

Performance, saving, environment: a new frontier.

Dynamic disc screen.
A six side revolution



thenextrecyclingtechnologies

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The inventors of the Dynamic screen

Ecostar's Dynamic screen: manufactured upon own patents, it belongs to the new generation of disc screens.

Unmatched in his category, it comprises a number of hexagonal discs shafts with patented flat profile.

The disc: heavy-duty and resistant it is assembled on independent shafts and it can be manufactured in different sizes and sections.

How does it work? The shredded material, through a convey belt, goes across the screen discs and receives a shaking movement aimed to separate the two waste fractions. The under-screened material falls on the under part of the screen surface, going through the spaces among the discs; the over screened material reaches the end of the screen. Thanks to the shaking movement we will obtain a clean and dry fraction, ready to be used for any recycling or energy production process.

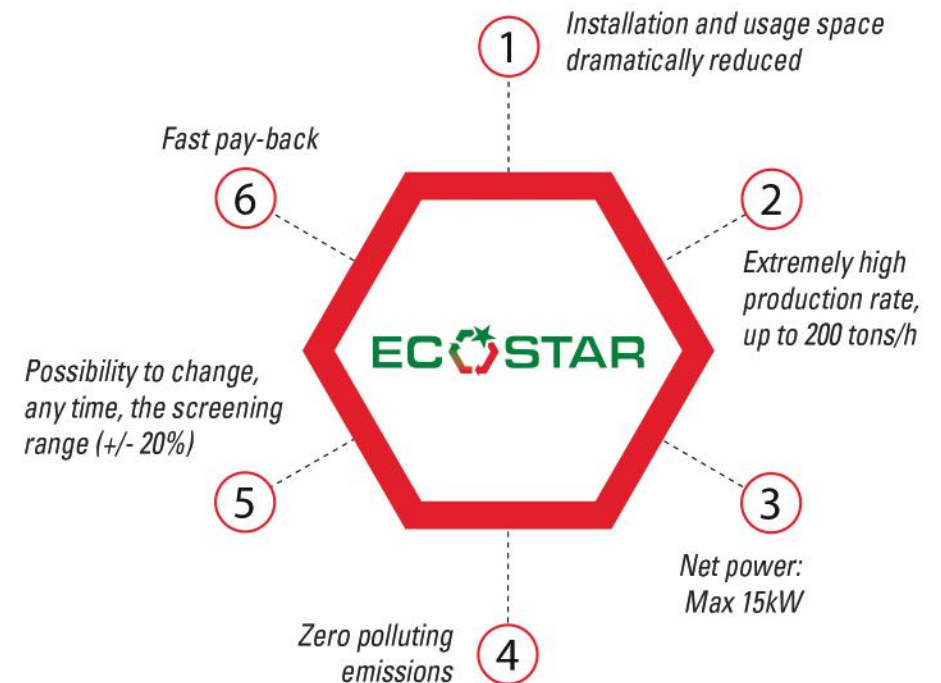
Anti-wrapping system: another Ecostar's International patent. It allows the sleeves to idle and freely move through the discs, guaranteeing an anti-clogging or wrapping process.

Processing timing and costs, assistance need and productive results: outstanding advantages compared to traditional, vibrating, trommel and star screening machines.

Reduced dimensions: the dynamic screen, compared to traditional technology ones, can be set in small spaces.

The six sides of the Ecostar revolution

MADE IN ITALY



Less space, more quality,
more production.
Ecostar is worthwhile.



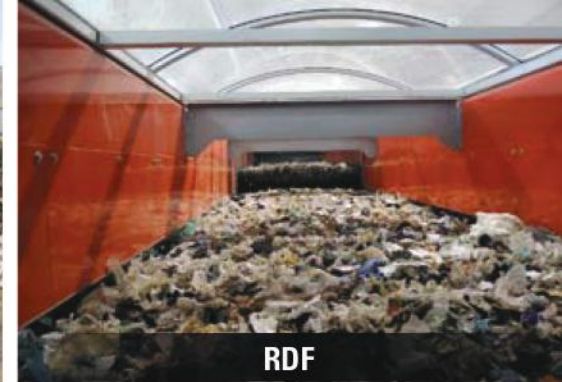
MSW & LANDFILL



LANDFILL RECLAMATION



ORGANIC & BIOGAS



RDF



RECYCLED WOOD



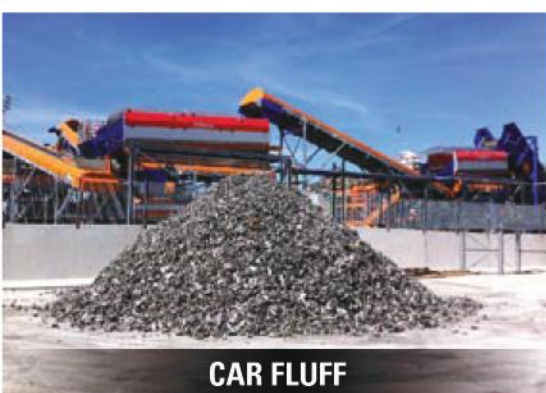
COMPOST



BIOMASS



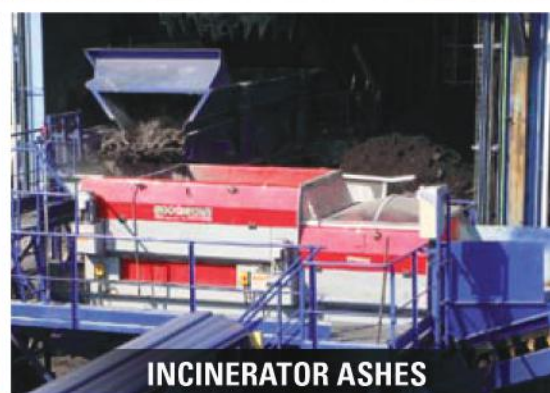
PAPER & CARDBOARD



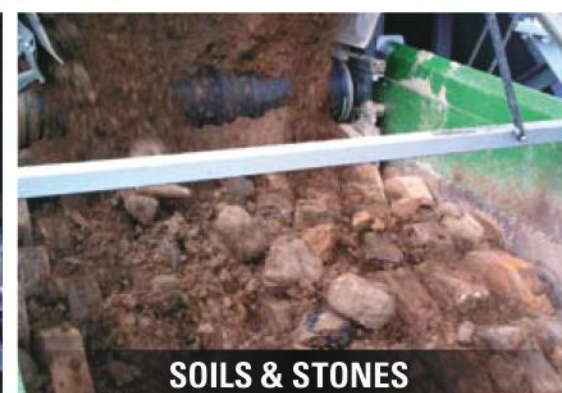
CAR FLUFF



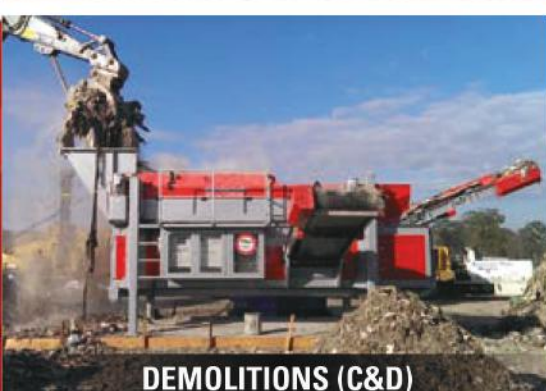
SCRAP METAL



INCINERATOR ASHES



SOILS & STONES



DEMOLITIONS (C&D)



PET



TIRES

certification
ISO9001



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An adaptable and versatile screening system for any applications



Over twenty years of developed technologies continuously updated and improved.

Ecostar has been able to transfer its innovative force also to the operators' performance within specific sectors of application.

From the solid urban waste to the bio-mass and to car-fluff, solution of real 'industrial tailoring' that have conquered the market with the force of numbers: production, consumptions, efficiency.

stationary

STATIONARY VERSION	VE 2000	VE 3000	VE 4000	VE 5000	VE 6000
Working length	2000 mm	3000 mm	4000 mm	5000 mm	6000 mm
Working width	1600 mm	1600 mm	1600 mm	1600 mm	1600 mm
Total length	2110 mm	3200 mm	4020 mm	5160 mm	6300 mm
Total width	2300 mm	2300 mm	2300 mm	2300 mm	2300 mm
Total height	1390 mm	1390 mm	1390 mm	1390 mm	1390 mm
Weight	2500 kg	3000 mm	3500 kg	4500 kg	5000 kg
Power installed	1 x 5,5 kW	1 x 7,5 kW	1 x 7,5 kW	2 x 7,5 kW	2 x 7,5 kW
Size of screening	from 20 to 350 mm	from 20 to 350 mm	from 20 to 350 mm	from 20 to 350 mm	from 20 to 350 mm

Ecostar:
efficiency in
three versions.

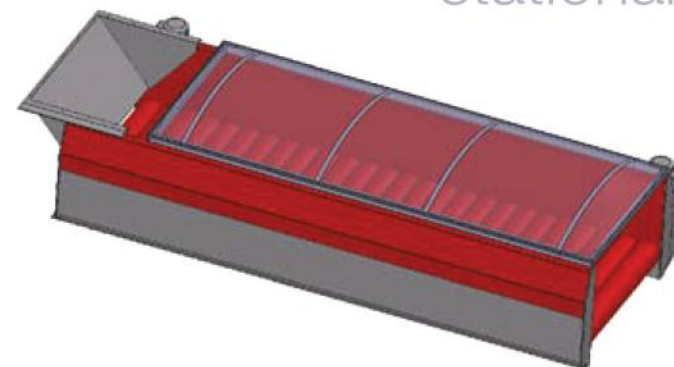
hooklift

HOOGLIFT VERSION	VE 4000	VE 5000	VE 6000
Transport length	5500	6480	7600
Transport width	2450	2450	2450
Total length of screen	4020	4900	6000
Working width	5150	5150	5150
Total height	2700	2700	2700
Weight	9000	10450	12000
Power installed	25 kW	32 kW	32 kW

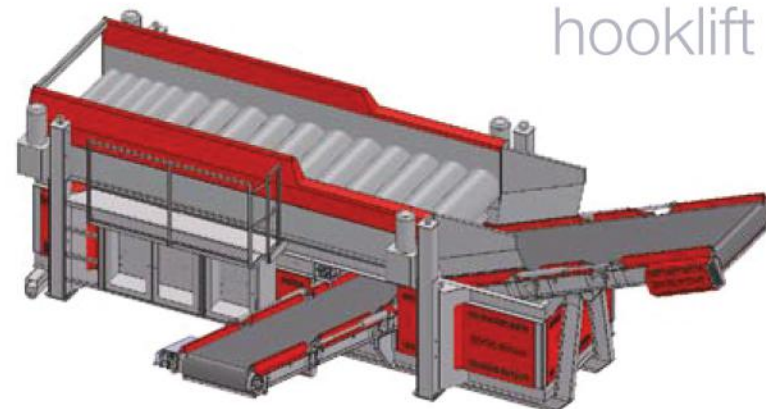
on track

ON TRACK VERSION	VE 5000	VE 6000
Transport length	7400	8400
Transport width	2500	2500
Total length of screen	5160	6000
Working width	5280	5280
Total height	3100	3100
Weight	16000	17000
Power installed	48 kW	48 kW

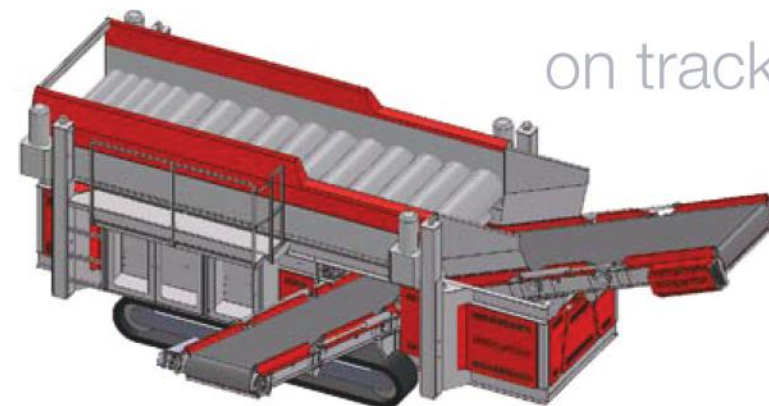
stationary



hooklift



on track



OBSOLETE
SYSTEMS



ECOSTAR
SOLUTION



Ecostar, pure evolution in environmental technology.

Ecostar, established in 1997 and managed by Cappozzo family, projects and builds **innovative solutions for waste and recyclable materials**.

Ecostar's dynamic screens represent the ultimate and most efficient answer to operators' needs and are worldwide at the top of the range among their sector, both **in terms of productive performance and of process environmental footprint**.

An authentic revolution, given by innovative technologies developed and patented by Ecostar: the **Dynamic discs screen** and the **anti-wrapping system**.

Two solutions that are an evolutionary milestone among wastes and recyclable materials screening, making outdated all the applications previously used.

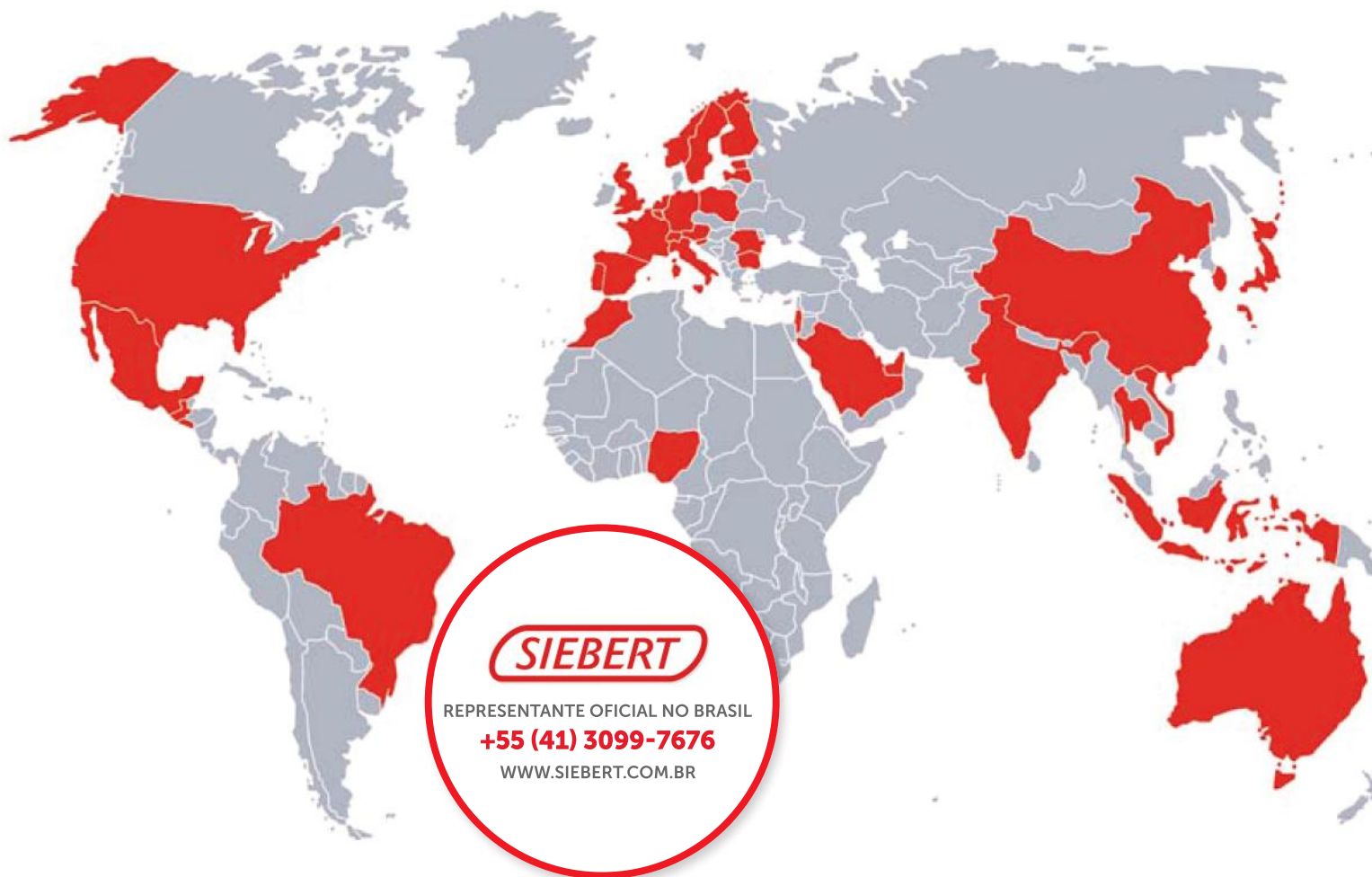


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Technologies for a better environment,
in 38 Countries worldwide



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Ecostar addresses to waste disposal plants production designers and manufacturer, public and private companies. In all the world, **wherever you want to improve the screening process, Ecostar is present.**