at ELDAN: "I convinced him to let me take 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 to 10 percent. Working in one shift, he will earn back his "upgrading" investment in approximately one month."*



Carsten Nielsen, Technical Support

## World class after-sales support and service

The After Sales Division 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. The flexible service contracts ensure planned, preventive maintenance of your production line.

We also have hold an extensive stock of spare and wear parts for ship-off. In 2016 we delivered more than 25.000 knives and 200 screens to customers in 47 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.



ELDAN head office and production in Faaborg, Denmark