

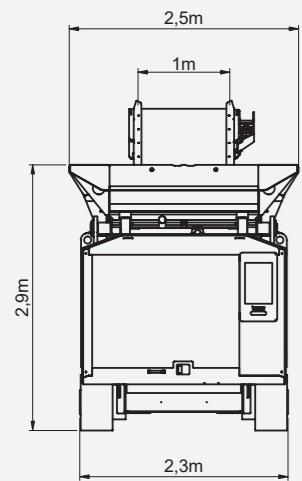
TECHNICAL DATA

Engine	CAT-C7.1 - 225 kw / 320 PS
Hydraulic	Bosch-Rexroth / Linde
Torque	250.000 Nm
Discharge belt	1.000 mm breit
Drop height	3.100 mm

Hydraulic tank	120 l
Shaft lenght	1.500 mm
Shaft diameter	650 mm
Magnet weight	1,1t
Total weight	19,5 t
Dimensions (l x w x h)	10,00 x 2,50 x 2,90 m

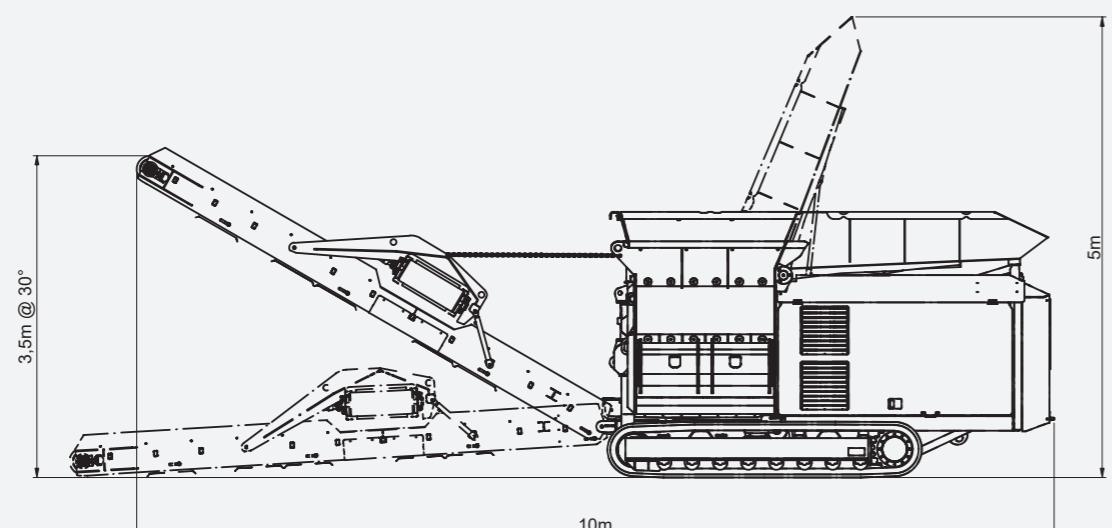
AS STANDARD

- » Water spray system
- » Hopper attachment
- » Replaceable wear plates



OPTIONS

- » Overband magnet
- » Hydraulic height adjustment magnet
- » Various tool configurations
- » Various screen baskets
- » Various crushing bars
- » Winter package
- » Chain pads



PHANTOM THE MULTIFIX-SHREDDER

Inspired by the motto: "Simplicity is the future."
A unique innovation in the shredder branche.

 **Grustenius Ab**

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Dealer stamp

Made in Germany

ECONOMICAL
VALUABLE
PERFECT



PHANTOM

THE MULTIFIX-SHREDDER

STANDARD

GEARBOX AVAILABLE
IN SYNCHRONOUS OR
ASYNCHRONOUS



VERSATILE SHAFTS
CONFIGURATIONS FOR
DIFFERENT MATERIAL
AND END PRODUCT



REVOLUTIONARY SHAFT
QUICK-CHANGE SYSTEM
Fast changeover of shafts
depending on application.



UNIQUE SHAFT
TURNAROUND SYSTEM
Simply turn the worn shafts
around for double of lifetime.

Economical / valuable / perfect

PHANTOM

THE MULTIFIX-SHREDDER

Driven on by the vision of developing a shredder that can be used for crushing stone, minerals and concrete, also wood waste, green waste, rootstock, domestic and commercial waste, paper and light scrap, we successfully created the "Phantom".

The multifunctional shredder has a revolutionary shaft quick-change system and a tool turnaround system. These systems allow the tool and shafts to be changed over quickly and easily and on a low-maintenance friendly basis to suit the relevant material application.

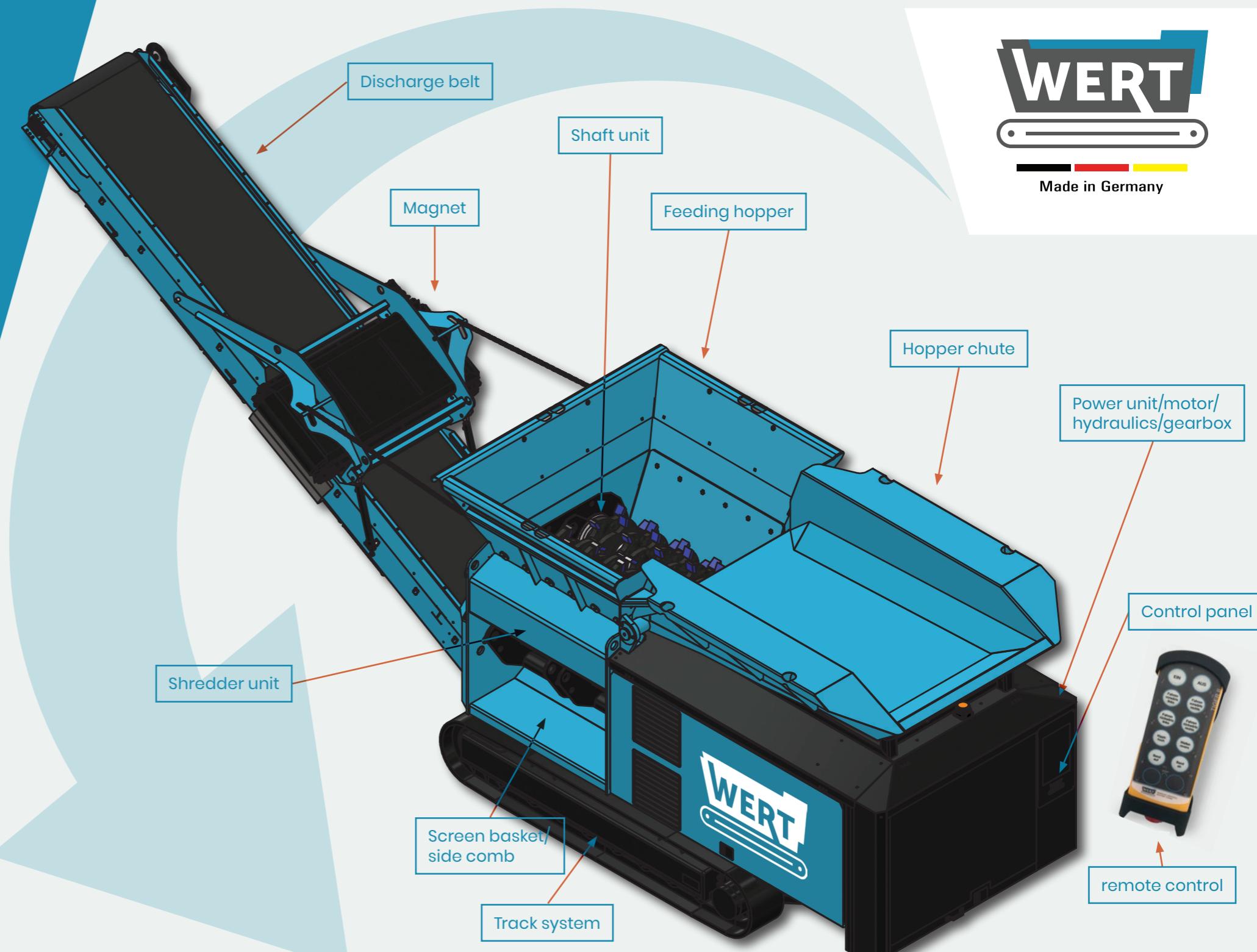
In the manufacturing process, the top priorities are meeting the highest quality "Made in Germany" standards and ensuring simple operation in order to guarantee highly effective performance and maximum economic efficiency.

Find out for yourself!

ADVANTAGES

- » Revolutionary shaft changing system
 - wave change in just 30 minutes.
- » Interchangeable shafts with turnaround system
 - for double of lifetime
- » Versatile shaft configuration for different kind of materials
- » Shaft drive available in synchron or asynchron
- » Easy service & maintenance
- » Solid and stable structure
- » Easy to operate
- » Fast quick change of shafts from mineral to wood or wastemode
- » Suitable for overseas containers
- » Screen basket with cutting gap adjustment

MATERIAL	PERFORMANCE*
Concrete	Ø 180 – 220 t/h
Wood	Ø 20 – 28 t/h
Green Waste	Ø 20 – 25 t/h
Industrial Waste	Ø 18 – 25 t/h
Tyres	Ø 13 – 18 t/h
Rootstocks	Ø 22 – 30 t/h
Paper	Ø 12 – 19 t/h



*The performance data provided are average values and are not guaranteed! Depending on the shaft configuration, the various screen basket adjustments, and the optimal material feed.