



 **bano**

RIPPER FRANK

MOBILE VERSION

THE KING IS HERE.



PRE-SHREDDER
FOR THE RECOVERY
OF SCRAP METAL

www.shredder-bano.com

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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.

- **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.**



Large size, **outstanding performance.**

The **Ripper Frank - Mobile Version** is an advanced pre-shredder designed for the recovery and processing of large metal scrap. With its innovative features and robust structure, it can handle significantly larger materials than conventional models on the market, making it an ideal solution for recycling plants and intensive processing operations.

Due to its size, the **Ripper Frank - Mobile Version** needs to be dismantled into multiple parts for transport, facilitated by its modular design, making it easier to move to the site of use.



Dismantled for transport.

RIPPER FRANK

MOBILE VERSION







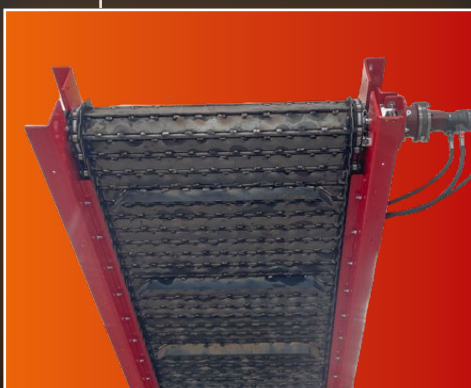
Asynchronous rotors

RIPPER FRANK

MOBILE VERSION

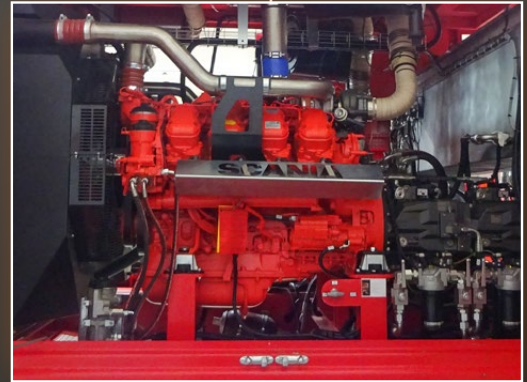


Metal slat
conveyor

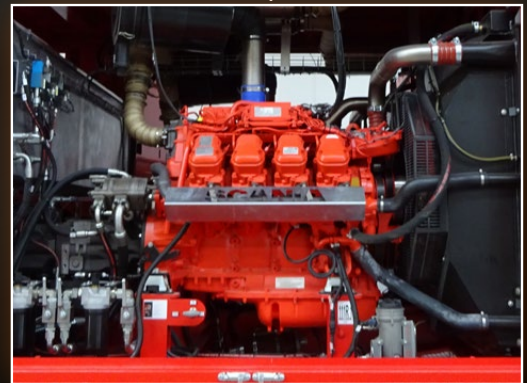


Tracked
undercarriages
with hydraulic drive

Hydraulic circuit



2 SCANIA
Diesel engines



Remote control



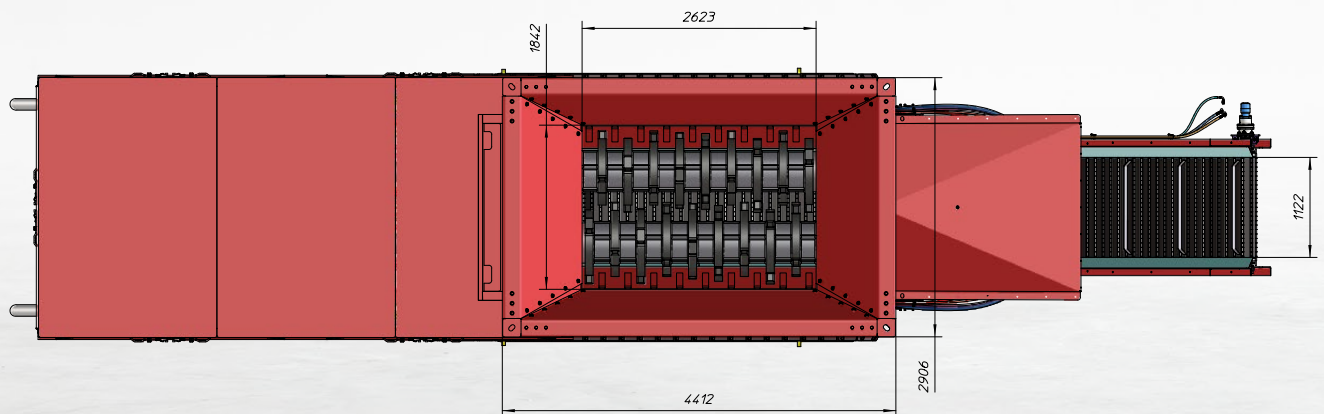
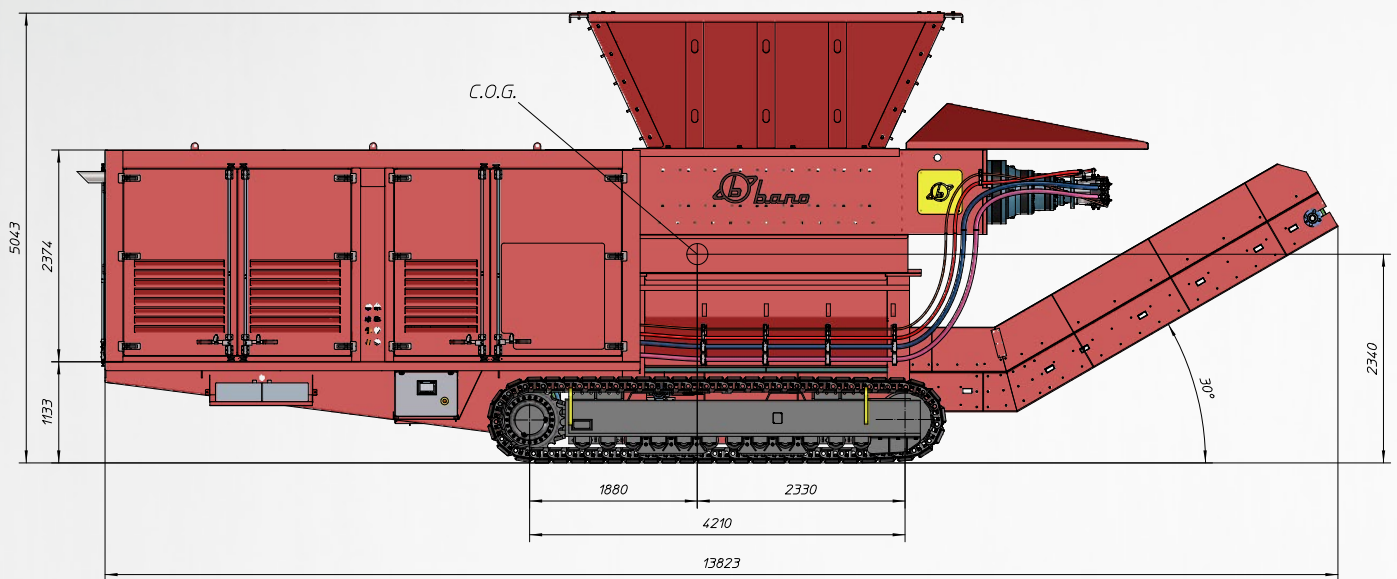
Mobile
tablet

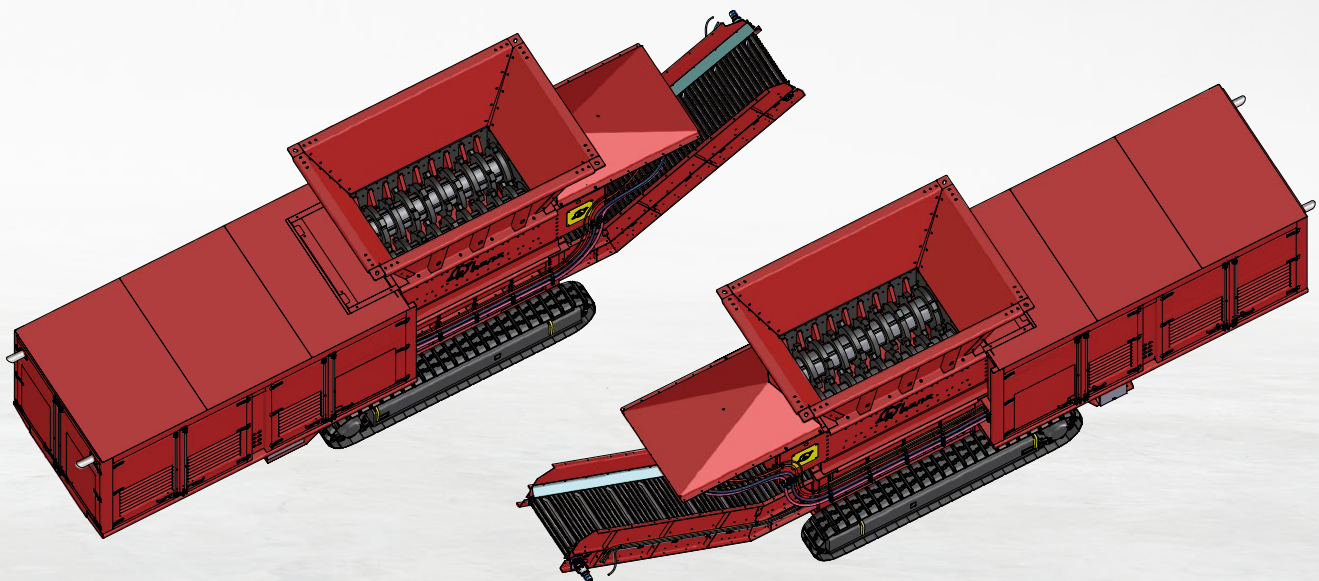
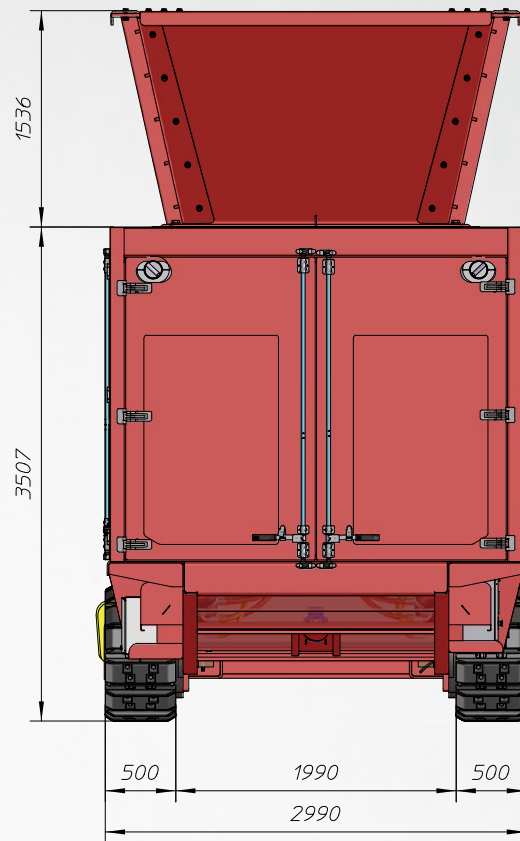


RIPPER FRANK

MOBILE VERSION

DIMENSIONS IN WORKING MODE

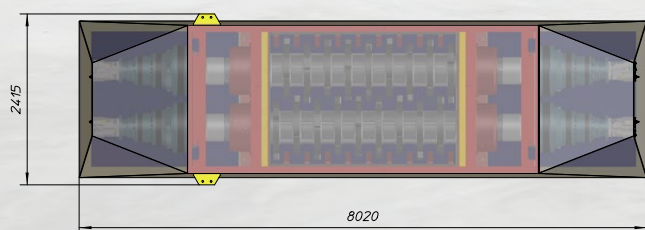
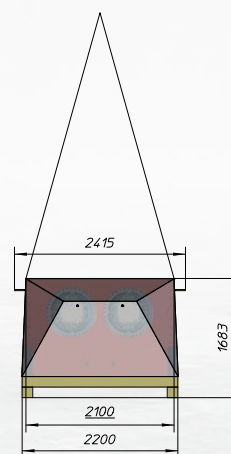
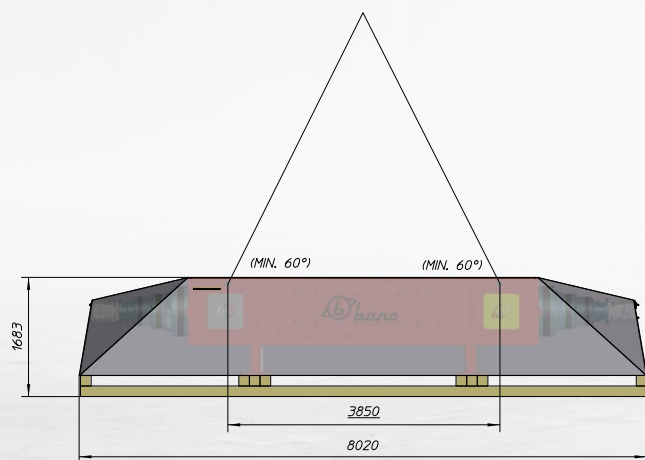
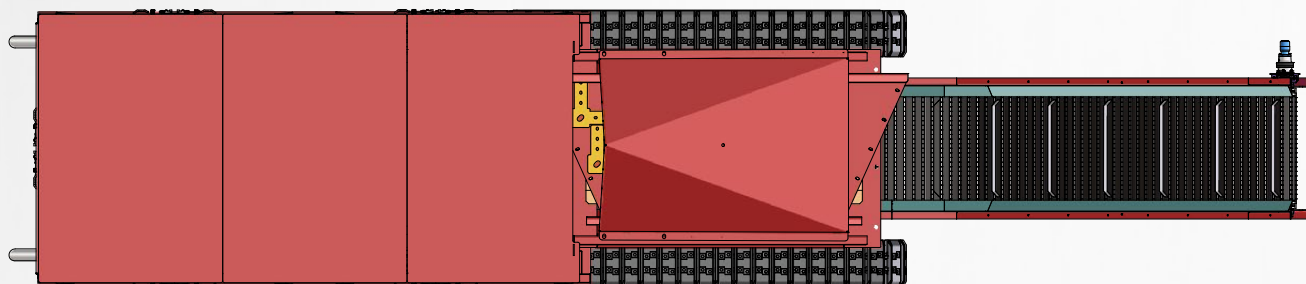
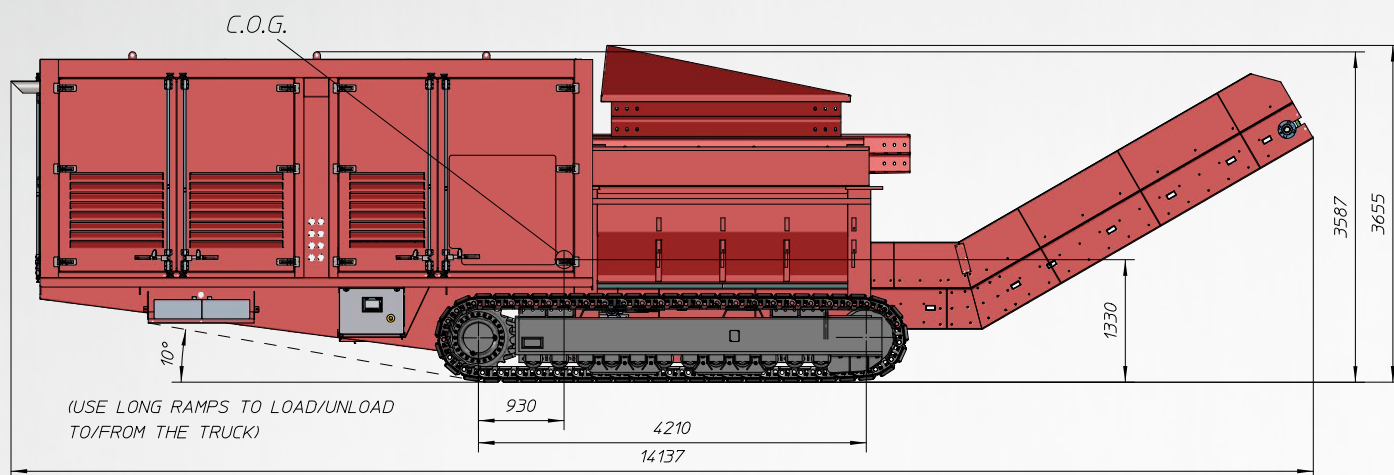


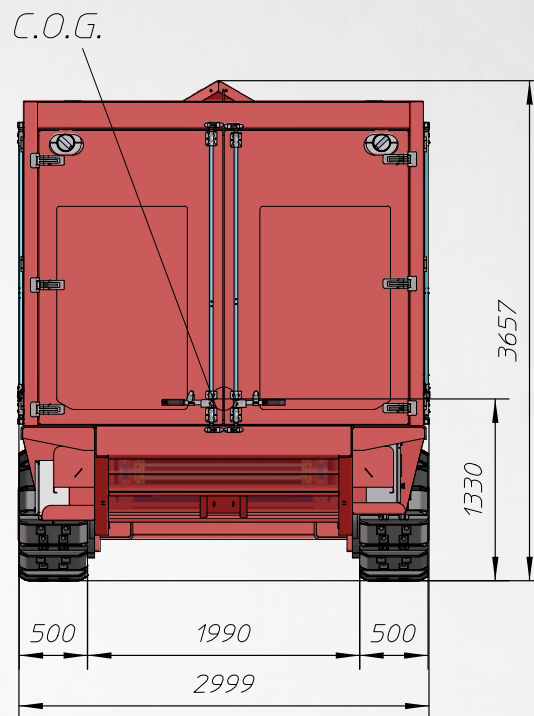


RIPPER FRANK

MOBILE VERSION

DIMENSIONS IN TRANSPORT MODE





TECHNICAL DATA

RIPPER FRANK

MOBILE VERSION

	Unit Size	Dimensions
Weight	Kg	~85.000
Loading hopper	mm	~ 4000 x 2600 x 1600
Rotor length	mm	2500
Rotor diameter	mm	900
Rotor speed	Rpm	Variabile
Diesel engines	Type	Scania DC16
Engine power	kW	2 x 566@2000rpm
Engine emissions regulations	---	Stage V – Tier4f
Extraction and discharge conveyor	Type	Steel conveyor with hydraulic motor



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