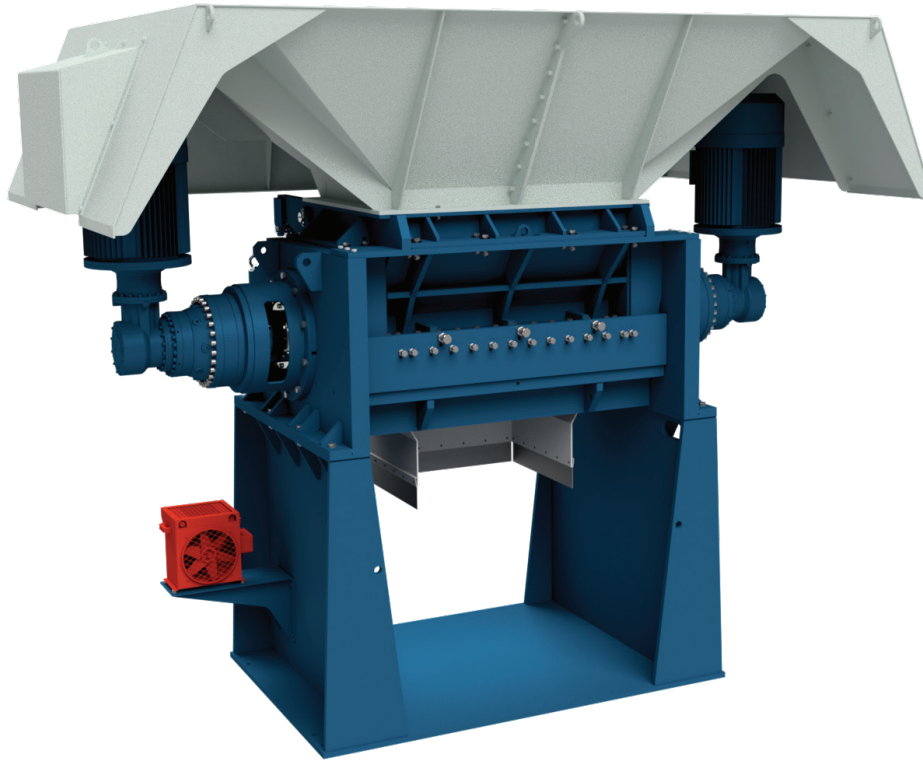


ELDAN Super Chopper - HD FD/SD

Up to 18000 kg/h



SUPER CHOPPERS HD (Heavy-Duty) Frequency Drive / Smart Drive

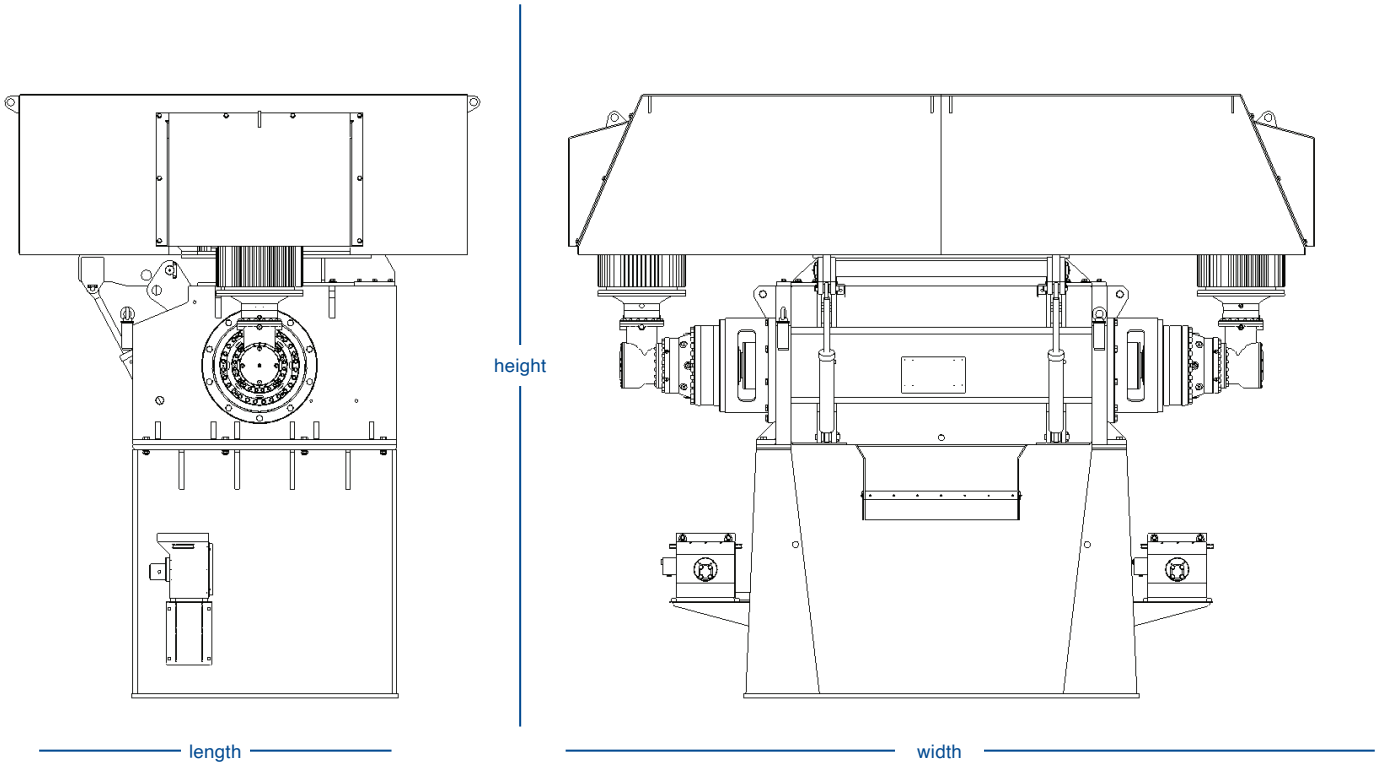
The ELDAN Super Choppers are heavy duty pre-choppers designed as first step in any recycling process. The ELDAN Super Chopper HD FD/SD is designed to process more voluminous and tougher waste than the standard ELDAN Super Chopper. It can pre-chop materials like tyres (car and truck tyres without prior de-beading), aluminium (profiles, used beverage cans), cables, copper scrap, electronic and electrical waste (i.e. WEEE), refrigerators, municipal solid waste (i.e. MSW), magnesium and wind turbine wings (cut off).

- Low speed, high torque enabling processing of tough material
- Powered directly by Planetary gears and frequency converters enabling automatic reverse for overload protection to minimize knife damages
- Starts up when fully loaded with material, thus reducing downtime after shutdown
- Adjustable knife clearance optimizes the cutting function
- The knives can be reground multiple times on a "flat-bed" grinder ensuring long life and low operation costs
- The design of the machine guarantees quick change of knives
- The rotor is manufactured from wear resistant steel and designed for minimum wear
- Rough screening bars ensure reduced output size with the option of reducing output down to <100 mm / 4"
- Frequency drive reduces power consumption by up to 50%
- To be delivered with open or closed inlet hopper depending on material and demand



Watch the
Super Chopper
in action!

Super Chopper - HD FD/SD



| TECHNICAL SPECIFICATIONS | SC1412HD FD/SD | Units (EN / US) |
|--------------------------|---------------------|----------------------------|
| Electrical motor | 2 x 110 / 2 x 150 | kW / hp |
| Transmission | 2 x planetary gear | pcs |
| FD-version | 1 | frequency converter |
| SD-version | 2 | frequency converter |
| Rotor length | 1400 / 55 | mm / in |
| Rotor speed | 5-30 | rpm |
| Knives - flying | 12 | pcs |
| Knives - static | 7 | pcs |
| Capacity * | Up to 18000 / 40000 | kg/lbs per production hour |
| Weight (approx.) | 21500 / 47400 | kg / lbs |
| Length | 2200 / 90 | mm / in |
| Width | 5550 / 220 | mm / in |
| Height | 4500 / 180 | mm / in |

Standard voltage: 3 ph, 400 V, 50 Hz - for other voltages please contact our sales department

* Depending on type of input material and method of feeding

