



SHREDDERS SERIES
BEAST
2500



BUILT FOR
SCRAP AND WASTE
PROCESSING

www.shredder-bano.com

SHREDDERS SERIES **BEAST** 2500

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The BEAST series shredders are specially built for the processing of scrap metal and waste.

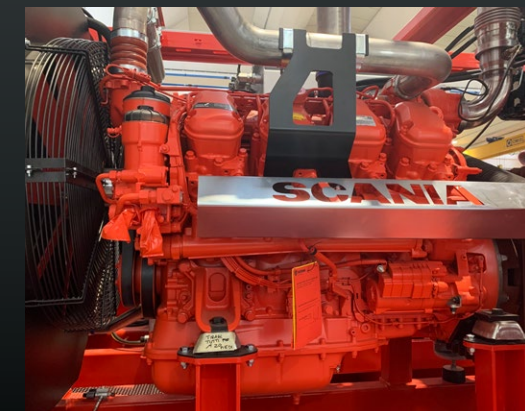
The operating principle is optimized and always customized according to the customer's needs and on our experience gained over the years.

MAIN FEATURES:

- Great productivity;
- Low operating cost;
- Low maintenance cost;
- 400 Hardox thick cutting chamber;
- Height adjustable and excludible overbelt magnet separator;
- Mobility on and off the site;
- Easily transportable.

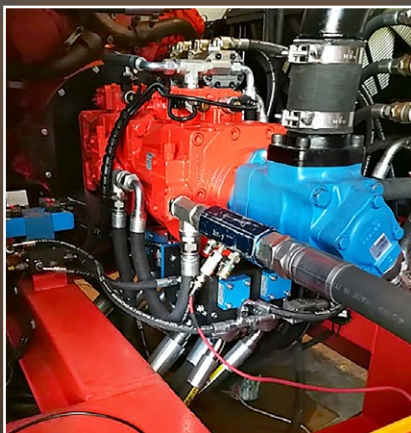
CARATTERISTICHE TECNICHE

- The shredder is equipped with a **diesel-powered SCANIA DC09 motor** and a closed-circuit hydraulic system.
- Rotor transmission comes by **hydraulic motors -gearbox**;
- Built on **oversized tracks** with flat metallic or rubberized plates;
- Discharge belt conveyor with **hydraulic articulated movement** and variable inclination for transport;
- **(optional) Liftable and excludible overbelt magnet separator**;
- **(optional) Auxiliary hooper with manual or hydraulic opening**;
- **Rotor bearing and other sensitive components** (hydraulic motor, reducer, tank, exchanger) temperature are constantly monitored by the thermal probes of the system.
- In case of non-shreddable material, **the rotors will reverse the direction**, in order to free to themselves from the strain and immediately resume the shredding operation;
- **Movement control with remote control device**;
- **Electric control panel** is provided with an HMI touch-screen display SIEMENS brand. The HMI displays all the machine information and gives the operator the possibility to create and customize the shredding recipes based on the different materials processed;
- **Safety PLC** with possibility of internet connection PROFINET or ETHERNET;
- **4G internet assistance module** to help the operator in troubleshooting or remote supervision;
- **4G internet assistance module for SCANIA** diesel engine diagnostics and service;
- **"Industry 4.0" compliant.**



Easily transportable





Hydraulic system



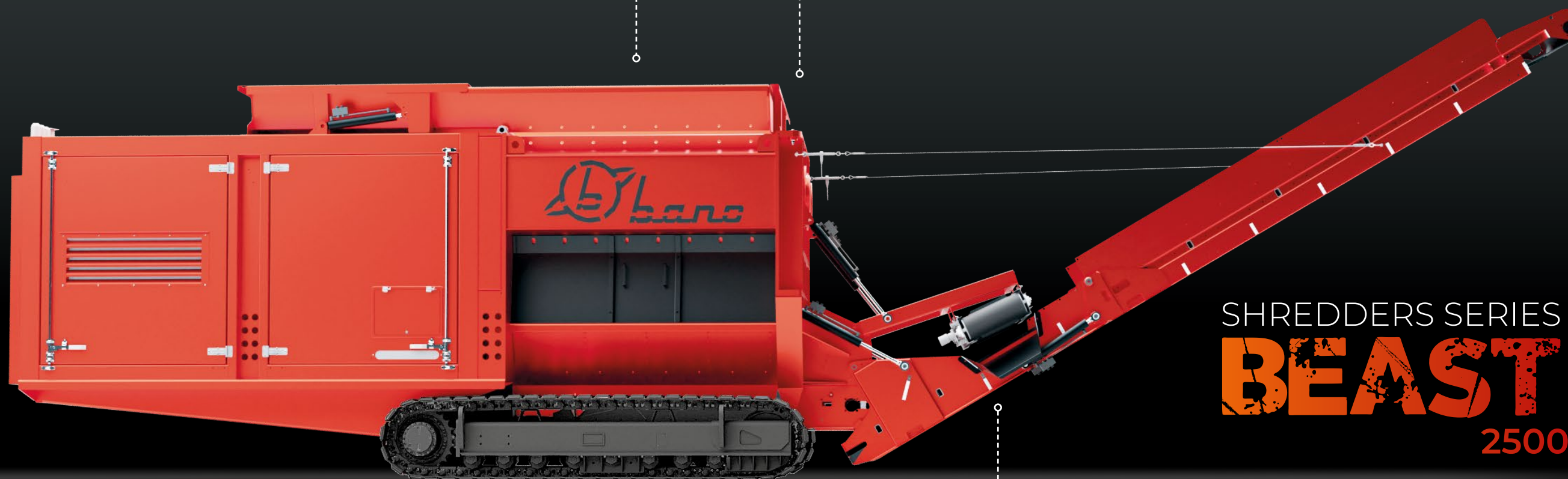
Scania Teleservice



Two- shafts cutting system



Control panel with HMI

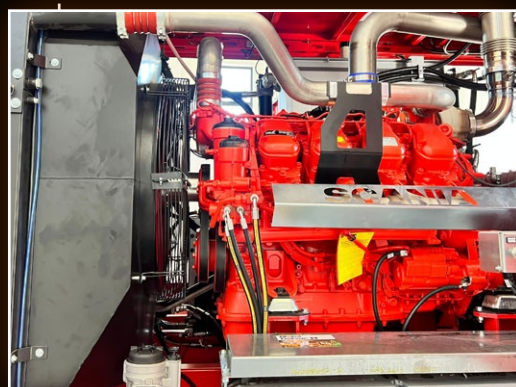


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DIESEL powered motor
SCANIA brand



Tracks with hydraulic drive



Over- Belt
magnet
separator

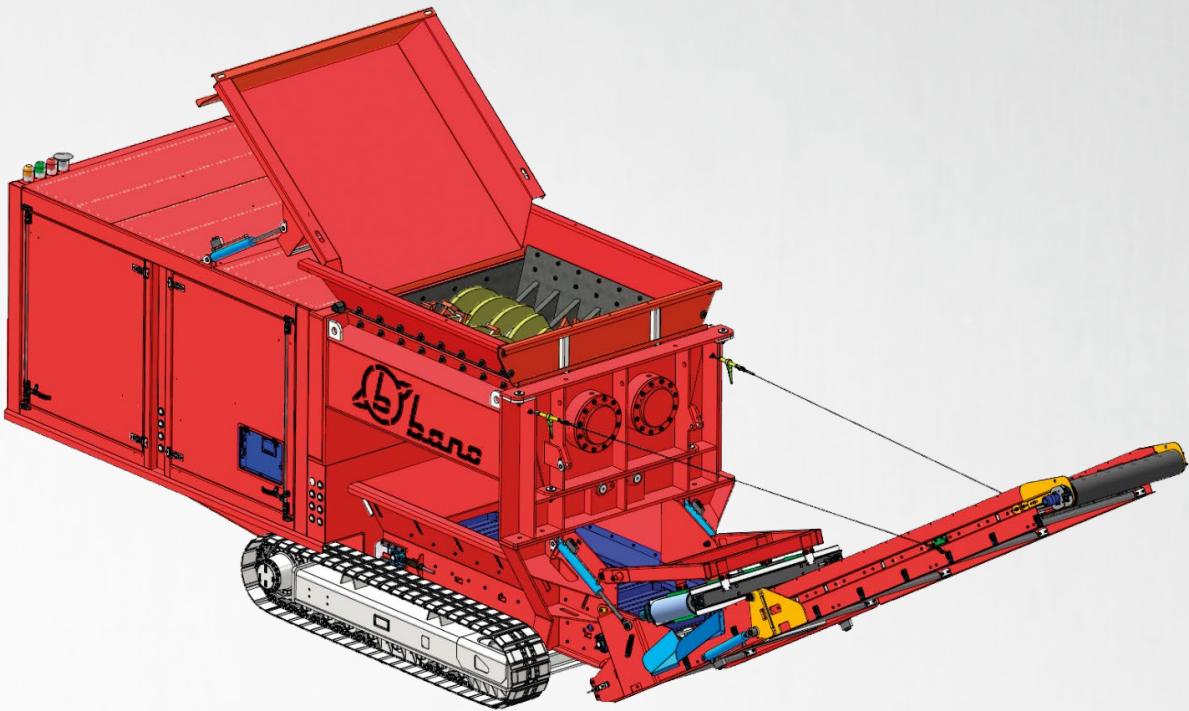
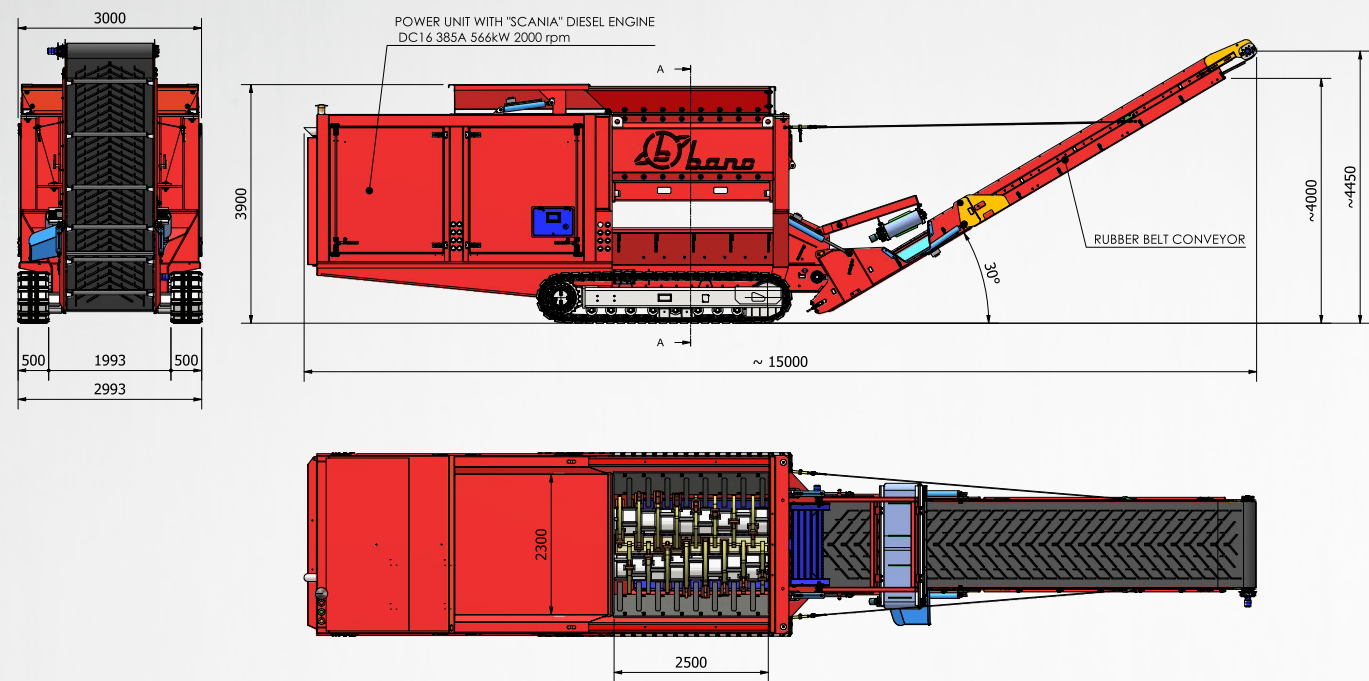


Remote control

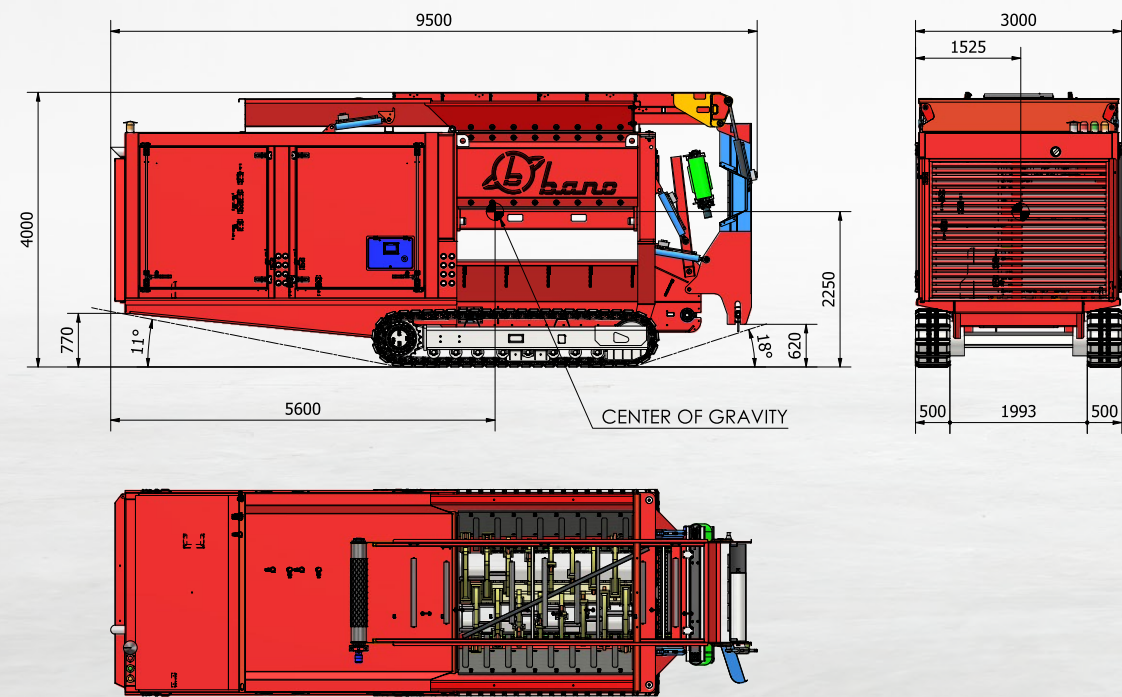
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WORK CONFIGURATION



TRANSPORT CONFIGURATION



TECHNICAL DATA
BEAST 2500

	Units	Dimensions
Work mode dimensions	mm	15.000x3000xh.4450
Transport mode dimensions	mm	9500x3000xh.4000
Weight	Kg	53.000
Inlet dimension	mm	2500x2300
Rotors length	mm	2500
Rotors diameter	mm	900
Rotors speed	Rpm	Variable
Feeding & Tilting hopper	mm	2500+2500 x 2300
Diesel motor	Type	Scania DC16
Diesel motor power	kW	566@2000rpm
Diesel Motor Emission compliance	---	Stage V – Tier4f

* Bano Recycling srl reserves the right to make technical changes without notice.



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