

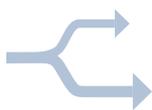


ZENO HORIZONTAL SHREDDERS

For crushing waste in the wood-, pulp- and furniture industry



SHREDDING



SORTING



CONVEYING



STORING

www.zeno.de



Horizontal shredders

The ZENO horizontal shredders are extra heavy-duty machines used for the size reduction of long rippings, strips and other forms of scrap materials in the wood-, cellulose- and furniture industries.

More than 50 standard machines with infeed widths from 200 – 2000 mm and a throughput from 200 kg/h to 50 to/h meet virtually all requirements for the correct size.

The heavy-duty shredders are available as high- and low-speed versions and can be equipped with more than four different rotortypes, depending on the customer's requirements.

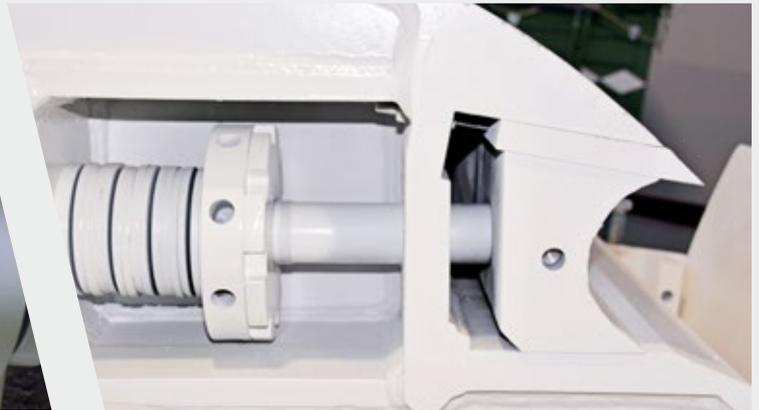
For more than 35 years ZENO provides those horizontal shredders to sawmills, veneer mills as well as to particle-board-, pulp- and furniture industries worldwide.

Vibrating infeed conveyors transport the scrap into the infeed unit of the shredder. The sturdy infeed system on ZENO horizontal shredders consists of infeed rollers driven by two gears. These serrated steel rollers grab the material and feed it into a solid steel rotor.



ZMTH-L rotor

4 times reusable cutters inserted into specially milled pockets of the rotor. They are insensitive to small foreign objects such as nails, screws etc.



ZTH knife rotor

The ZTH rotor is equipped with a variable number of knives. The knife attachment by flying wedges allows a simple and quick change of the knives and is insensitive to foreign objects.



ZMTH cutter rotor

The racks are characterized by their insensitivity to abrasive materials or materials with little metal contamination. These cutters can be re-tipped and reused any number of times.



Diamond rotor

The solid steel rotor is provided with bolted tool holders, onto which the cutters are bolted. Thus, the cutters and holders are easy to replace and very inexpensive.

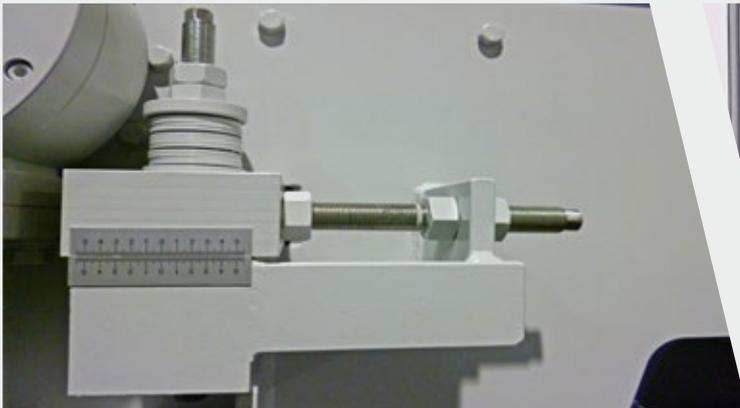
Equipment



ZENO ZTH / ZMTH drum chipper
For the production of wood chips and combustion flakes.



The load-sensing feeder unit provides a constant loading of the machine and prevents overloading of the aggregates.



Adjustable cutting system
All ZENO shredders can be equipped with a mechanical cutting gap adjustment. The growing cutting gap resulting by the wear of operation can be compensated by an adjustment device from outside of the machine.



Electrical panel
For fully automatic operation the ZENO horizontal shredders are equipped with a completely wired switchboard, containing the PLC unit.



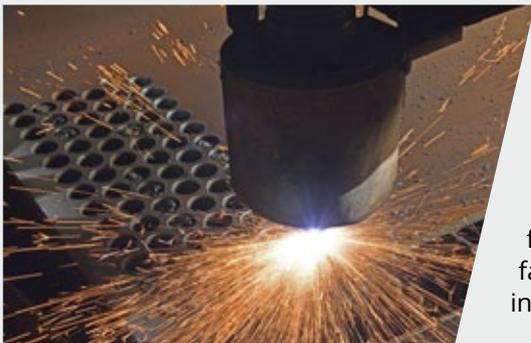
ZENO drum chipper type ZMTH-L, slow-running
Low-noise reduction and smooth running are achieved by the heavy steel rotor, the stable machine stand and the high weight of the machine.



ZENO drum chipper with movable sound proof cabin
for the noise reduction.



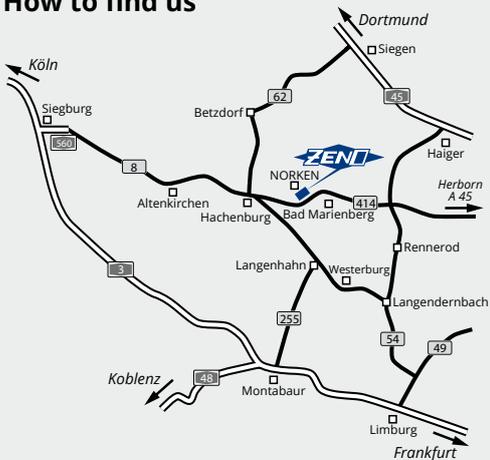
ZENO – a highly efficient company with modern production sites and a practice-oriented manufacturing program.



The enterprise

For more than 35 years - as a member of the company group KRÜGER with more than 200 employees - ZENO delivers quality-recycling facilities throughout the world. On the sprawling premises you can find the commercial and technical office, diverse manufacturing and assembly halls, the paint shop, the cabinet construction, the pilot hall and an exhibition hall. On an area of 3.000 m² numerous second-hand machines are available for an immediate delivery. These machines are rebuilt and are sold with a factory warranty. A company owned fleet of several trucks, mobile cranes and installation vehicles is available for machine deliveries.

How to find us



Arrange an appointment with us and visit our exhibition centre with pilot plant for experimental purposes in Norcken!



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