CUSTOMER
Breitsamer Entsorgung Recycling GmbH

MATERIAL
Waste Wood

THROUGHPUT
35 t/h < 120 mm

SHREDDER
XR3000C mobil-e
The reliable brand!

The German waste management company Breitsamer Entsorgung Recycling GmbH was looking for a new shredder for its scrap wood processing facility. The existing diesel-hydraulic scrap wood shredder was planned to be replaced by an efficient, mobile electrical shredding system.

The XR3000C mobil-e was chosen for this purpose due to its unique combination of energy-efficient drive and mobility.

Another important requirement of this project was that the company needed a single-pass process that can reduce 40,000 t of scrap wood per year to particles of size less than 120 mm at a throughput capacity of 35 t/h. This process is mainly used for scrap wood of classes A1 to A3 but also wood of class A4 with embedded metal. To produce particles of other sizes, the screen can be swapped in under 30 minutes thanks to the quick-change screen system.

The mobile machine is driven to the hangar in the nearby workshop for any required service and maintenance work. All work can be performed there reliably using the appropriate tools.

“This UNTHA technology makes us 70 % more economical than if we were using diesel power and 30 % more economical than the conventional star-delta drive. The slow running, cutting principle of this shredding system keeps the noise of our pellet production at a very low level and produces a very low amount of fine particles. The high flexibility of this shredding machine not allows for the processing of category 1-3 waste wood but also of category 4. Beyond that we are able to sell the metals separated from the wood to the steel industry.”

Thomas Breitsamer (Managing Director)