



Inspired by your needs



RIPPER FRANK

2500

Pre-shredder for
the recovery
of scrap metal



shredder-bano.com



RIPPER FRANK

2500

The **pre-shredders RIPPER FRANK series** are two-shafts shredders, with asynchronous reversible rotors, which are suitable to process light ferrous and non-ferrous material bales, as well as to pre-shred end-of-life vehicles (ELV), construction & demolition scrap, industrial scrap and electronic scrap.

The variable speed and torque rotors work in asynchronous way, reversing their direction when necessary, and interchanging their function according to programmable and customizable work cycles. Installed before a shredding line with hammer mill/s, **the Ripper Frank pre-shredder facilitates loading by producing a uniform and homogeneous feed, lowering wear and maintenance cost for the hammer mill**, causing a consequential decrease in operating costs and increase in both total capacity and value.



See our machine
in action

- Energy saving: lower energy consumption on the downstream shredding line with hammer mill, which implies a substantial operating cost reduction
- Safer pre-shredding operations, with a lowered explosion and fire risks, together with a reduced noise emission
- Substantial increase in hourly production of the hammer mill/s;
- Lower wear for the mill components, reduced downtime for maintenance;
- Increase of the crushing lines availability rate.



End-of life-vehicles
(ELV)



Crap from
construction and
demolition (C&D)



Metal
(ferrous and
non-ferrous) bales



Waste from
industrial
demolition



Electronic
scrap

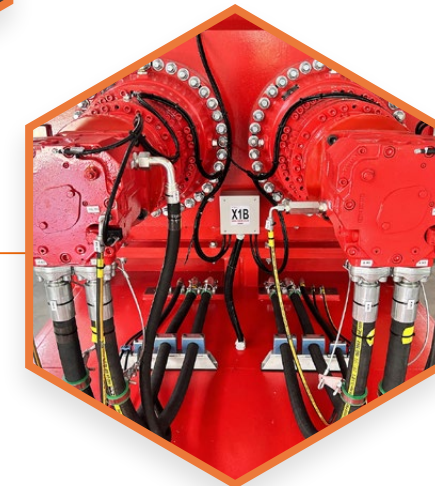


Light ferrous
scrap

RIPPER FRANK 2500



Asynchronous rotors



Transmission with hydraulic motors and planetary gearboxes



Hydraulic power unit



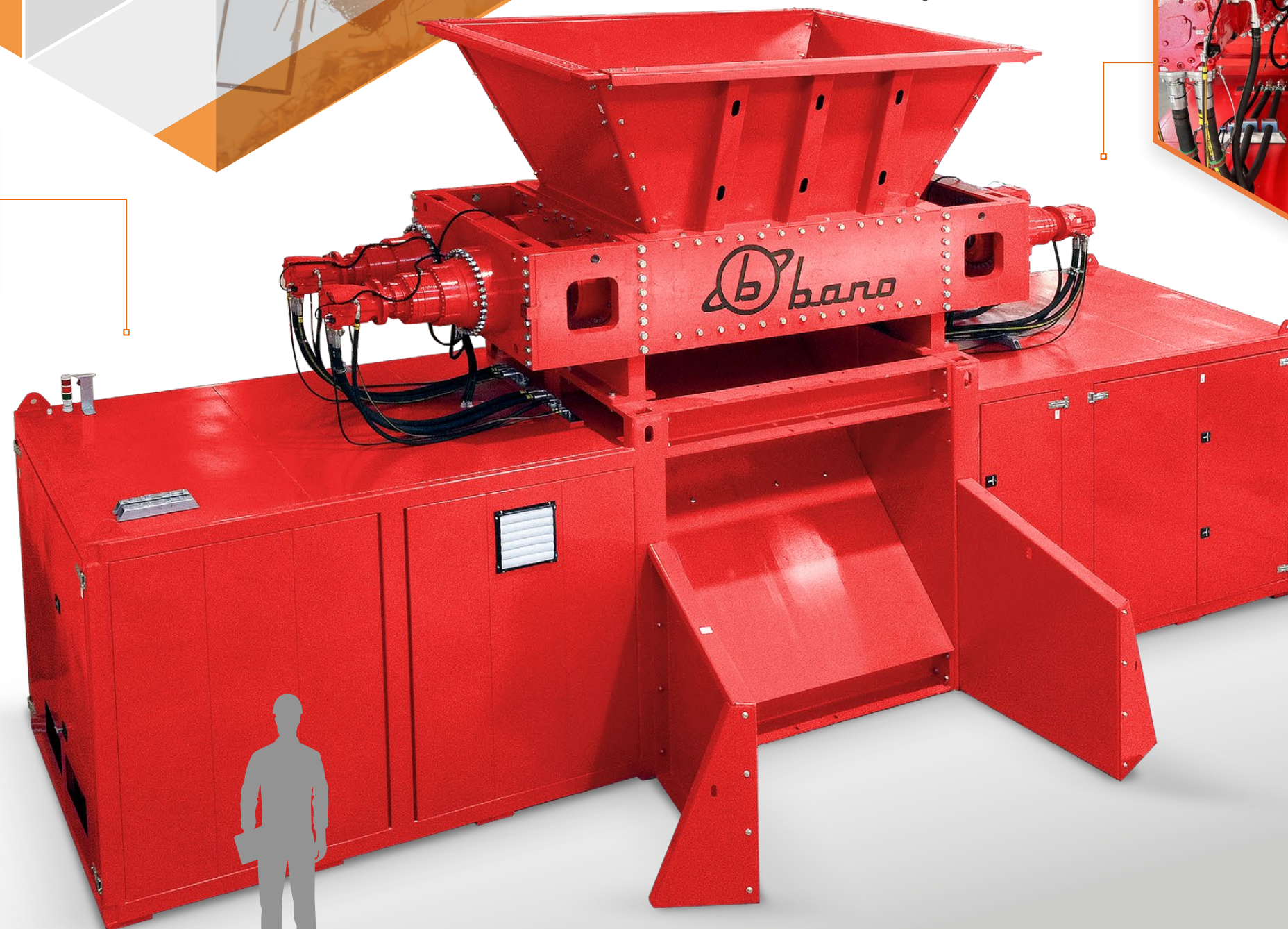
Electrical Room with Control Panel



Remote Control device

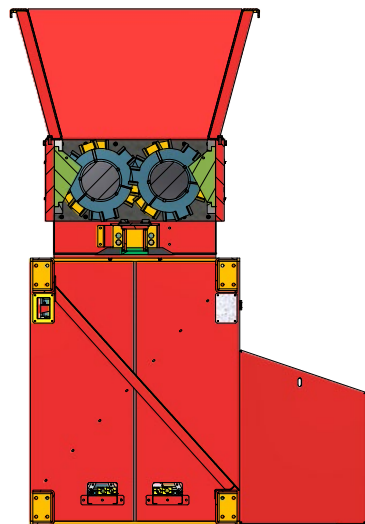
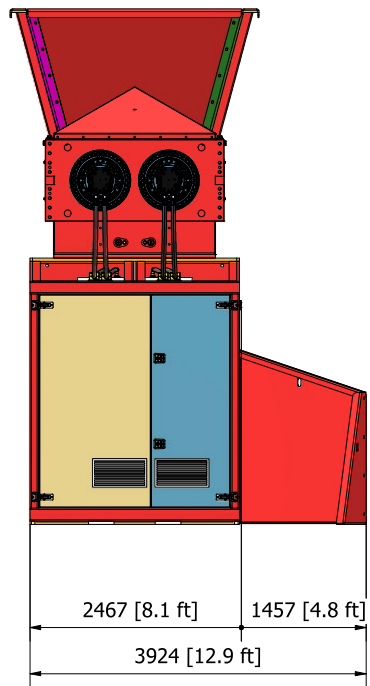
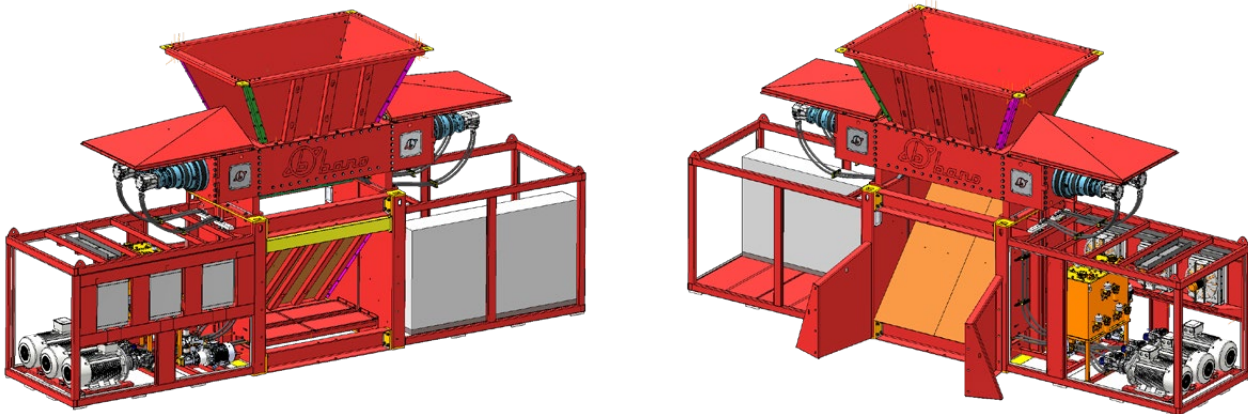
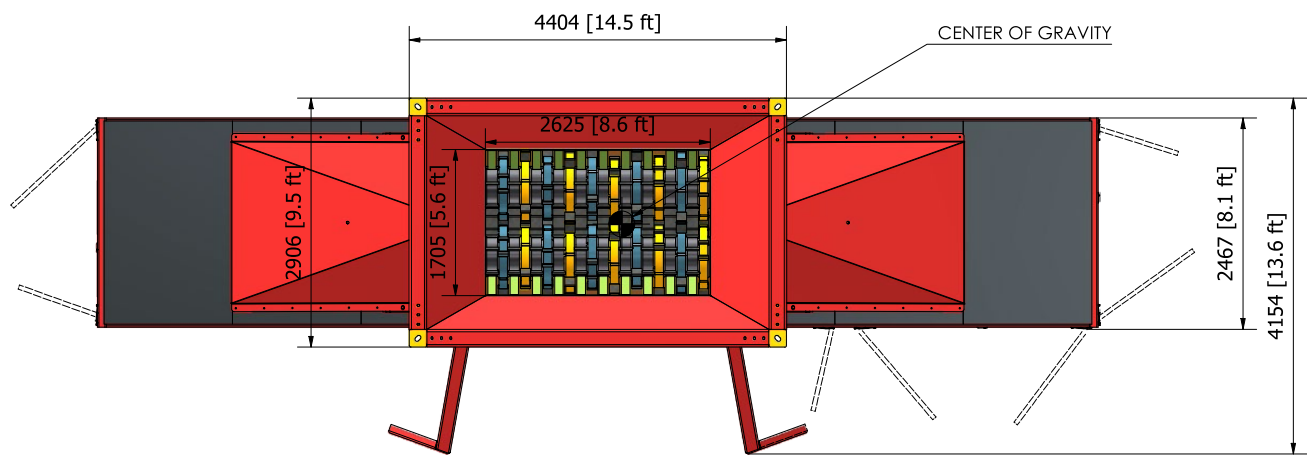
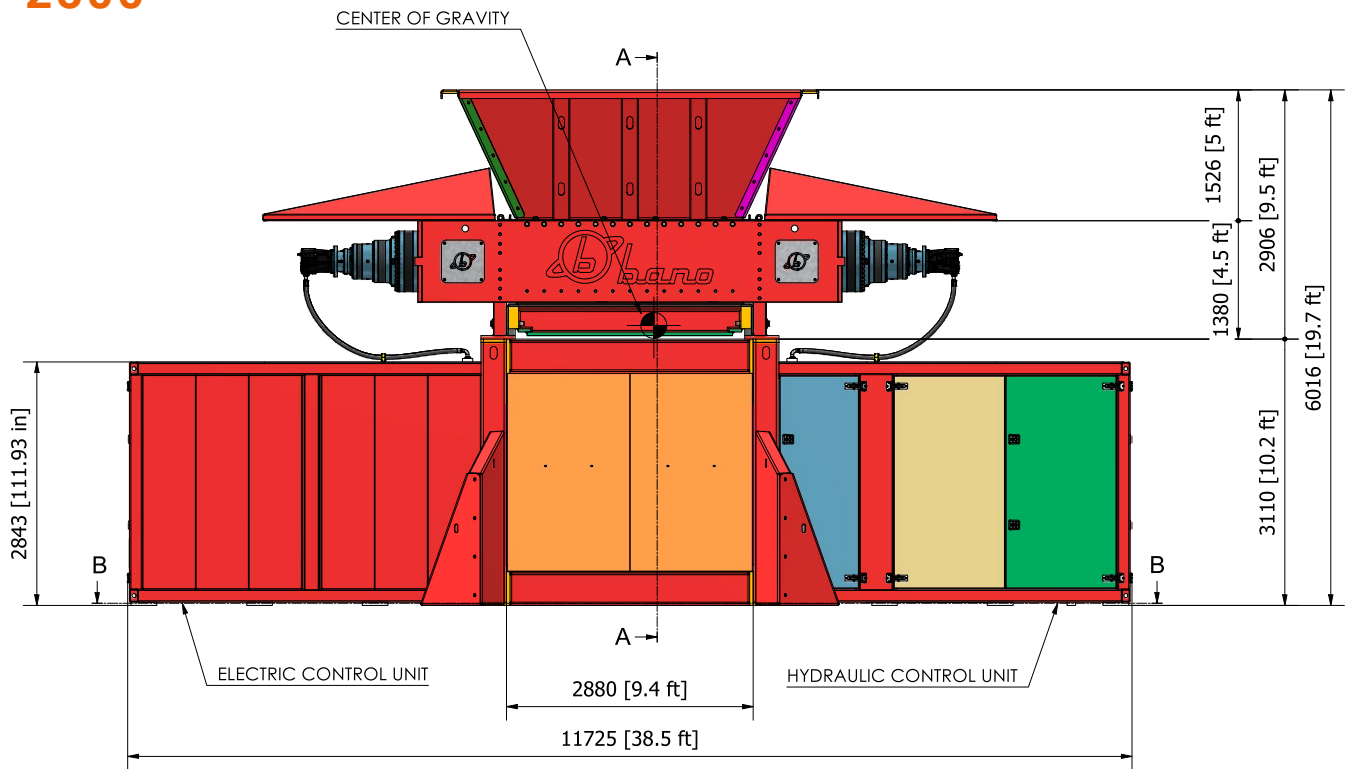


Customizable software



TECHNICAL DATA

RIPPER
FRANK
2500



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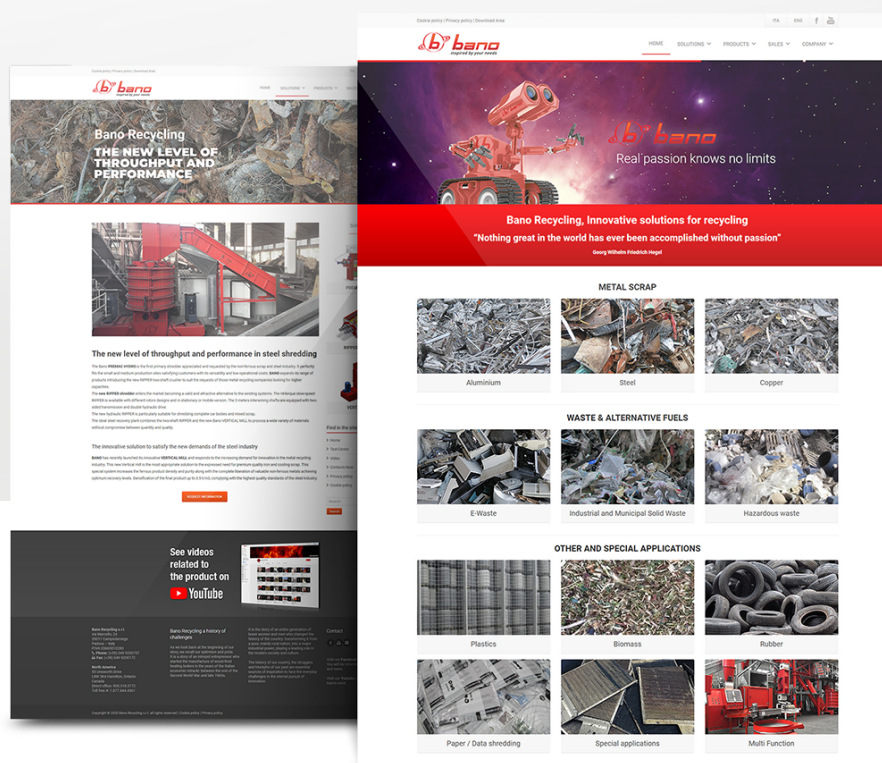
TECHNICAL DATA
RIPPER FRANK 2500

Sizes	mm	11.125x4155xh.6000
Weight	Kg	72.000
Hopper	Mm	4000x2500
Inlet	mm	2625x1700
Rotors length	mm	2500
Rotors diametre	mm	900
Rotors system		inverseable and variable
Rotors speed	Rpm	0 - 18
Electric motor power	kW	622

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