

**HYPER
SHREDDER**

POLY RENEW 515
GRANULATOR FOR POLYSTYRENE

**ECO
FRIENDLY
100%**

MIKEA



Recycle
SMART AND
ECONOMICAL

✓ **VOLUME REDUCTION 1:4**

✓ **HARMFUL FUMES EXTRACTION**
HEPA 13 (WORLD'S ONLY)

✓ **SAFE LOADING SYSTEM** WITH
CLOSED BOX. (NOTHING CAN
ACCIDENTALLY FALL OUT)

POLY RENEW 515 Granulator: Innovation in Polystyrene Waste Management

The POLY RENEW 515 Granulator represents a cutting-edge solution for the efficient transformation of polystyrene waste into reusable granules. This system is perfect for **producing high-quality packaging material** and is also used for other creative applications, such as filling for cushions and bean bags, or as a lightweight component for lightweight concrete floors and screeds.

Featuring a closed loading mouth and an advanced **HEPA filtration** system, the POLY RENEW 515 Granulator ensures maximum safety and minimizes the dispersion of particles into the environment. Its ability to shred polystyrene boxes and scraps with a volume reduction ratio of about 1:4 makes it extremely efficient.

The intuitive control panel of the POLY RENEW 515 Granulator is designed for simple and safe use, with clear indicators for start-up, stop, and emergency situations. Moreover, thanks to its compact size and brake-equipped wheels, the granulator is easy to maneuver and suitable for any workspace.

Ideal for both large industries and small businesses, this machinery integrates two high-precision rotors that granulate the material, then collecting it in plastic bags for easy disposal or reuse.

RECYCLES THERMAL INSULATION COAT SCRAPS



RECYCLE FOOD BOX



RECYCLE PACKAGING WASTE



| Model | Motor (HP) | Power supply | Noise level (dB) | Density of polystyrene (kg/m3) | Dimensions loading mouth(mm) | Dimensions LxAxP (mm) | Weight |
|------------------|------------|-----------------------|------------------|--------------------------------|------------------------------|-----------------------|--------|
| POLY RENEW 515 M | 4 max | 230V/50Hz o 230V/60Hz | 70 | <30 | 745x515x230mm | 900x1880x830cm | 234 kg |
| POLY RENEW 515 T | 5,5 | 3x400V/50Hz 16A | 70 | <30 | 745x515x230mm | 900x1880x830cm | 234 kg |

FIELDS OF APPLICATION

The POLY-RENEW 515 Granulator is the ideal choice for reducing polystyrene waste into granules, creating packaging materials and other uses such as filling for cushions and beanbags, or as a component for screeds and lightweight concrete floors.



☒ FILLING FOR PACKAGING



Bagged granulated polystyrene is a perfect material for protecting packaging, even fragile items.

☒ LIGHTWEIGHT CONCRETE



Granulated polystyrene is widely used in construction as a lightweight component in concrete floors and screeds.

☒ FILLING OF ARMCHAIRS



Granulated polystyrene is widely used in the crafts field for filling bean bags, sofas, and cushions in general.

GRANULATOR FOR POLYSTYRENE

POLY RENEW 515

Transform Polystyrene, Protect the Environment, Meet Your Needs!



WHY CHOOSE POLY RENEW 515

- ✓ IS A SOLUTION FOR RECYCLING ANY TYPE OF POLYSTYRENE, SUCH AS FOOD BOXES, SCRAPS FROM THERMAL COATS, OR PACKAGING FROM APPLIANCES!
- ✓ EFFICIENTLY TRANSFORMS USED POLYSTYRENE BOXES AND MATERIALS INTO PRACTICAL PACKAGING, SAVING BOTH TIME AND MONEY
- ✓ FREES UP WAREHOUSE SPACE OCCUPIED BY POLYSTYRENE WASTE.
- ✓ ELIMINATES THE DISPOSAL COSTS ASSOCIATED WITH POLYSTYRENE.
- ✓ ENVIRONMENTALLY FRIENDLY, SPACE-SAVING, AND COST-EFFECTIVE..

TECHNICAL ADVANTAGES

- ✓ HIGH-QUALITY COMPONENTS. BUILT FOR MAXIMUM RELIABILITY.
- ✓ BLADES MADE OF STEEL, RESISTANT EVEN TO SMALL METALLIC PIECES.
- ✓ EQUIPPED WITH A VACUUM CONNECTION WITH A HEPA FILTER.
- ✓ COMPLETE WITH SWIVEL WHEELS WITH BRAKE.
- ✓ SIMPLE, INTUITIVE, AND SAFE CONTROL PANEL.
- ✓ ROBUST STRUCTURE ENTIRELY MADE OF STEEL AND METAL.
- ✓ POLYSTYRENE INPUT MOUTH WITH FLIP CLOSURE, DEFINES THE SAFEST SYSTEM ON THE MARKET.



✓ Large loading mouth.



✓ Recycle any type of polystyrene.



✓ Intuitive and secure control panel.



✓ Optional suction system.



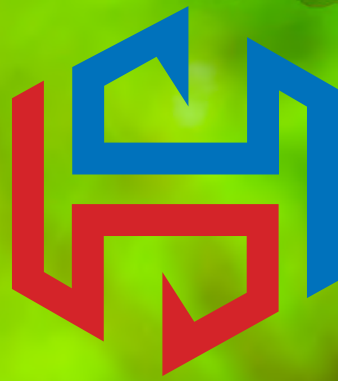
✓ bag collection system, easy to replace.



✓ Large reduction in the volume of waste polystyrene.



Thanks to our dedicated vacuum systems HEPA13 (optional), **particles are extracted** directly from the cutting chamber and conveyed **to the vacuum**, preventing them from becoming airborne.



**HYPER
SHREDDER**

The **POLY RENEW 515 polystyrene granulator is equipped with a connection for dust extraction systems.**



Hypervak 2 Pulse

2200 Watt
2 Secondary filters HEPA D.O.P.
1 Primary filter HEPA + PTFE
Continuous bag collection system



Hypervak 1 Pulse

1100 Watt
1 Secondary filters HEPA D.O.P.
1 Primary filter HEPA + PTFE
Continuous bag collection system



Hypervak 220 Tools

2200 Watt
Automatic filter cleaning
2 Filters HEPA + PTFE
Made of 430 steel
20 liter quick release container

POLY RENEW 515

FOLLOWS THE CIRCULAR ECONOMY

No Waste of Used Polystyrene



**Protects
our Planet**

**More space
and lower costs
in the warehouse**

Hyper Shredder® is a trademark
produced and distributed by

MIKEA

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**SETTING NEW
STANDARD**

Il Tuo Distributore:



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