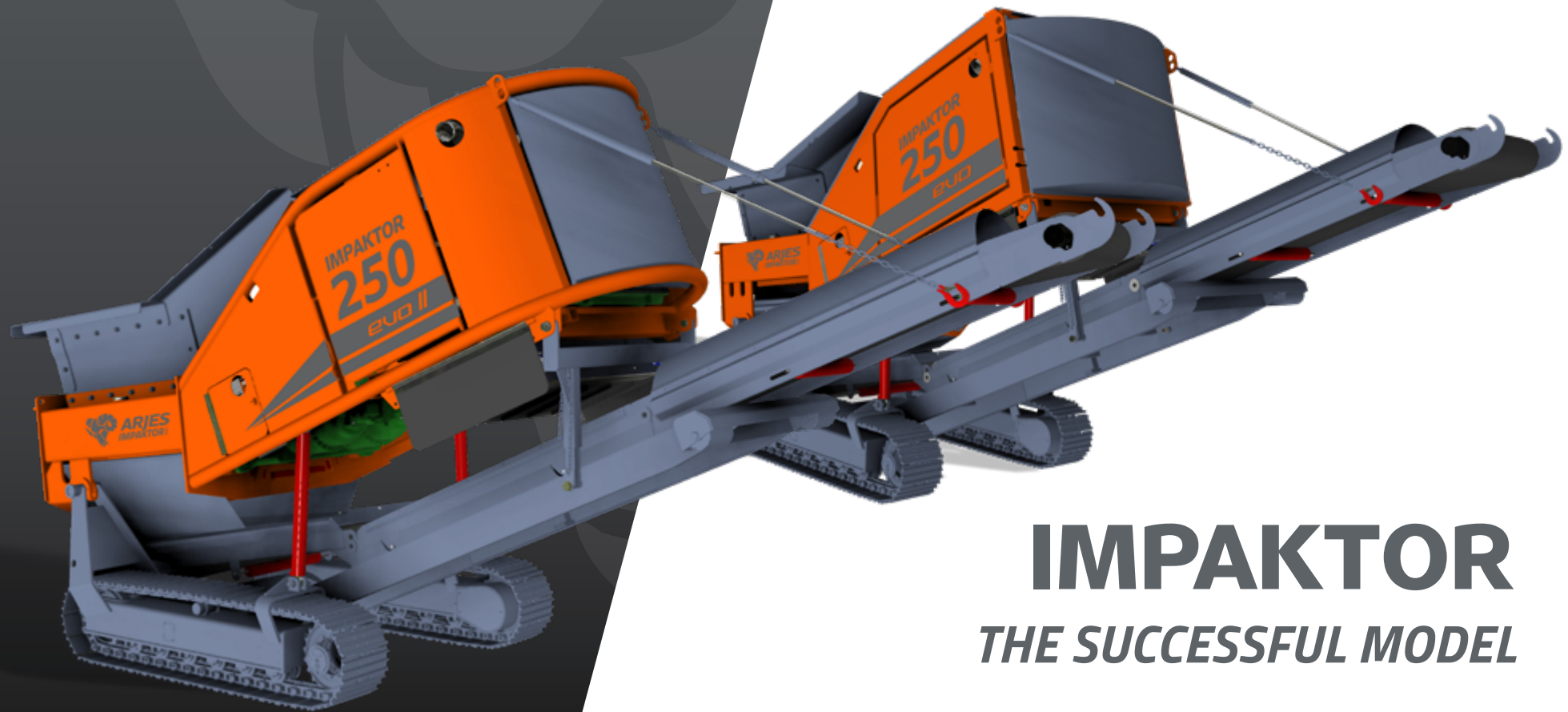




EN



**ARJES**  
**IMPAKTOR** GmbH



# IMPAKTOR

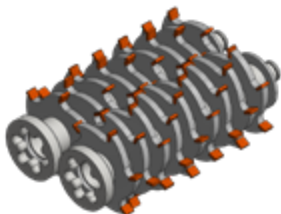
*THE SUCCESSFUL MODEL*

Impaktor 250 EVO II

# OUR MOBILE SHREDDERS



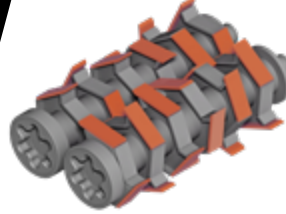
STAR SHAFTS






CONCRETE SHAFTS



PADDEL SHAFTS



## Fields of application IMPAKTOR

-  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 II *The highlights of the optimised successor model*



## WATER SPRINKLER

**Included!** Reduction of dust in the feeding area and at the discharge belt



## REVERSING FAN

**Optional!** Self cleaning fan for ideal air circulation and dirt reduction in the engine compartment



## GRILLE

High air suction volume and optimal accessibility of the engine for service, maintenance and cleaning



## SHREDDING UNIT

Large-volume hopper and two-shaft system incl. optimised **quick-change cassette**



**NEW**



## CONTROL

Newly developed control and display for even more efficiency and user-friendliness



## TRACK SYSTEM

**Included!** Guaranteed high mobility on uneven surfaces



## DRIVE

Powerful **VOLVO PENTA** diesel engine for low fuel consumption and maximum efficiency

POWERED BY  
**VOLVO PENTA**



## COMPONENTS

**Optional!** Optimized shredding processes with the help of a sieve basket or bars



## MAGNET

**Included!** Height adjustable overband magnet for effective FE-separation **including discharge container**



## 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

### DRIVE

	EU	ROW*
Engine (Volvo Penta)	TAD 581 VE	TAD 551 VE
Emission standard	EU Stage V	Stage 3A
Power (kW / HP)	129 / 175	129 / 175
Fuel capacity (l)	300	
Gearbox	Bonfiglioli	

### DISCHARGE BELT

Discharge height (mm)	3.200
Width (mm)	800
Included	Over-belt magnet, discharge container and water sprinkler system

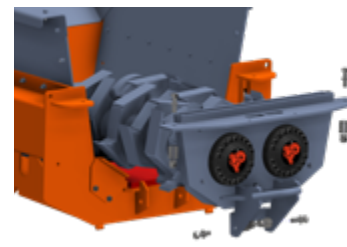
### SHREDDING UNIT

Hopper volume (m <sup>3</sup> )	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.

\*Rest of the world (country-specific requirements)

# IMPAKTOR 250 E evo II *The stationary class*

## MAGNET

**Optional!** Height adjustable overband magnet for effective FE-seperation



## SHREEDING UNIT

Large-volume hopper and two-shaft system incl. optimised **quick-change cassette**



**NEW**

## COMPONENTS

**Optional!** Optimized shredding processes with the help of a sieve basket or bars



## STATIONARY

Use as a stand-alone machine or optional integration into recycling systems according to customer requirements



## DISCHARGE BELT

**Optional!** Conveyor belt for efficient material discharge according to customer requirements



**NEW**

## CONTROL

Newly developed control and display for even more efficiency and user-friendliness



**NEW**

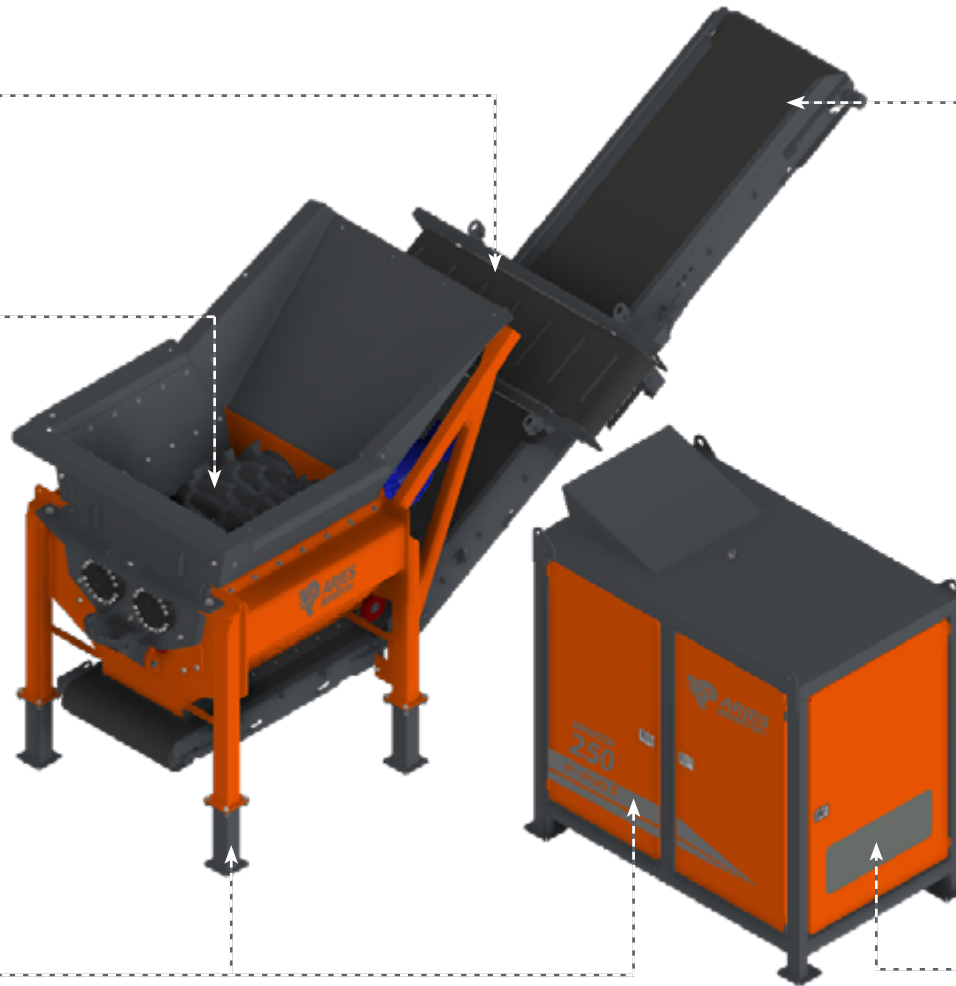
## FREQUENCY CONVERTER

**Included!** With frequency inverter at no extra cost.



## DRIVE

Powerful **electric motor** convinces with high efficiency and low energy costs



## 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

### DRIVE

Motor type Elektric

Power (kW) 160

Gearbox Bonfiglioli

### SHREDDING UNIT

Hopper Volume (m<sup>3</sup>) 2,25

Shaft length (mm) 1.500

Shaft diameter (mm) 680

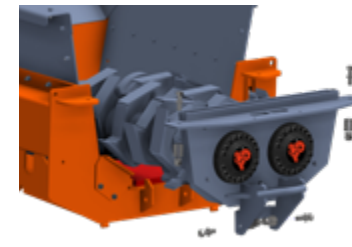
Weight (kg / cassette) 1.800

Rotation speed (U / min) 11 – 35



### Separate drive and Control unit

Due to the separate placement of the shredding and control unit, up to at a distance of approx. 8 m significantly less vibrations on the Steering. 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.

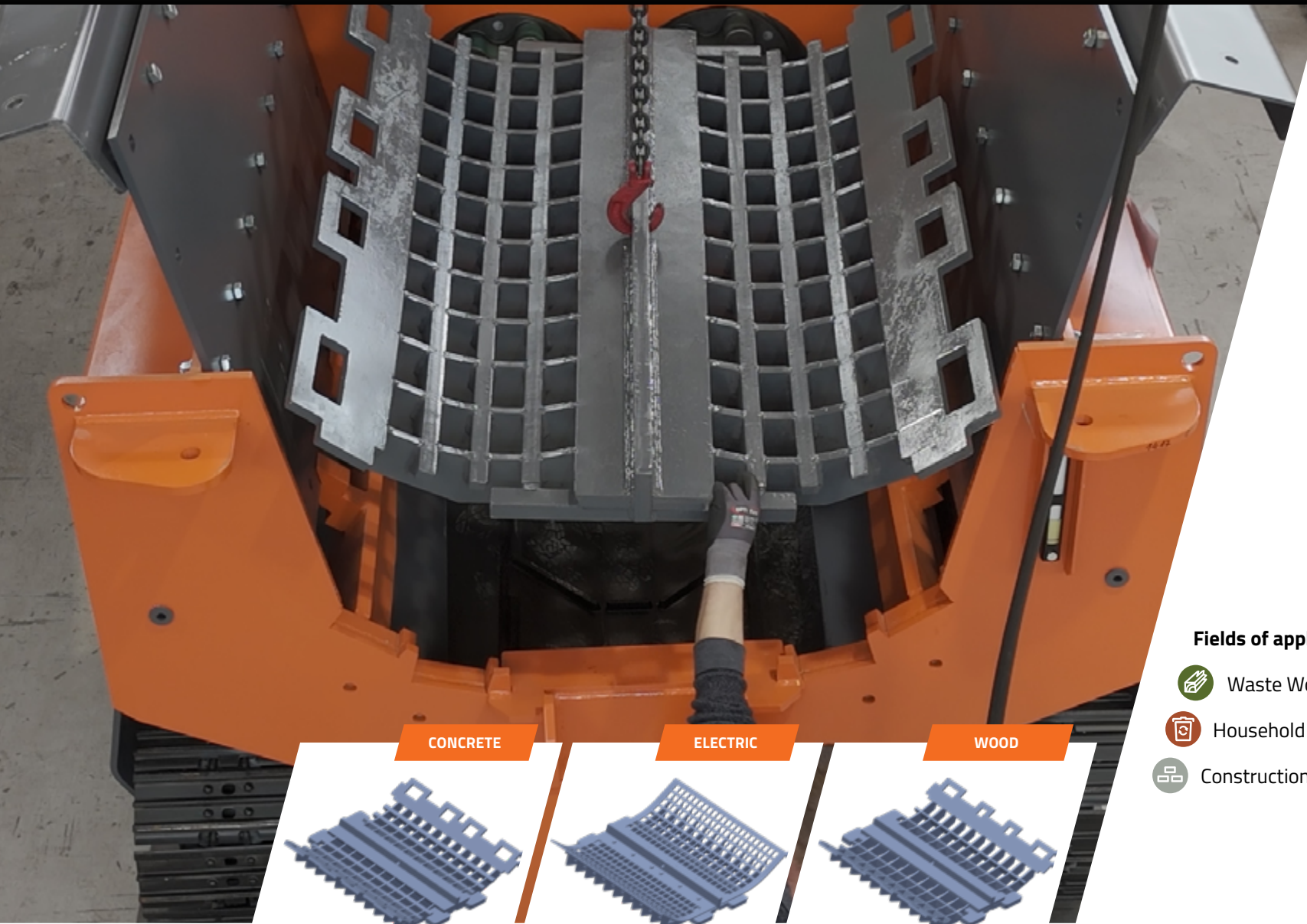


### Manually insertable waveform plates

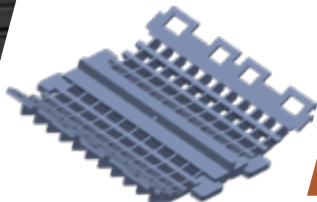
By inserting or removing the plates, the gap width may be modified and thus the final grain size adjusted. In case of worn cutting blades, the plate can be rotated and reinserted several times.

\*Rest of the world (country-specific requirements)

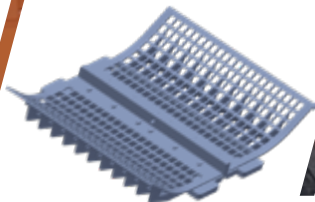
# IMPORTANT COMPONENTS *Optimized performance*



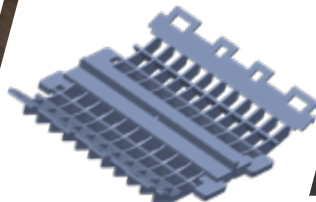
CONCRETE






ELECTRIC



WOOD



## Fields of application IMPAKTOR

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



## STRAINER BASKET

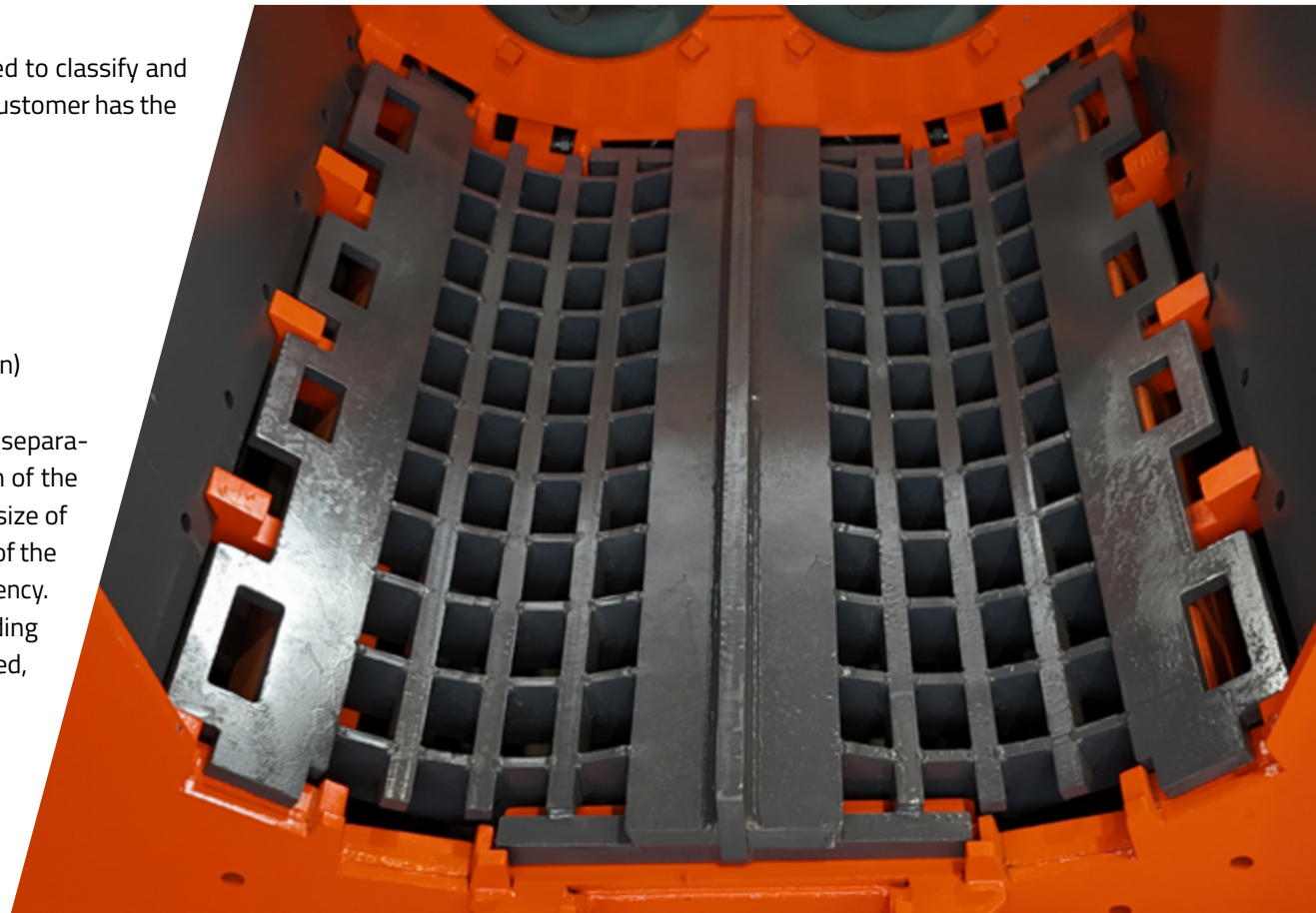
The screen basket is a key component in our IMPAKTOR models, designed to classify and sort materials into different sizes. By selecting different mesh sizes, the customer has the option of adjusting the particle size as required.

Available mesh sizes:

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

As the material passes through the shredding process, the screen 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.





## 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

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: July 2024