

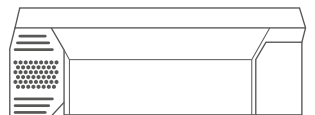
ECOSTAR

The next recycling technologies™



HEXTRACTOR

This aeraulic screening system is an innovative machine that separates light materials with precision and in a small space by means of a double air flow, blown-in and extracted, during the screening process.



**COMPATIBLE WITH
ALL HEXACT MODELS**

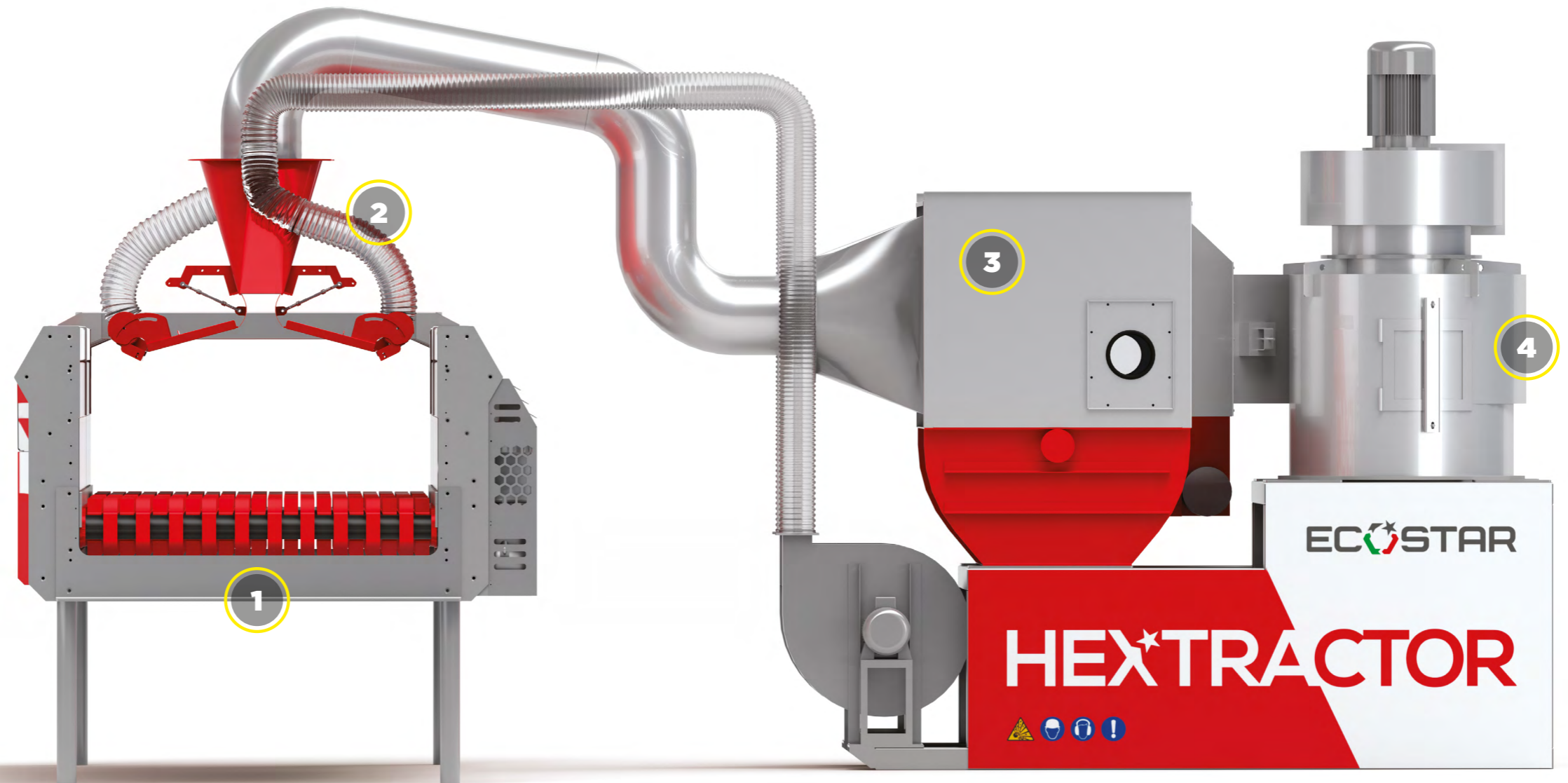
THE STRENGTH OF AIR, THE PRECISION OF THE HEXAGONAL DISC

AERAULIC DYNAMIC SCREENING SYSTEM

- 1) Hexact modular screen
- 2) Insufflation/suction hood
- 3) Rotary valve
- 4) Cyclone



Hextractor is a suction system connected to Hexact, the modular DDS technology-based machine. It ensures high processing capacity, precision in separation, and the reduction of structural costs, as it produces a greater quantity of waste materials ready for recycling in the same amount of space.



UNITY IS STRENGTH

By combining the strength of the air with the precision and speed of Hexact's hexagonal disc screens, **Hextractor is the ideal system for separating plastic parts or light contaminating parts from any type of material, such as wood or compost.** Even when it comes to processing multi-material fractions, Hextractor separates light from heavy plastic much more efficiently, adding value to more materials in less time and increasing revenues.

AERAULIC DYNAMIC DISC SCREENING

Hextractor works in combination with Hexact. The hood extracts light plastic parts, leaves, and dust as the material flows over the modular screen. The extracted material is placed in a first room, where the plastic and the leaves are deposited, while the powders continue in the "cyclone", where they settle, and the air is expelled.

The result is perfectly separate and clean material, ready for recycling treatments.

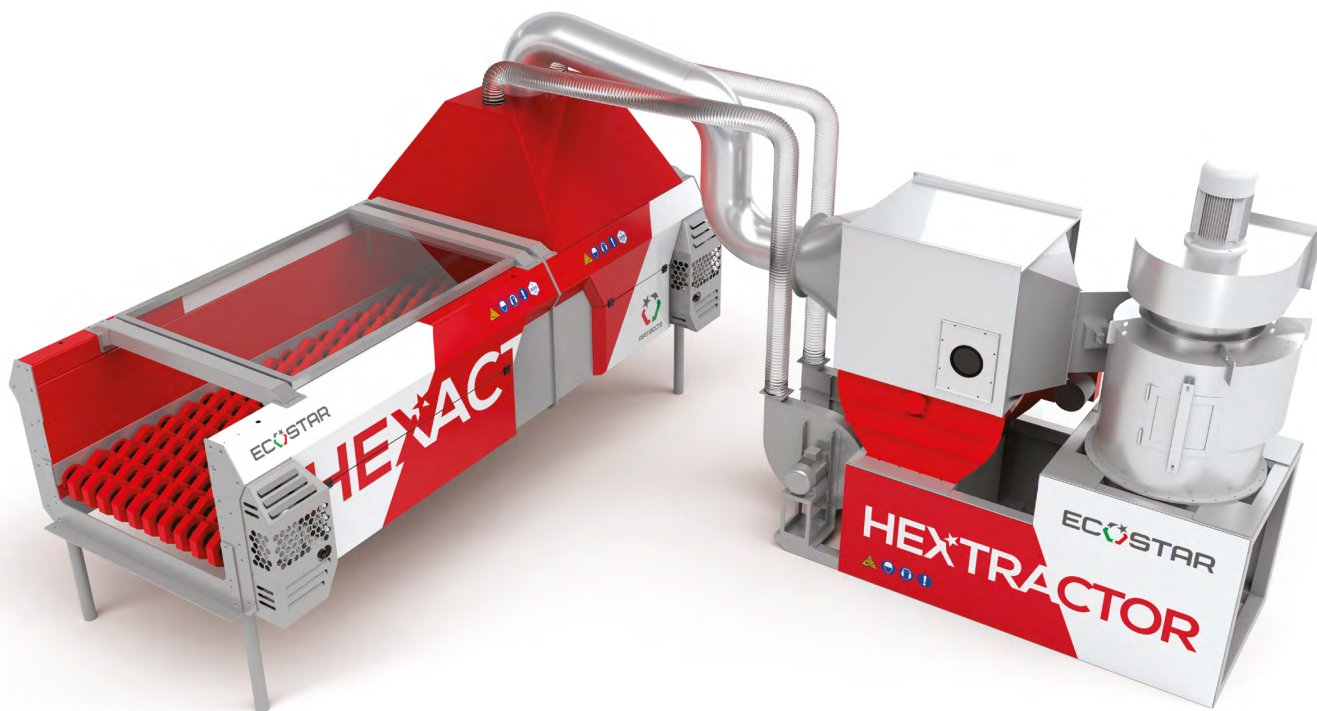
PATENTED TECHNOLOGY

Unique in its kind, it uses a series of shafts with **hexagonal or octagonal flat discs** made of Hardox steel to ensure maximum wear and abrasion resistance. Thanks to this special shape, the material flows over the screening discs and is subjected to up-and-down vibrations that separate the waste components. The screened material falls through the screening plane, that is, through the spaces between the discs; the material that remains on the discs is conveyed to



the end of the screening plane itself. **The result is a separate and clean fraction, ready for the respective recycling processes.**

THE IDEAL SOLUTION TO SEPARATE
LIGHT PLASTIC PARTS FROM WOOD,
COMPOST, MSW AND MULTIMATERIALS.



HEXTRACTOR 1500

WIDTH	MM	2000	
HEIGHT	MM	2500	
LENGTH	MM	5000	
INSTALLED POWER	KW	48	
MAX AIR FLOW RATE	M ³ /H	35.000	SUCTION ADJUSTABLE BY INVERTER
BLOWN-IN AIR BLADES	N°	2	ADJUSTABLE BY INVERTER
BLOWN-IN AIR FLOW RATE	M ³ /H	2.500 x 2	

Technical data are indicative and can be varied by Ecostar Srl without notification.

Ecostar Srl

Via L. da Vinci 3
36066 Sandrigo
Vicenza, Italy

E: info@ecostarsrl.it
W: www.eco-star.it
P: (+39) 0444 750 942



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