



IMPAKTOR

THE SUCCESSFUL MODEL

OUR MOBILE SHREDDERS



Fields of application IMPAKTOR 250

-  Waste Wood & Biomass
-  Household & Commercial Waste
-  Construction & Demolition Waste

ARJES IMPAKTOR

With the IMPAKTOR, entrepreneurs in the construction and demolition industry in particular will find an extremely compact, flexible and robust shredder at the best price-performance ratio. Relationship of the industry. But system operators who want to expand their operations with a compact shredder are also in the right place in this segment. The mobile shredder is characterized by its unique combination of chain drive and hook lift version, a revolutionary shaft quick-change system, an innovative SCU control and a shaft design that expands the machine's range of application many times over.

More than 1,500 units of the mobile twin-shaft shredder were delivered already delivered over the last few years. Our goal is to be the successful brand To keep IMPAKTOR marketable and future-proof. For this reason, the twin-shaft shredder became the successor model in 2018 IMPAKTOR 250 evo was further developed and received the next significant evolutionary leap in 2022, the IMPAKTOR 250 evo II.

In addition to numerous possible uses for construction and demolition waste, the mobile shredder is also suitable for processing railway sleepers, rhizomes, old and fresh wood, tires, household and commercial waste and many other applications.

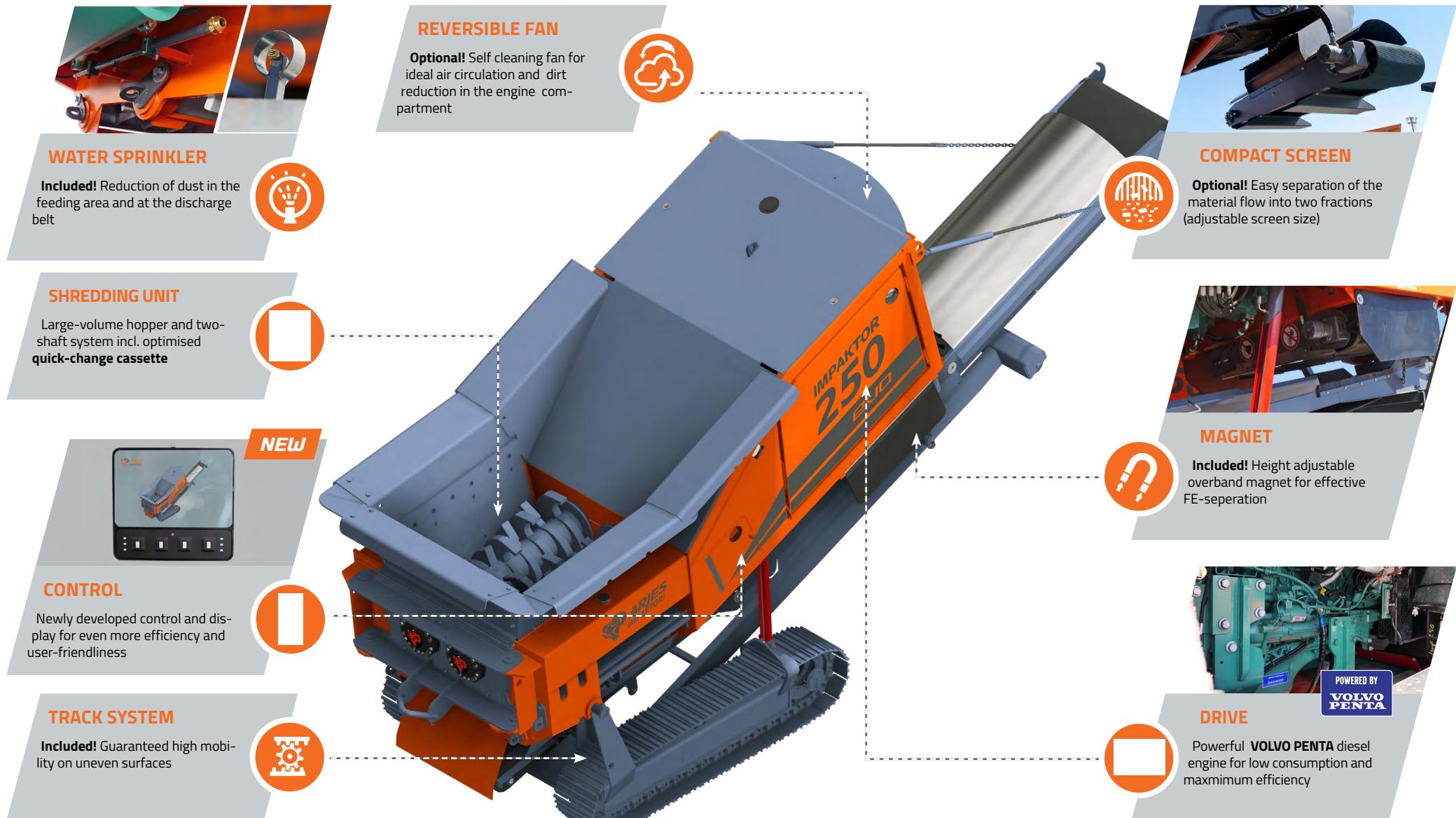


THROUGHPUT RATES*

Construction waste	Ø 80 – 100 t/h
Concrete / Asphalt	Ø 60 – 80 t/h
Waste wood	Ø 10 t/h
Biomass	Ø 20 t/h
Waste & Plastics	Ø 10 – 15 t/h

*Depends on the equipment of the shredder, the shaft configuration and the optimum material feed. The performance data given are average values without guarantee!

IMPAKTOR 250 evo *The highlights of the proven twin-shaft shredder*



TECHNICAL DATA

DIMENSIONS

Version	Track system and hook lift
Length (mm)	7.700 / 7.300 (Transport)
Width (mm)	2.300 / 2.300 (Transport)
Height (mm)	3.900 / 2.800 (Transport)
Total weight (kg)	14.000

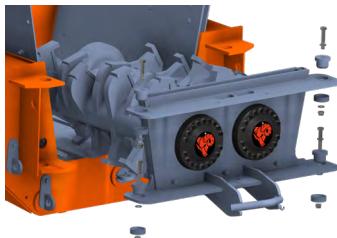
ENGINE	EU	ROW*
Engine (Volvo Penta)	TAD 581 VE	TAD 551 VE
Emission standard	EU Stage V	Stage III A
Power (kW / HP)	129 / 175	129 / 175
Fuel capacity (l)	300	
Gearbox	Bonfiglioli	

DISCHARGE BELT

Discharge height (mm)	3.450
Width (mm)	800
Included	Overbelt magnet, discharge container and water sprinkler system

SHREDDING UNIT

Hopper volume (m³)	2,25
Shaft length (mm)	1.500
Shaft diameter (mm)	680
Weight (kg / cassette)	2.000
Rotation speed (rpm)	11 – 35



Easy transportation to any work place

Due to the low basic weight and a hydraulically lowerable chassis, transportation is possible on a small truck or hook lift truck without special permissions.

Quick change system for shafts

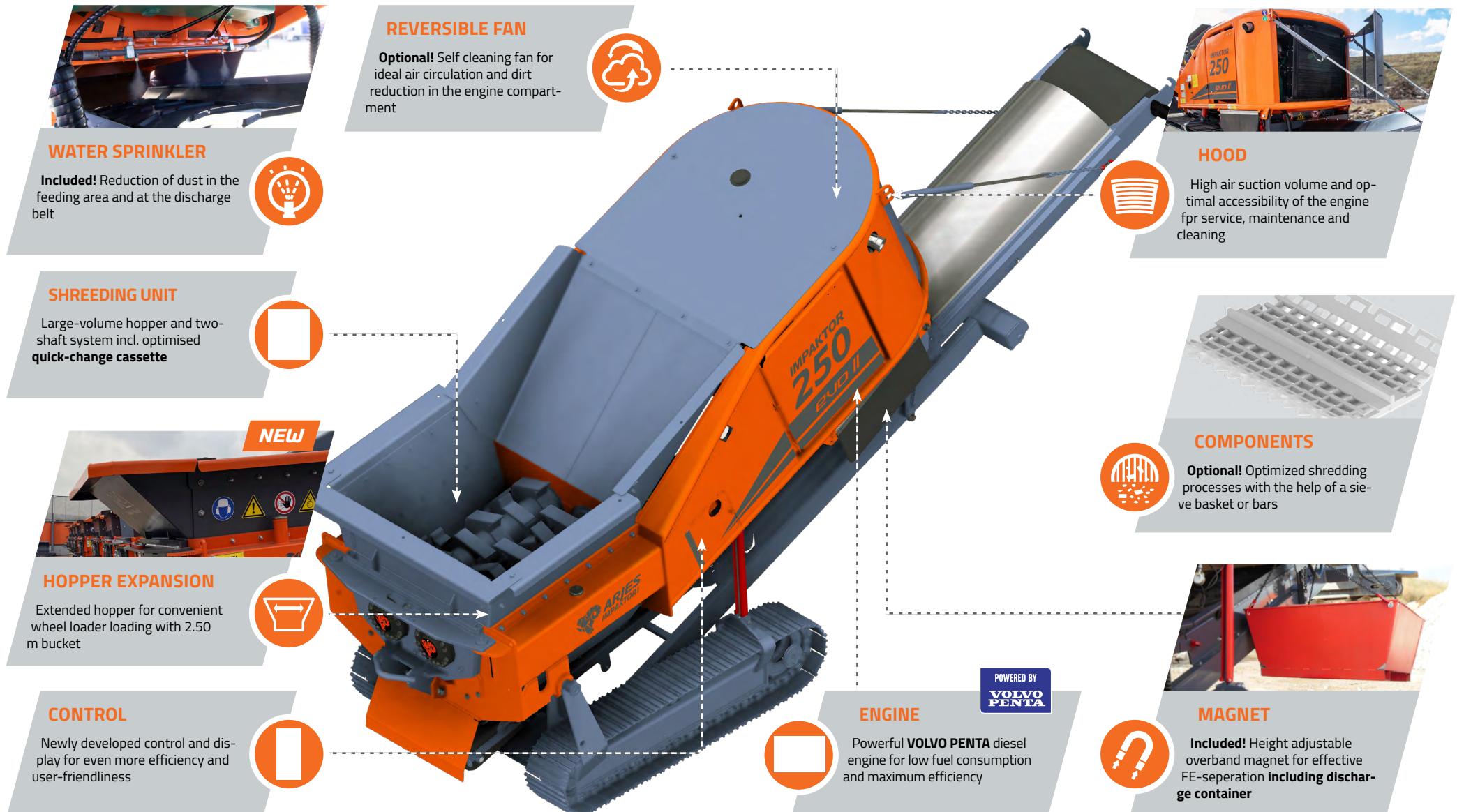
Easy installation and quick removal of shafts for easier maintenance, refurbishment and changing of shaft type, which increases more productivity.

Mechanically adjustable side combs

The side combs can be opened or closed, depending on material and customer requirements; decreasing the output size or increasing the throughput rate.

IMPAKTOR 250 evo II

The highlights of the optimised successor model



TECHNICAL DATA

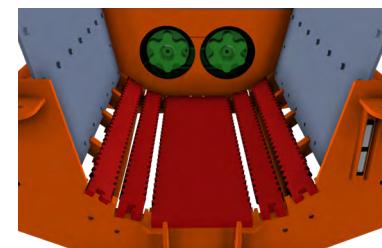
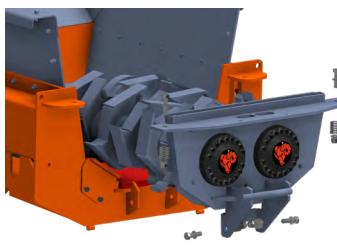
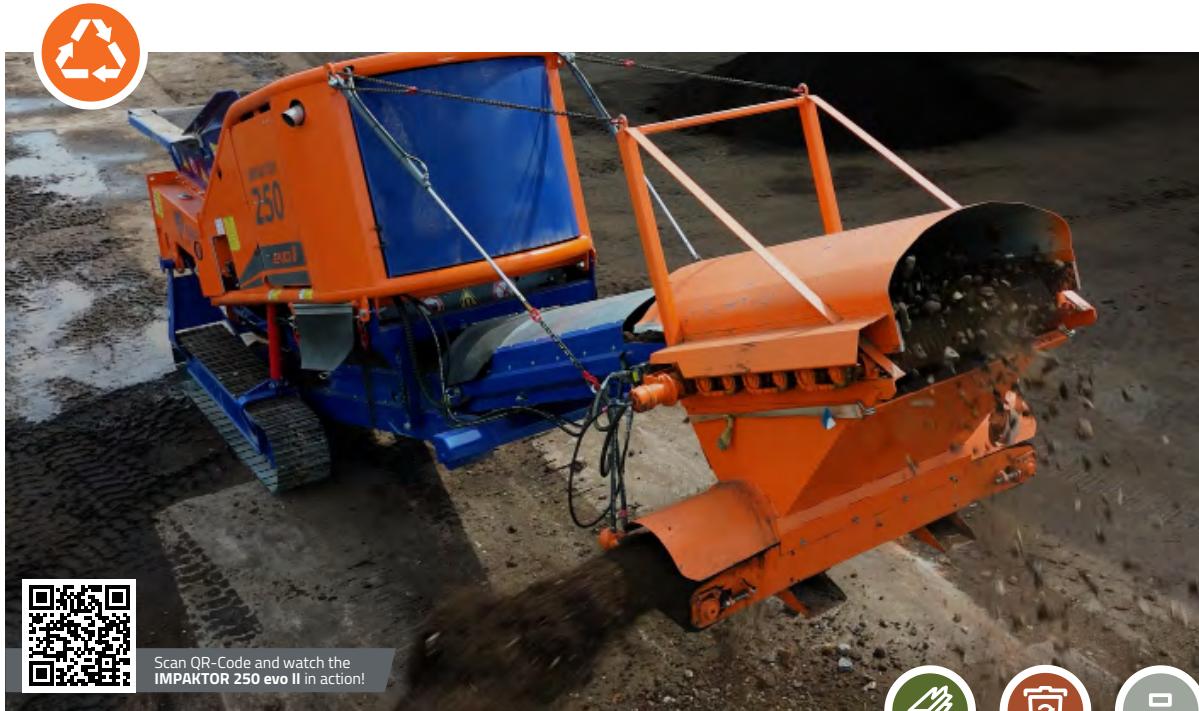
DIMENSIONS

Version	Track system and hook lift
Length (mm)	7.700 / 7.300 (Transport)
Width (mm)	2.300 / 2.300 (Transport)
Height (mm)	3.900 / 2.550 (Transport)
Total weight (kg)	13.400

ENGINE	EU	ROW*
Engine (Volvo Penta)	TAD 581 VE	TAD 551 VE
Emission standard	EU Stage V	Stage III A
Power (kW / HP)	129 / 175	129 / 175
Fuel capacity (l)	300	
Gearbox	Bonfiglioli	

DISCHARGE BELT		
Discharge height (mm)	3.200	
Width (mm)	800	
Included	Overbelt magnet, discharge container and water sprinkler system	

SHREDDING UNIT		
Hopper volume (m³)	2,25	
Shaft length (mm)	1.500	
Shaft diameter (mm)	680	
Weight (kg / cassette)	1.800	
Rotation speed (rpm)	11 – 35	



Reduced transport and working height

Due to the reduced transport height to approx. 255 cm, sea container collections are possible without dismantling the hopper walls and the maximum loading height for trucks is generally not exceeded.

Revised quick-change cassette

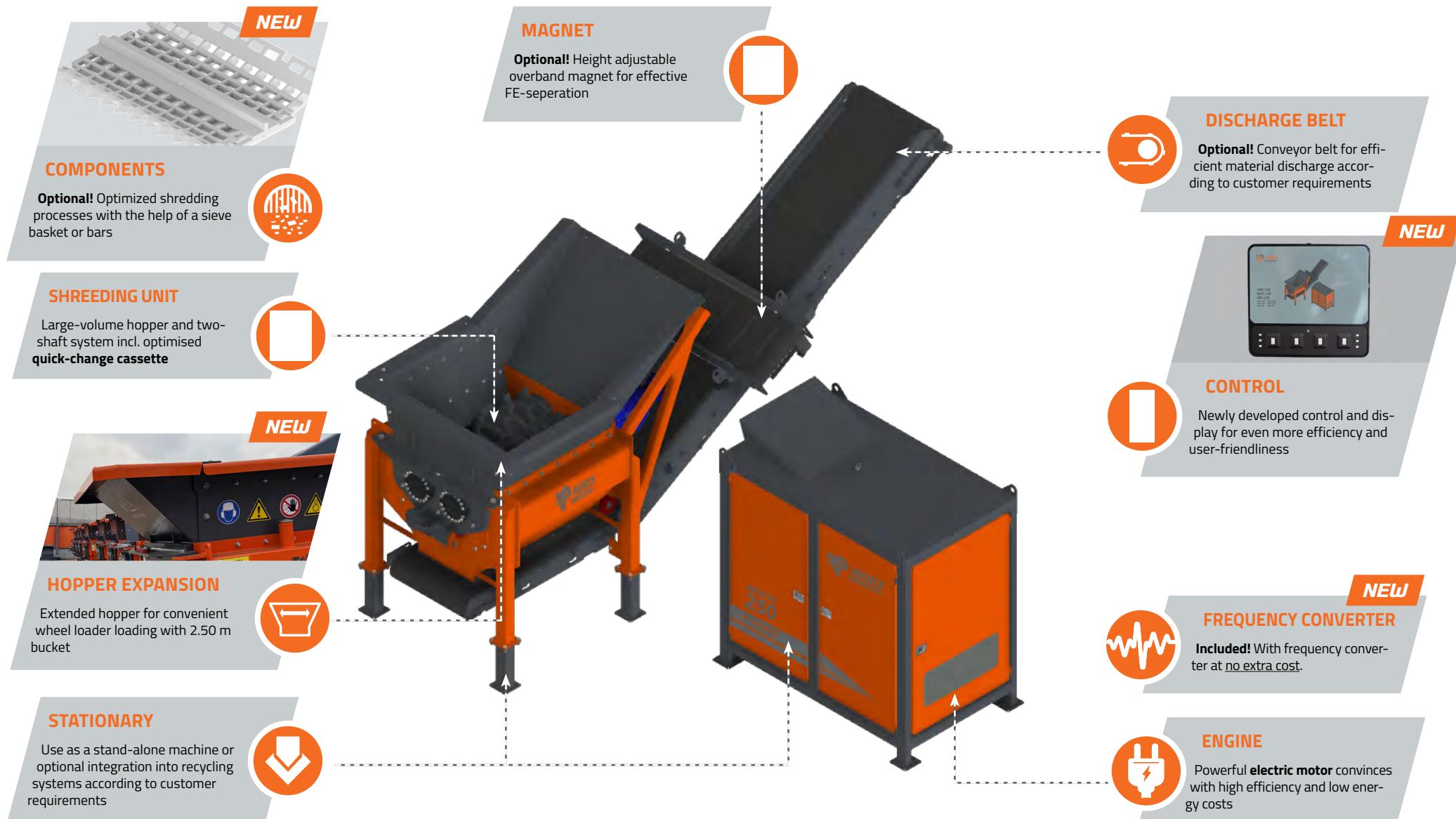
The improved quick-change cassette ensures a significantly longer operating time as the pressure during the crushing process is no longer exerted on the fastening bolts, but on the entire machine.

Manually insertable waveform plates

By inserting or removing the plates, the gap width may be modified and thus the final grain size adjusted. In case of worn cutting blades, the plate can be rotated and reinserted several times.

IMPAKTOR 250 E evo II

The stationary class



TECHNICAL DATA

DIMENSIONS

Execution Stationary

Shredding unit

Length (mm) 3.300

Width (mm) 2.300

Height (mm) 3.200

Control unit

Length (mm) 2.600

Width (mm) 1.600

Height (mm) 2.700

Weight (kg) ca. 15.000

ENGINE

Motor type Elektric

Power (kW) 160

Gearbox Bonfiglioli

SHREDDING UNIT

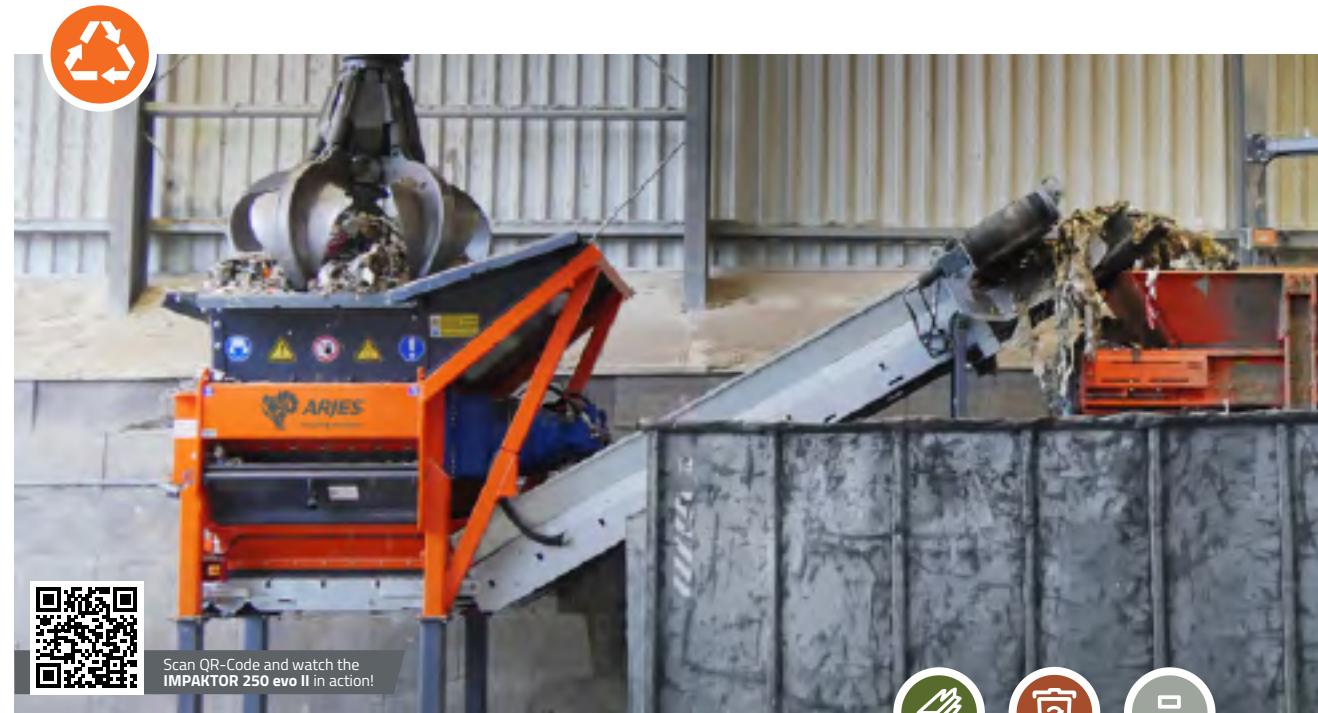
Hopper Volume (m³) 2,25

Shaft length (mm) 1.500

Shaft diameter (mm) 680

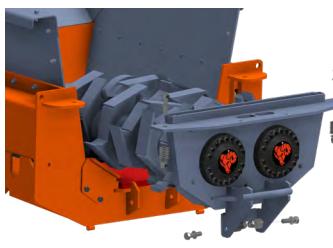
Weight (kg / cassette) 1.800

Rotation speed (U / min) 11 – 35



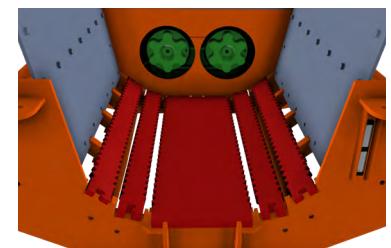
Separate drive and control unit

Due to the separate placement of the reduction and control unit, up to a distance of approx. 6 m significantly less vibrations on the control. Dust and dirt are additionally reduced.



Revised quick-change cassette

The improved quick-change cassette ensures a significantly longer operating time as the pressure during the crushing process is no longer exerted on the fastening bolts, but on the entire machine.

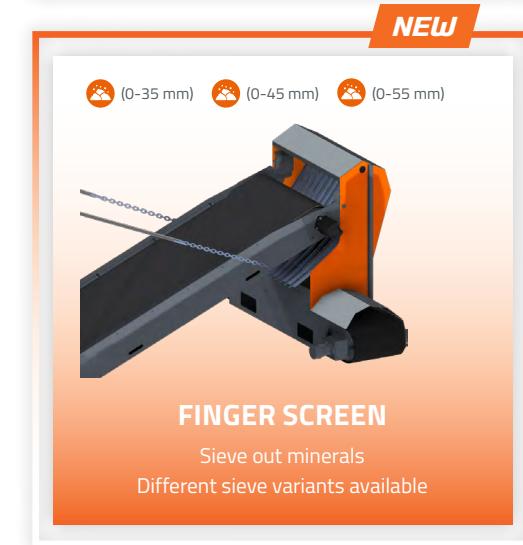
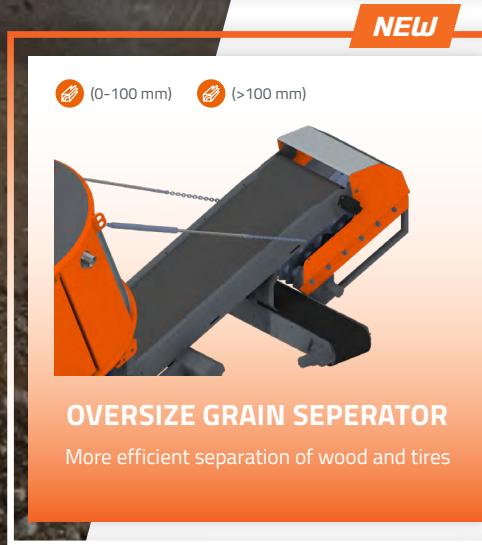
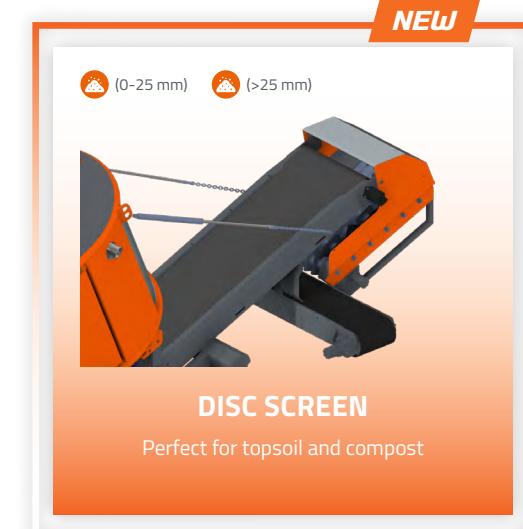


Manually insertable waveform plates

By inserting or removing the plates, the gap width may be modified and thus the final grain size adjusted. In case of worn cutting blades, the plate can be rotated and reinserted several times.

IMPORTANT COMPONENTS

Optimized performance



SIEVE BASKET

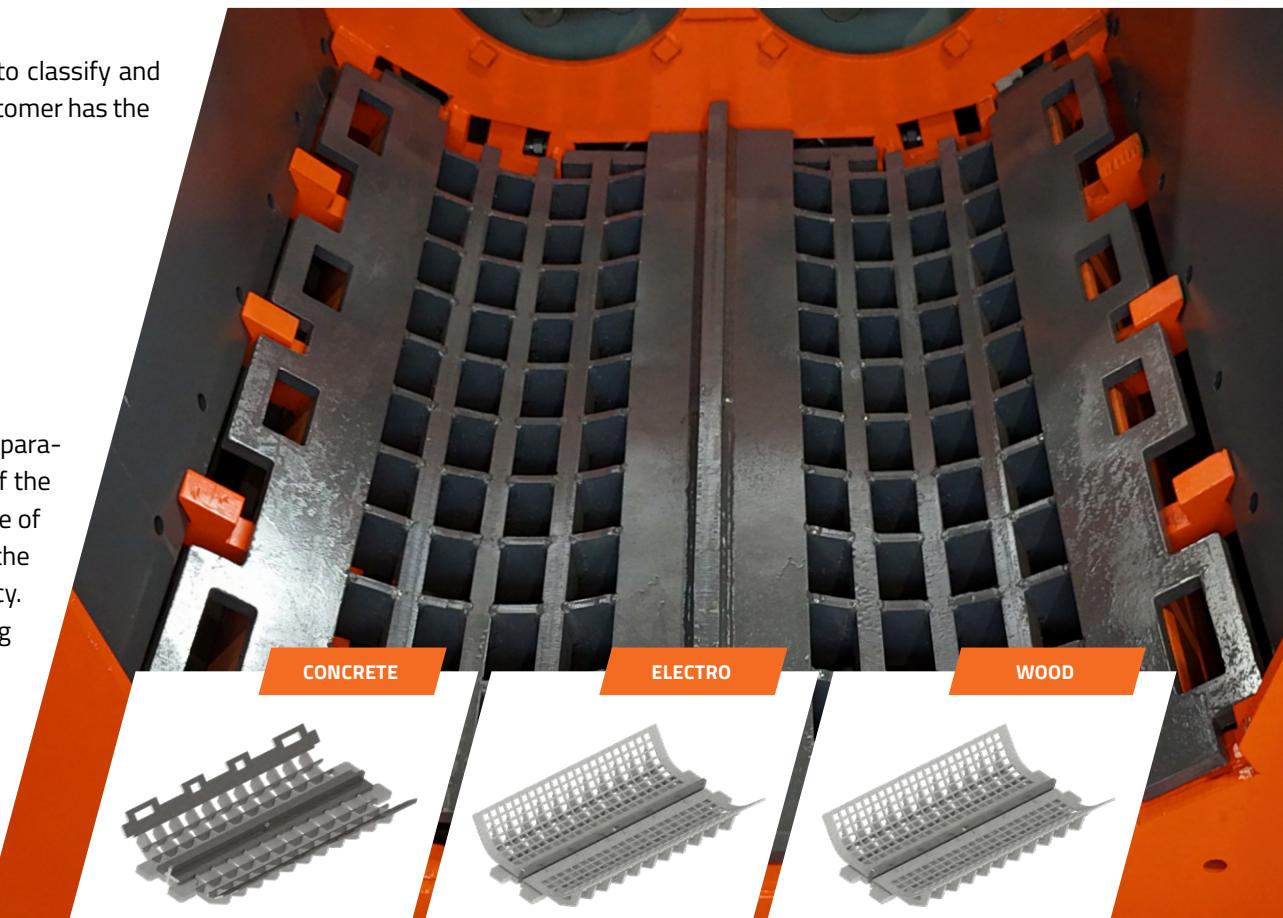
The sieve basket is a key component in our IMPAKTOR models, designed to classify and sort materials into different sizes. By selecting different mesh sizes, the customer has the option of adjusting the particle size as required.

Available mesh sizes:

- Wood 110x100mm
- Concrete 110x60mm | 110x40mm
- Electric (50x50mm | 40x40mm | 30x30mm - customer specification)

As the material passes through the shredding process, the sieve basket separates larger pieces from the end product and enables precise size reduction of the material. By using a screen basket in our IMPAKTOR models, the particle size of the end product can be controlled and adjusted to the exact requirements of the customer or application. This results in improved product quality and consistency. In addition, the screen basket helps to increase the efficiency of the shredding process by ensuring that only the desired end product is further processed, while larger or unwanted particles are sorted out.

Overall, the screen basket plays a decisive role in optimizing the performance and productivity of shredding systems by enabling precise and efficient material processing.





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Your local dealer

Disclaimer: We reserve the right to make technical changes, misprints and errors. All specifications refer to the standard version without optional features. Status: May 2025



5 CONVINCING ARGUMENTS FOR OUR SUCCESSFUL MODEL

- 1 Best price-performance ratio in its class**
incl. standard attachments (e.g. water sprinkler system, magnet etc.)
- 2 Largest range of applications**
Processing of many types of material with the toughest requirements (such as c&d debris, concrete, tyres, waste wood, household and industrial waste, etc.)
- 3 Revolutionary shaft quick-change system**
Shortens maintenance times, refurbishment and changing different shaft types for uninterrupted operation
- 4 Maximum mobility in every situation**
Track system and hooklift / multilift included as standard
- 5 Innovative SCU plug-and-play control**
Predefined shredding programs that control rotation and speed of shafts for user-friendly operability