

CHIPS MAKER



Go Nettuno, and your way of working will never be the same:
pure innovation, unmatched precision, breakthrough technology made to own every challenge.
Take control.



Details.

From Waste to Resource.

Chips Maker is the smart solution for turning polystyrene waste into a valuable resource.

Thanks to an advanced cutting system and a fully optimized process, it converts EPS and XPS into uniform chips, ready for recycling or packaging.

It is the ideal choice for companies looking to reduce material costs, simplify waste management, and adopt truly sustainable practices — without compromising on quality and Made in Italy reliability.

ChipsMaker

Attention to details.



For more detailed technical information, please refer to the complete data sheet on page 11.

Compact Efficiency.

Material is fed through a hopper, while wire geometry and precise motion guarantee consistent cutting performance, even with high material volumes. The motorized mobile frame allows fine adjustment of cutting speed, while wire temperature control makes it possible to produce chips and cubes with specific, customizable dimensions.

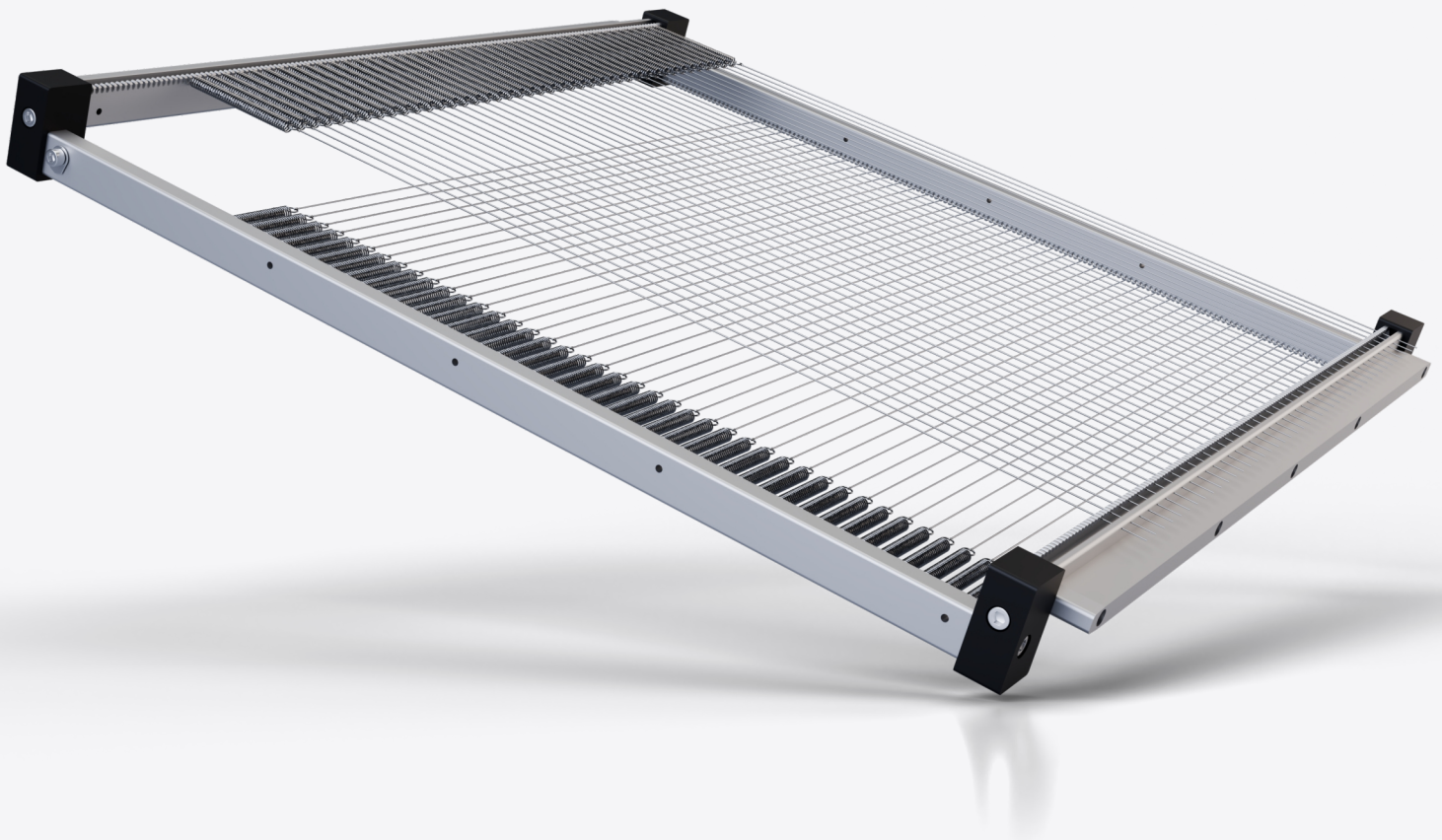
The compact, space-saving structure, combined with components designed for durability and continuous operation, makes Chips Maker an efficient solution for waste management in industrial environments.

The system is completed by sliding bag-holding tables, enabling continuous material collection and helping maintain high productivity while minimizing downtime.



120 hot wires

The Core System.



Stationary harp.

80 crossed
hot wires



Movable harp.

40 hot wires
to refine the chips



Hot wires.

120 total wires
Ø 0,25 titanium

The Chips Maker polystyrene cubing machine is designed to produce uniform chips and cubes, ideal for both packaging and polystyrene recycling.

The system uses two crossed multi-wire harps: a stationary one with 80 wires and a movable one with 40 wires, for a total of 120 wires, working together to ensure uniform and controlled size reduction.



1.

Collection and Sorting: EPS and XPS sourced from sites, cleaned and free of impurities.



2.

Size Reduction: Material is fed into the Dicing Machine.

3.

Dual-Harp Cutting: Total precision with 120 crossed wires.

4.

Uniform Chips: Ready for packaging or recycling.



Design your chips.

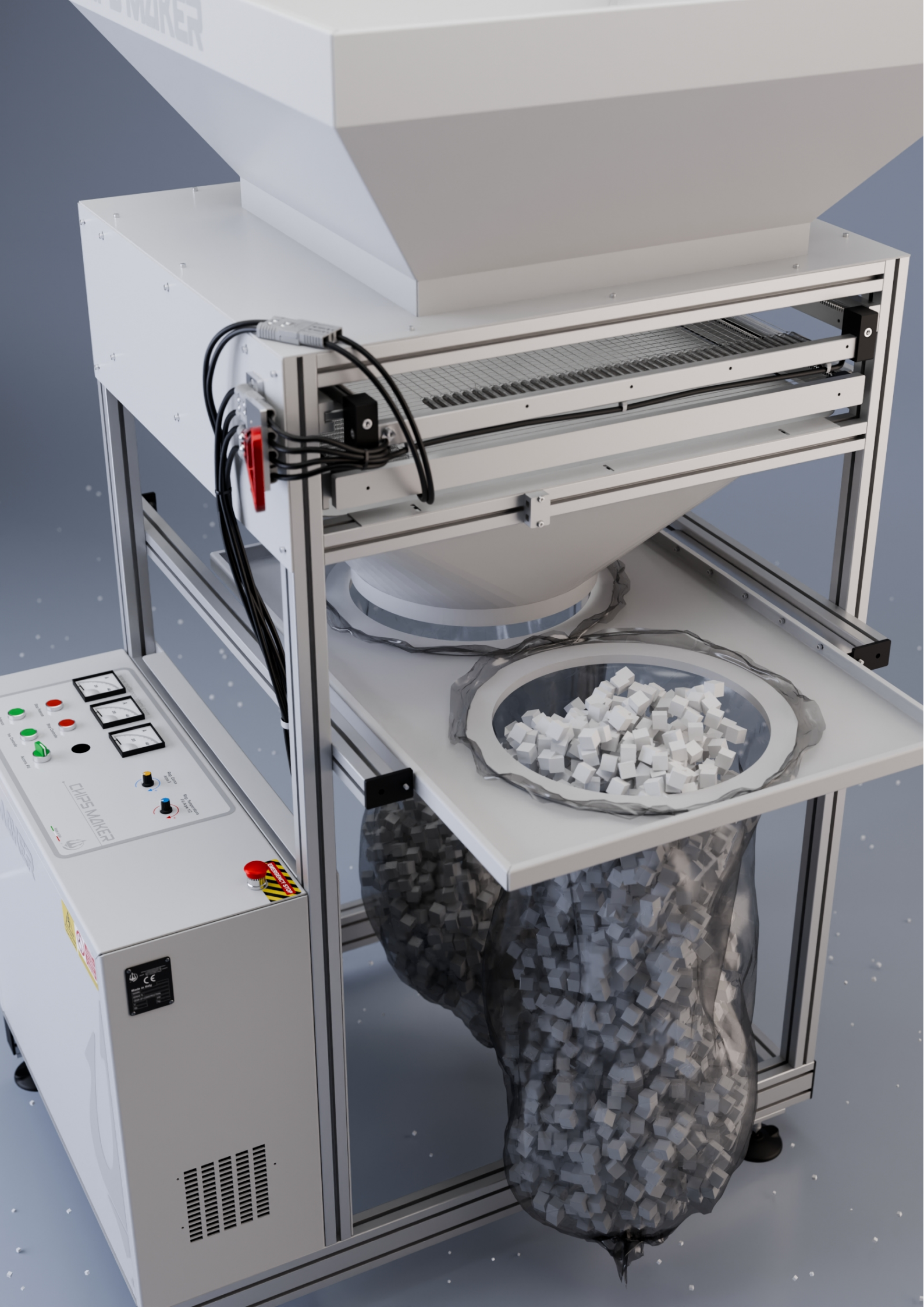
Maximum flexibility for any production need:
recycling or packaging.

It allows the creation of fully customizable chips, adjusting size, shape, and texture to meet operational requirements. A controlled, reliable, and adaptable process, designed to optimize both recycling and everyday processing.

Here's how it works.

Thanks to dedicated potentiometers and adjustable multi-wire harps, it is possible to precisely set both the speed of the motorized harp and the temperature of the cutting wires.

The position and spacing of the wires determine the final shape of the chips, allowing exact control over the length, thickness, and overall geometry of the polystyrene pieces.



Clean collection.

The two bag-holding discs, mounted on a convenient sliding support, allow continuous production without interruptions.

When one bag is full, simply slide the carriage to switch instantly to the empty bag, ensuring an organized collection without wasted time.

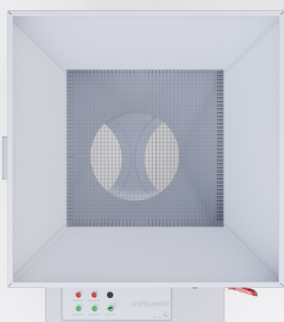
This system optimizes workflow, keeps the area clean, and ensures faster and more efficient recycling.



Integrated control panel.

All You Need,
Together.

Chips Maker



Structure: Anodised aluminium profiles

Number of harps: 2 (1 stationary with crossed wires + 1 movable)

Movable harp stroke: 30 mm

Movement accuracy: +/- 0.05 mm

Max. nr of wires: 80 stationary harp | 40 movable harp

Wires length: 670 x 670 mm

Min. distance between wires: 15 mm

Cutting wire type: Ø 0,25 Ti

Power supply: 220/239V (1F+N) 50/60Hz 7,5 kW

Wire tensioning: Springs

Wires temperature adj.: External potentiometer

Motors: Stepper

Bag holding discs: 2

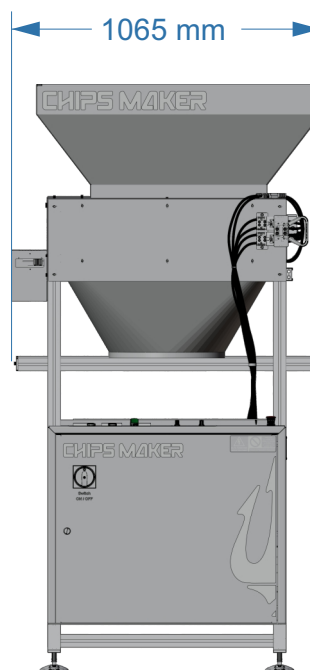
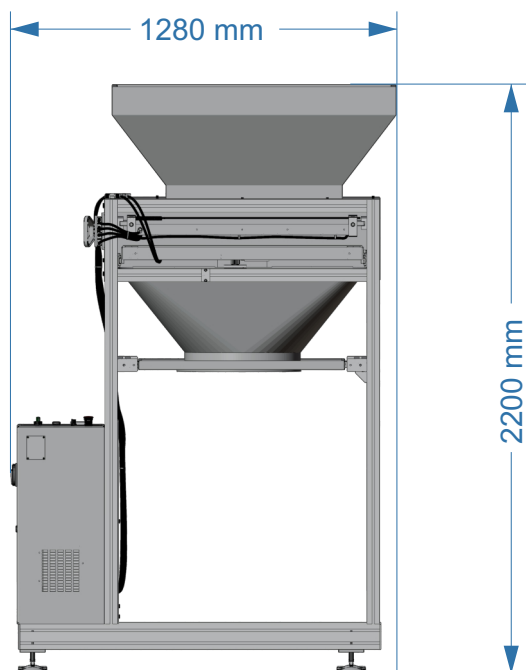
Inner diameter of disc: Ø 400 mm

Height between discharge port and floor: 1100 mm

Loading hopper: Max. top width 1000x1000 mm; Min. bottom width 620x620 mm

Weight: 400 kg

Overall dimensions:



Your vision, powered by our systems.

Nettuno Sistemi S.r.l.

2ª Zona Industriale
89026 San Ferdinando (RC) Italy

+ 39 (0)966 716620

international@nettunosistemi.com

info@nettunosistemi.com

www.nettunosistemi.com



Technical specifications may vary depending on the selected product. Images are for illustrative purposes only. For commercial information or to choose the solution best suited to your needs, please contact Nettuno Sistemi.

