



GREEN LINE

*machines and plants for waste
recycling and composting*

Transforming waste for the environmental defense



SAM X7 / SAM 7 Series

Bio-Chopper-Mixers

Available with electric and diesel engine

Seko Industries, a world leader and environmental specialist, offers the best solutions in terms of reliability and performance in the field of green and biological waste management, thanks to its long-standing experience in the industry.

The Eco Line division represents the simplest technology and innovation in the chopping and mixing sector for waste recycling

and composting, with a complete range of machines and services for the development of the decomposition process, particularly suitable for various treatments.

The SAMURAI machines SAM X7 and SAM 7 chop this waste thanks to the action of 2 slowly counter-rotating spiral screws on the bottom of the hopper, equipped with high-strength steel



TRAILED VERSION

model	SAM 7 450/70	SAM 7 450/90	SAM 7 500/110	SAM 7 500/130	SAM 7 500/150	SAM 7 500/170	SAM 7 600/210	SAM 7 600/230	SAM 7 600/250	SAM 7 650/270	SAM 7 700/330
capacity m ³	7/247	9/317	11/388	13/459	15/530	17/600	21/741	23/812	25/823	27/953	33/1165
power kW	30/40	37/50	59/79	59/79	66/88	66/88	74/99	81/108	81/108	118/158	165/221
production m ³ /h	20/25	25/30	35/40	35/40	40/45	45/50	55/60	65/70	70 - 2472	80/85	80/100

STATIONARY VERSION WITH ELECTRIC MOTOR

model	SAM 7 450/70	SAM 7 450/90	SAM 7 500/110	SAM 7 500/130	SAM 7 500/150	SAM 7 500/170	SAM 7 600/210	SAM 7 600/230	SAM 7 600/250	SAM 7 650/270	SAM 7 700/330
capacity m ³	7/247	9/317	11/388	13/459	15/530	17/600	21/741	23/812	25/823	27/953	33/1165
power kW	30/40	30/40	37/50	37/50	55/74	55/74	90/121	90/121	90/121	132/177	160/214
production m ³ /h	20/25	25/30	35/40	35/40	40/45	45/50	55/60	65/70	70/75	78/80	80/100



blades. During chopping, the products are also actively mixed, resulting in a homogenous shred ready for composting. The SAMURAI chopper can also perform other functions, such as: mixing compost with additive products or mixing sludge or digestate.

Once chopped and mixed, the waste is placed on a discharge conveyor.

Thanks to its design, the SAMURAI chopper greatly reduces problems such as noise, dust, but also reduces consumption.



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PRE-SHREDDER

GRIZZLY 300 Series

with electric motor

GRIZZLY bag opening machines are high output machines for processing incoming waste. The bag is opened and not shredded so that the plastic is completely recovered. Their high productivity, performance and absolute reliability make this machine an important asset in municipal waste plants.

- ◆ Complete with electric motor and control panel for full load start-up with PLC;
- ◆ 2 counter-rotating shafts, equipped with high-efficiency cutting elements for bag opening;
- ◆ Anti-wear steel tank bottom and side walls;

- ◆ Adjustable counter-blades contrast elements;
- ◆ Independent hydraulic system with solenoid valves and centralized commands;
- ◆ High-strength steel construction;
- ◆ SEKOTRONIC SK 6000 weighing system designed for Industry 4.0;
- ◆ Manually adjustable central partition wall or automatically (if included in a work cycle);
- ◆ Adjustable counter-blades fixed to the central partition wall;
- ◆ Left/right deflectors with manual or automatic cycle to remove or prevent product blockages during processing.



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model	loading hopper capacity m ³	length mm	width mm	height without supports mm	unladen weight kg	electric motor kW	output m ³ /h
GRIZZLY ME	7	5805	2849	2903	10.000	45	40/70

The descriptions and illustrations in the present catalogue are just indicative and not bounding. SEKO reserves the right to bring the most appropriate modifications to the machines without previous notice.

SELF-PROPELLED TURNING MACHINE WITH HORIZONTAL ROTOR

SCV 320/370/470 Series

Self-propelled turning machines ensure efficient and energetic turning of the biomass from the windrow, as the moving product is moved by a horizontal rotor-mixer. The blades allow the shredding of long fibres and the breaking up of clods and blocks of material.

This ensures a perfect mixing and oxygenation of the entire mass, a fundamental condition for obtaining quality compost. All models are equipped with powerful and environmentally friendly engines.



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model	length mm/inch	width mm/inch	height mm/inch	weight kg/Libs	power kW/HP	output m ³ /h - Cu.Ft./h	working width m/Ft.	speed km/h - mph	window's max height mm/inch
SCV 320-MD	3277	3548	3210	4600	55	250/900	3,3	0-2,5	1300
SCV 370-MD	4274	4457	3562	7300	140	500-1500	4,1	0-3,5	1600
SCV 470-MD	4615	5932	4339	12800	280	500-2500	5,5	0-3,5	2000

DRUM SELECTION SCREENS

SEPARATOR 50-100 Series

Available with electric and diesel engine

The newly designed SEPARATOR series of drum screens boasts great reliability and high working performance. Ideal for sieving various materials, they are particularly used in composting plants and waste treatment areas in both pre-processing and final product refining. Equipped with the most advanced manufacturing technology, these machines are extremely simple and reliable in both use and maintenance. A patented system allows rapid replacement of the selection drum for different particle size fractions.

- ◆ Maximum loading convenience thanks to the large hopper with slanting walls that allows regular feeding and an easy inflow of material to the selection drum;
- ◆ Selection drum loading conveyor with speed regulator;
- ◆ Easy handling and flexibility of use thanks to the chassis mounted on 1 or 2 wheeled axles through a practical towing hook;

- ◆ Powered by environmentally friendly engines certified for emissions, with high performance and maximum fuel efficiency;
- ◆ Mechanical tightened cleaning brush for constant cleaning of the holes;
- ◆ Hydraulically operated discharge conveyors, which can be folded for space reduction when moving;
- ◆ Centralised and protected control board for an easy and safe management of the machine;
- ◆ Patented drum tangential traction system that makes it easy to remove for replacement or maintenance;
- ◆ Easy maintenance thanks to its simple functionality and a practical accessibility of all mechanical parts.



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	SEPARATOR 50/MD	SEPARATOR 100/MD
engine	Diesel	Diesel
power	36 kW	55 kW
work capacity	up to 50 m ³ /h	up to 100 m ³ /h

	SEPARATOR 50/ME	SEPARATOR 100/ME
engine	Electric	Electric
power	30 kW	55 kW
work capacity	up to 50 m ³ /h	up to 100 m ³ /h

The working capacity depends on the type of product, the feeding system and the boring size of the drum.

TRAILED WASTE LOADER

GIRAFFA Series

Giraffe machines allow large quantities of waste with different characteristics to be efficiently loaded. The waste is transported directly to the collection truck via a loading conveyor equipped with a brush rotor at the entrance.

Main components:

- ◆ Briggs & Stratton 11.6 kW petrol engine;
- ◆ Loading conveyor 900x4000 mm;
- ◆ Damped traction axle with inertia brake;
- ◆ Towing hook with spherical cavity, diameter 50 mm;
- ◆ Independent hydraulic system;
- ◆ Rotor with brushes to facilitate waste loading;
- ◆ Beacon, work light and light bar.



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