



GRSS ONE

MACHINE PRODUCT CARD

Mobile PV recycling. A new standard in material recovery.

A mobile or stationary containerised industrial machine for recycling end-of-life and damaged photovoltaic panels. Designed for operation at PV farms, manufacturers, service providers and regional processing centres.



8-24 t

panels per day

approx. 60

panels per hour

85%

declared recovery rate

up to 100

machines per year

From a PV panel to separated material fractions.

01

Closer to the waste source

The mobile design helps reduce the transport of complete panels to distant facilities.

02

Scalable operating model

The machine can operate as a standalone unit or as part of a regional processing network.

03

Fractions for further use

Aluminium, glass, copper and polymers are prepared for subsequent industrial processes.

Technology process

1. Loading a mono or bifacial panel.
2. Preparation and separation using ONE technology.
3. Directing separated materials into individual streams.
4. Further sorting, cleaning and processing.

Who it is for

- PV farm operators and service providers,
- panel manufacturers and assembly plants,
- recycling plants and recovery organisations,
- regional processing centres,
- licensing and distribution partners.



GRSS ONE specifications

Machine type	Mobile or stationary, containerised and automated industrial machine.
Supported modules	Mono and bifacial panels.
Daily capacity	8-24 tonnes of panels per day.
Throughput	Approximately 60 panels per hour.
Recovery rate	Declared recovery rate: 85%.
Certification	The machine is certified. The scope of conformity is specified in the technical documentation.
Production capacity	Up to 100 machines per year.
Origin	Designed by Polish engineers, manufactured and assembled in Poland using European components.
Technology	ONE technology and proprietary know-how.

Offer and deployment

We tailor the machine configuration and deployment scope to the customer's operating model.

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