



Machines • Moulds • Training • Consultancy services • R&D • Product Design



From the **former Precious Plastic collabs team** we now started our own journey to equip the upcoming wave of recyclers around the world with the necessary tools and expertise to harness the potential of recycled plastic. To achieve this, we are committed to distributing small-scale, user-friendly, safe and top-notch plastic recycling machines on a global scale. All our machines are compact, easy to disassemble, and designed to meet CE certification requirements.



Moët Hennessy



PARLEY



PROJECTS

A group of students in a laboratory setting, wearing masks and hijabs, working on a project. They are gathered around a table with a yellow box and a wooden stand. One student is using a long rod to interact with a device on the table.

UNHCR - ALGERIA

In 2021 we partnered with UNHCR to create a recycling centre in the Saharawi refugee camps and empower local refugees with the tool to transform plastic waste into valuable products.





NIGERIA

In 2021 we partnered with Moët Hennessy to equip local recycler with a Sheetpress Pro and Shredder Pro to help him scale his plastic recycling business and help alleviate the plastic problem in Lagos, Nigeria.





JORDAN

In 2021 we collaborated with Princess Lara Faisal to create an all-women led workspace in Amman we brought all the necessary tools and machines to transform the local waste into high value products.



KENYA

We collaborated with the Kenya Red Cross to bring our machines to their local Fab Labs in Lamu island and Mombasa for the youth to explore plastic recycling through innovation.



GABON

We collaborated with the Assala energy to equip a local entrepreneur and recycler with plastic recycling machinery to transform local plastic waste as well as their own internal waste from their facility into beams that can be used as an alternative to wood as well as school supplies.





MACHINES





MAD-SHREDDER PRO



MAD-SHREDDER PRO

The Shredder Pro cuts small and large plastic items into small flakes ready to be melted down and turned into new products.

Technical Data

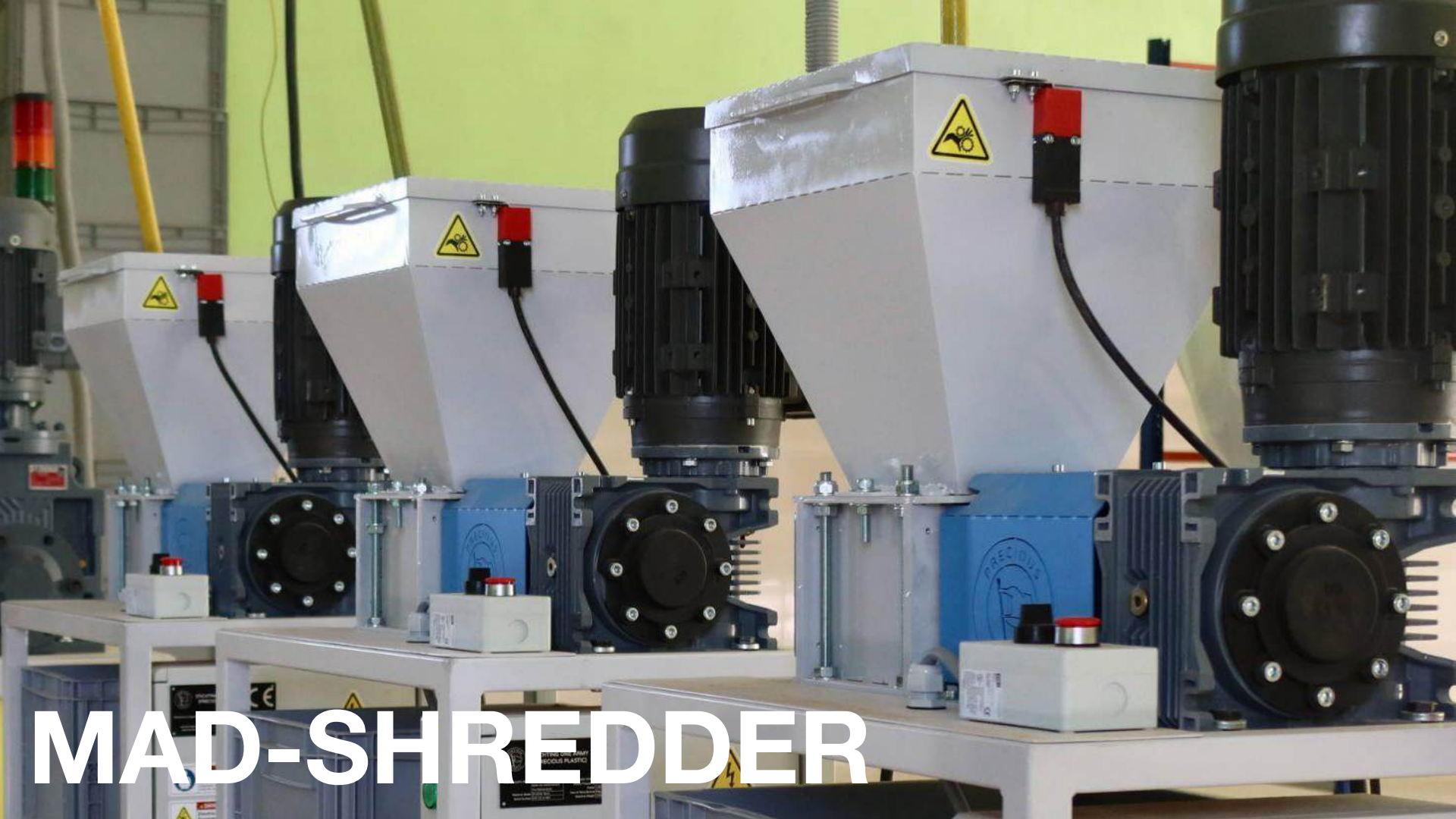
Type	Single shaft
Weight	500 kg
Dimensions	900x700x1600 mm
Voltage (V)	400 V
Amperage (A)	16 A
Nominal Power (W)	4 kW

Input / Output

Input - Plastic Type	PET, PP, PE, PS, ABS
Input - Max. Thickness	20 mm
Input - Size of hopper	400x200 mm
Output - Volume	+/- 100 kg/h
Output - Flakes size	8-20 mm

Price: 10000 € (VAT excl.)





MAD-SHREDDER



MAD-SHREDDER

The Shredder cuts small plastic items into small flakes ready to be melted down and turned into new products.



Technical Data

Type	Single shaft
Weight	90kg
Dimensions	600x400x1200mm
Voltage (V)	400 V
Amperage (A)	16A
Nominal Power (W)	1.5 KW

Input / Output

Input - Plastic Type	PP, PE, PS, ABS, PLA
Input - Max thickness	5 mm
Output - Volume	+/- 10 kg/h
Output - Flakes size	2-20mm

Price : 3500 € (VAT excl.)





MAD-MANUAL SHREDDER

MAD-MANUAL SHREDDER

Hand Cranked Shredder cuts small plastic items such as bottle caps into small flakes without using any electricity.

Technical Data

Type	Dual axis
Weight	20kg
Dimensions	520x200x330mm
Voltage (V)	N/A
Amperage (A)	N/A
Nominal Power (W)	Hand powered

Input / Output

Input - Plastic Type	PP, PE
Input - Max thickness	2 mm
Output - Volume	+/- 1 kg/h
Output - Flakes size	2-20mm

Price : 378€ (VAT excl.)





MAD-EXTRUDER PRO



MAD-EXTRUDER PRO

The Extrusion Pro melts and extrudes shredded plastic to make productions of beams or bricks, among other things.

Technical Data

Type	Single screw
Weight	110 kg
Dimensions	1500x600x1550m
Voltage (V)	400 V
Amperage (AMP)	16 A
Heating power	2 kW
Nominal Power	3 kW

Input / Output

Input - Plastic Type	PP, PE, PS, ABS
Input - Flakes size	2-6 mm
Output - Volume	+/- 20 kg/h

Price: On request.



MAD-EXTRUDER PRO

outcomes





MAD-ARBOR PRESS



MAD-ARBOR PRESS

Plastic flakes are heated and injected into a mould. A relatively quick process well suited for creating series of small, precise objects and workshops.

Technical Data

Machine weight	70 kg
Dimensions	830x700x1300 mm
Voltage (V)	230 V
Amperage (A)	3.5 A
Heating power	0.7 kW
Supply frequency	50 Hz
Barrel volume	150 cm ³
Injection pressure	60 bars

Input / Output

Input - Plastic types	PP, PE, PS
Input - Flake size	1-10 mm
Input - Mould size	max. 250x250 mm
Output - Volume	±1 kg/h
Output - Injection	6-7 inj/h

Price : 2500 € (VAT excl.)



MAD-ARBOR PRESS

outcomes





MAD-SHEET PRESS



MAD-SHEETPRESS

The Sheetpress presses plastic into recycled sheets. It can make multiple sheets a day recycling up to 40 kg of plastic per sheet.



Technical Data

Weight	450 kg
Dimensions	2041x2133x1780 mm
Power (W)	15 KW
Voltage (V)	400 V
Amperage (A)	32 A
Pressure	10 kPa

Input / Output

Input - Plastic types	PP, PS
Input - Distance between plates	300 mm
Output - Size of sheet	1200 x 1200 mm
Output - Sheet thickness	4-35 mm
Output - Sheets/day	3-8

Price : On request.



MAD-SHEETPRESS

outcomes





MAD-SHEET PRESS MINI



MAD-SHEETPRESS MINI

The Mini Sheetpress presses plastic into recycled sheets. It can make multiple sheets a day recycling up to 8 kg of plastic per sheet.

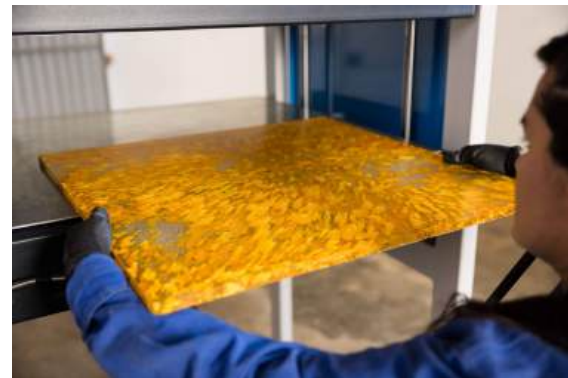
Technical Data

Weight	450 kg
Dimensions	800x800x1780 mm
Power (W)	5 KW
Voltage (V)	400 V
Amperage (AMP)	16 A
Pressure	2.2 bars

Input / Output

Input - Plastic types	HDPE, PP, PS
Input - Max. Distance between plates	200 mm
Output - Size of sheet	600 x 600 mm
Output - Sheet thickness	4-20 mm
Output - Sheets/day	3-8

Price : 9,000 € (VAT excl.)





MAD-SHEET PRESS MODULAR



MAD-SHEETPRESS MODULAR

The Modular Sheetpress presses plastic into recycled sheets. This machine grows as your business grows, starting by making 120x60 sheets and can grow to make sheets that are 120x240 cm each.

Technical Data

Weight	820 kg
Dimensions	1790x780x1700 mm
Power (W)	9 KW
Voltage (V)	400 V
Amperage (AMP)	16 A
Plug	P17 CEE 3P+N+T
Pressure	2.2 bars

Input / Output

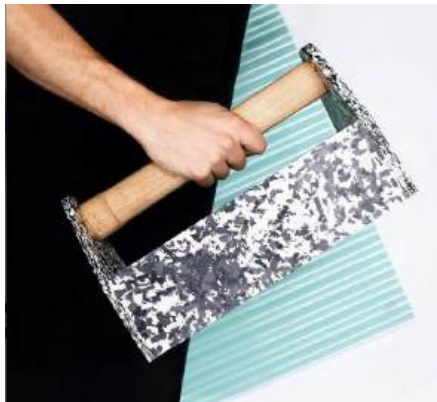
Input - Plastic types	HDPE, PP, PS
Input - Max. Distance between plates	200 mm
Output - Size of sheet	1200 x 600 mm
Output - Sheet thickness	3-50 mm
Output - Sheets/day	2-8



Price: 12,000 € (VAT excl.)

MAD-SHEETPRESS MINI / MODULAR

outcomes



SOLAR WORKSPACE



Technical Data

Type	Mixed
Container Dimensions	20-40 ft
Voltage (V)	230 V / 400 V
Nominal Power (W)	12 kW max.
Solar panels power	12.6 kW
Inverter	12kW
Lithium Batteries	24 kWh 48V

Possible Input / Output

Input - Plastic Types	PP, PE, PS, ABS, PLA
Output Shredder plastic	100 kg/h
Output Injected products	+/- 1 kg/h
Output Extruded beams	20-25 beams/day

Price : On request.





INSTALLATION & TRAINING

INSTALLATION & TRAINING

The skilled members of the Mad Plastic team will visit your location to establish your brand-new plastic recycling workspace and provide comprehensive training to your team members, ensuring they are well-prepared to embark on their plastic recycling journey.



A photograph of three men in a workshop setting. Two men on the left and right are wearing blue long-sleeved shirts with a circular logo on the chest. The man in the center is wearing a black t-shirt with the word 'GIVO' in green. They are all smiling and holding up a large, rectangular board covered in a dense layer of small, colorful confetti or plastic shavings. The background shows a workshop with yellow safety railings and a wooden ceiling.

LET'S TALK!

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