



DYNAMIC SCREEN HEXACT 5000



DESCRIPTION

This dynamic screening machine falls into the innovative category of new-generation screening machines with discs. The Dynamic Screen is used with outstanding results in the separation of waste of all sorts, urban waste, industrial waste of any sorts, wood, tires, car fluff, metals, compost, etc

The undivided material, which is loaded at the front of the machine by means of a conveyor belt, is passed over the discs of the screen, where it is strongly shaken up and down and separated into two fractions:

1. the underscreen material falls down under the screening surface, passing through the spaces between the discs.
2. the material above the screen continues towards the end of the screening surface, where any undesired materials are screened off thanks to continuous shaking movements. The clean dry fraction obtained is now ready for the next recycling or energy recovery treatments.

The originality of the ECOSTAR Dynamic Screening machine lies in the invention of a simple but efficient anti-clogging patented system that is the result of many years of experience, researches and tests.

It represents an innovative solution in the field of waste separation, with significant advantages never seen before with the traditional screening systems.



ADVANTAGES

VERY HIGH PRODUCTION CAPACITY: with a suitable shredder, it is possible to obtain a much higher production capacity compared with the screening systems with rotating drum.

CONTAINED DIMENSIONS: The Dynamic Screen works shaking the material. Thanks to this movement, the separation improves and get faster. So, we can obtain high production with limited dimensions that permit to save space.

LOW POWER ABSORPTION RATE

7,5 kW → up to length = 4.000 mm

15 kW → with length over 4.000 mm

NEVER-SEEN-BEFORE CLEANING OF SEPARATED MATERIALS – a high cleaning degree is obtained by shaking the material up-and-down.

REDUCED NEED FOR MAINTENANCE – thanks to the anti-clogging patented system, the dynamic screening machine requires very reduced maintenance.

INSTALMENT FLEXIBILITY – given its reduced dimensions, this dynamic screening machine is suitable for many installation options

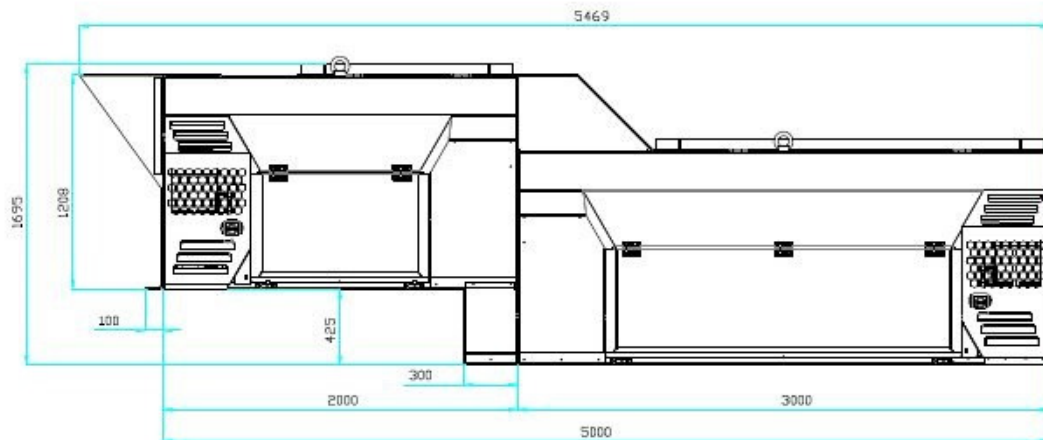
LOW COSTS – the price of this dynamic screening machine is highly competitive, compared to other screening machines, in terms of performances and operating costs.

TECHNICAL DATA HEXACT 5000

TECHNICAL DATA SHEET		
DYNAMIC SCREEN 5000 Ø20+60 HEXACT		
Stationary electric version		
Screening size	mm	0 – 20 + 60
Total length	mm	5.000
First screening part (2 meters long)	mm	20
Second screening part (3 meters long)	mm	60
Width	mm	1.400
Screening surface	m ²	7
Disc shape	-	Octagonal
Gearmotors	Nr.	2
Power installed	KW	7,5
Voltage / Frequency	V / Hz	480 - 50
Weight	KG	5.500



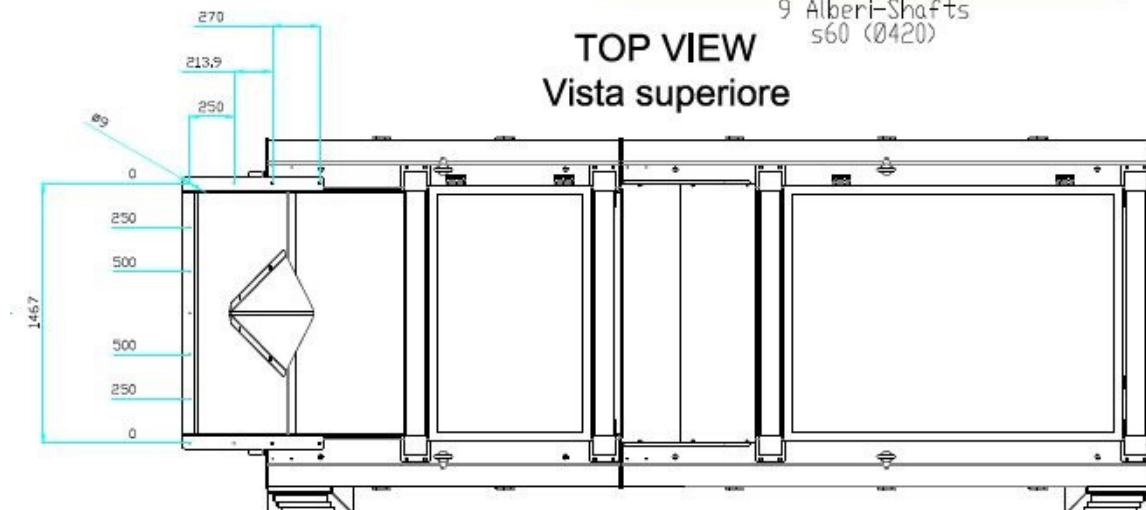
LONGITUDINAL VIEW
Vista laterale

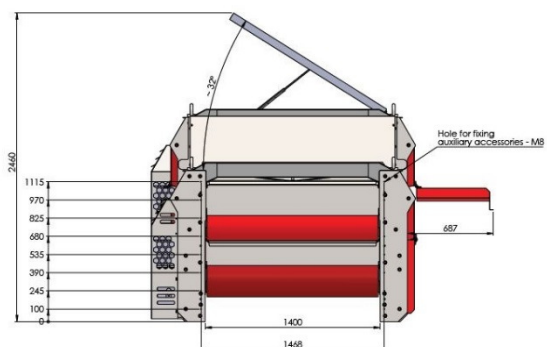
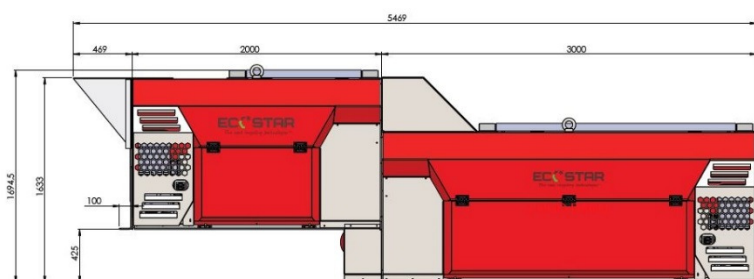
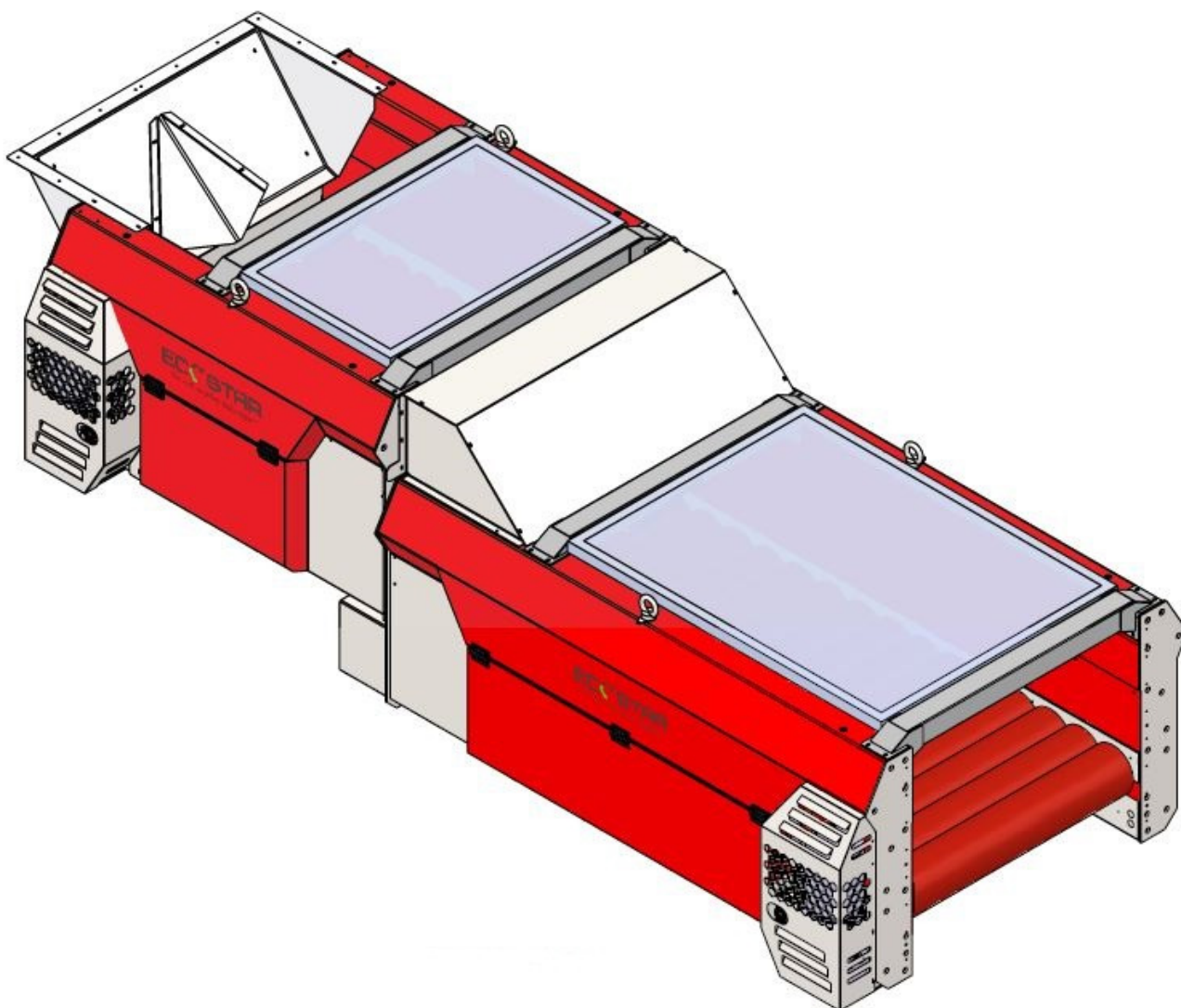


LONGITUDINAL SECTION
Sezione longitudinale



TOP VIEW
Vista superiore







PICTURES

