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ARJES
IMPAKTOR GmbH



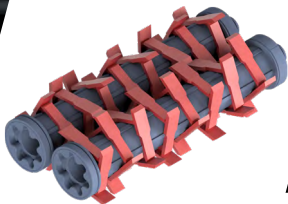
IMPAKTOR 1000
HIGH PERFORMANCE

www.arjes-impaktor.de

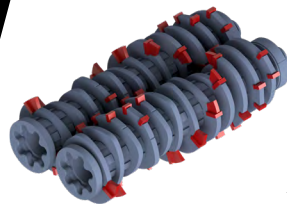
STRONG PERFORMANCE



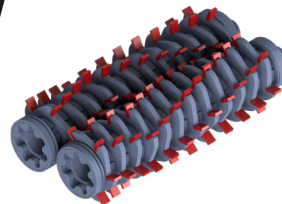
TANGENTIAL SHAFTS



METAL SHAFTS



STAR SHAFTS



Fields of application IMPAKTOR 1000

-  Household & commercial waste
-  Waste wood & biomass
-  Rubber & old tires
-  Paper and cardboard

THROUGHPUT RATES*

Commercial waste	Ø 25 – 50 t/h
Aluminium	Ø 15 – 30 t/h
White Goods	Ø 20 – 40 t/h
Rubber & old tires	Ø 13 – 25 t/h
Car Bodies & metal scrap	Ø 9 – 19 t/h
Engine blocks	Ø 15 – 30 t/h

ARJES IMPAKTOR 1000

With the IMPAKTOR 1000, we're entering a new dimension of shredding – powerful, efficient, and thought through down to the smallest detail. After the IMPAKTOR 1250 and the IMPAKTOR 850 impressively demonstrated their capabilities, and with the IMPAKTOR 750 ready to launch, it was time to raise the bar even higher. Because, as the saying goes, "The impossible is done immediately, miracles take a little longer." Here's our next miracle!

The IMPAKTOR 1000 combines power with precision and sets new standards in efficiency. Similar to its little brother, the IMPAKTOR 850, it impresses with its quiet yet high-performance operation. Noise is a thing of the past – the IMPAKTOR 1000 proves that extreme shredding power doesn't have to be loud. Its powerful shafts enable reliable and flexible processing of a wide variety of materials. Changing shafts is quick and easy, allowing the machine to be effortlessly adapted to changing requirements.

A special feature of the IMPAKTOR 1000 is the quick opening and closing of the hood, allowing maintenance work or adjustments to the machine to be carried out with minimal effort. The reversible fan, already proven in the IMPAKTOR 850, has been further optimized and now ensures even better cooling and efficiency during operation. Cleaning of the

interior has also been further improved, allowing an effective removal of material residues resulting in a reduced downtime.

With the newly developed tangential shafts, the IMPAKTOR 1000 sets new standards in shredding technology. This innovation contributes to even more efficient material processing and further increases throughput. At the same time, the machine remains low-maintenance and reliable in continuous operation. The enclosed conveyor belts reduce maintenance requirements to a minimum, while the intelligent magnetic system – both longitudinal and transverse – ensures effective material separation and thus enables maximum material utilisation.

The IMPAKTOR 1000 is the result of years of experience and intensive collaboration with field experts. Proven technology and innovative new developments merge to create a machine that knows no compromises. With this machine, users are ideally equipped for the challenges of the future and can rely on a reliable, powerful, and adaptable solution for their shredding tasks.

IMPAKTOR 1000 *Power meets precision*



NEW

GEARBOX

Optional! New flexibility through the choice between **synchronous** and **asynchronous** gears. Evaluate T-shafts and Hammel shafts



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



80 dba

NEW

COVERING HOOD

Ideal accessibility to the drive unit due to hydraulic opening of the hood for service, maintenance and cleaning work. Extremely quiet (80dba) through a newly developed intake system.



REVERSIBLE FAN

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



MAGNET

Included! Height adjustable overband magnet for effective FE-separation



DRIVE

Powerful **CAT C13** diesel engine with **404 kW** power for low consumption and maximum efficiency



TECHNICAL DATA

DIMENSIONS

Version	Track system
Length (mm)	14.000 / 10.200 (Transport)
Width (mm)	2.950 / 2.950 (Transport)
Height (mm)	4.500 / 3.300 (Transport)
Weight (kg)	33.000

DRIVE

EU

Engine	CAT C13
Emission standard	EU Stufe V
Power (kW / HP)	404 / 550
Fuel capacity (l)	1.040
Gearbox	Bonfiglioli

DISCHARGE BELT

Discharge height (mm)	5.500
Width (mm)	1.400
Inclusive	Over-belt magnet

SHREDDING UNIT

Hopper volume (m³)	10,00
Shaft length (mm)	2.500
Shaft diameter (mm)	840
Weight (kg / cassette)	6.800
Rotation speed (U / min)	18 – 52



COVERING HOOD

The Impaktor 1000's hydraulically opening hood provides quick access for service, maintenance and cleaning. The optimized air intake system ensures quiet operation with only 80 dB (A) and directs filtered air through the engine, hydraulics and electronics.



WORKING POSITION

with cross magnet on the discharge belt

In use, the upper structure is hydraulically tilted forward and brought into working position. The sieve basket lies below the crushing shafts, while the discharge belt is flexible adjustable in height from 1,000 mm to 5,500 mm, with a maximum discharge height of 5,500 mm.



SERVICE POSITION

The upper structure can be tilted backwards so that the sieve basket can be extended over a rail – all without dismantling the shafts. The cover can be opened hydraulically for maintenance work on the drive unit.



TRANSPORT POSITION

For transport, the upper structure is hydraulically lowered, the discharge belt lowered and tilted to achieve a compact position.

Transportation dimensions:
Height: 3,300 mm
Width: 2,950mm
Length: 10,200 mm



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Disclaimer: We reserve the right to make technical changes, misprints and errors. All specifications refer to the standard version without optional features. Status: August 2023