



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

PROJECTS



UNHCR - ALGERIA

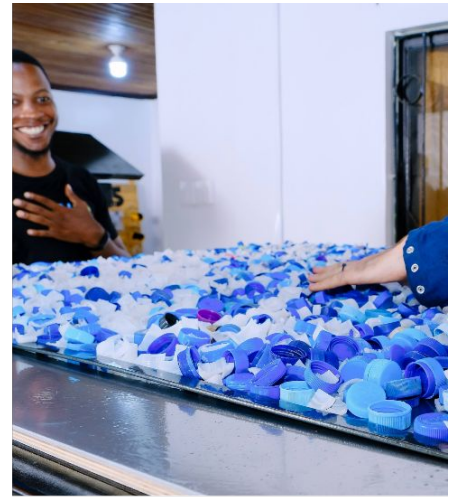
In 2021 we partnered with UNHCR to create a recycling centre in the Saharawi refugee camps and empower local refugees with the tool to transform plastic waste into valuable products.





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

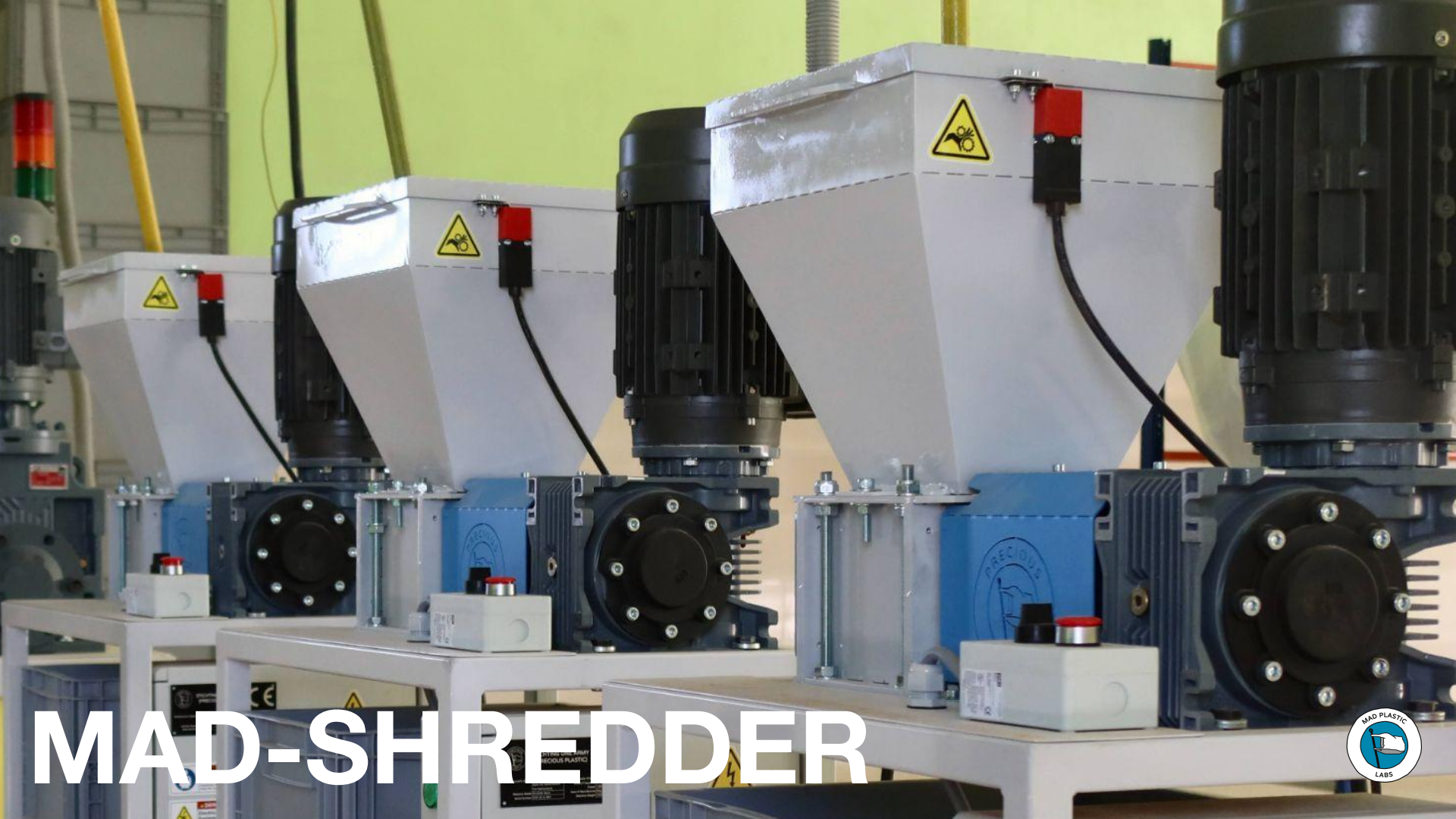
In 2021 we collaborated with Princess Lara Faisal to create an all-women led workspace in Amman we brought all the necessary tools and machines to transform the local waste into high value products.





MACHINES





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 €





MAD-SHREDDER PRO





MAD-SHREDDER PRO

The Shredder Pro cuts small and big 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	PP, PE, PS, ABS, PLA
Input - Max. Thickness	20 mm
Input - Size of hopper	400x200 mm
Output - Volume	+/- 100 kg/h
Output - Flakes size	8-20 mm



Price: 10000 €





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.





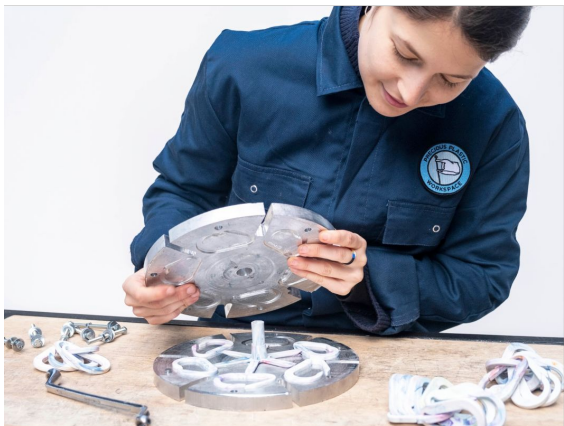
MAD-INJECTOR





MAD-INJECTOR

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

Weight	70 kg
Dimensions	830x700x1300 mm
Voltage (V)	230 V
Amperage (A)	3.5 A
Heating power	2 kW
Barrel volume	150 cm ³
Injection pressure	80 bars

Input / Output

Input - Plastic types	PP, PE, PS
Input - Flake size	1-10 mm
Input - Mould size	max. 475x475 mm
Output - Volume	±1 kg/h
Output - Injection	6-7 inj/h



Price: 1750€





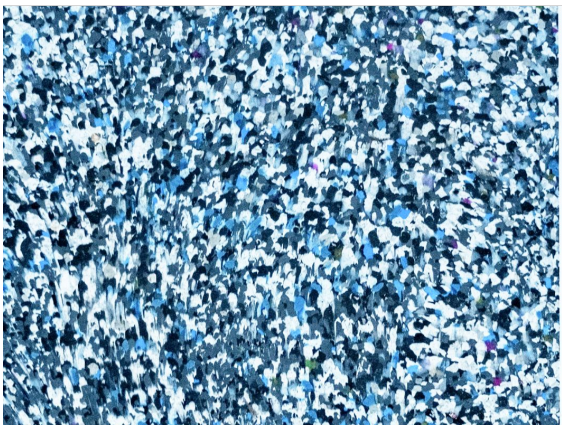
MAD-SHEET PRESS





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: 29760€





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.

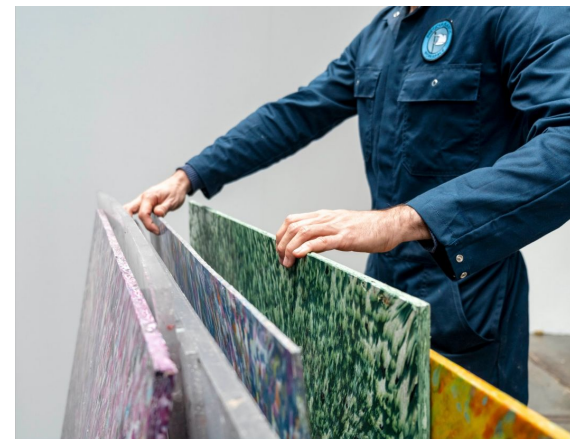
Technical Data

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: 12000€





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.

Price: On request.





LET'S TALK!

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