



## SEKO Constellation 6000

The **Constellation 6000** is fitted with the latest Perkins diesel engines, remote controls and hydrostatic transmission to move the machine whilst working. High output continuous cycle machines ideal for chopping green products from landscape maintenance, markets waste, cumbersome waste such as furniture, doors windows, pallets, dump products and sewage sludge, and tree trunks.

These machines can process big quantities of product even if very damp and abrasive, and have extraordinary outputs (100 to 300 cu m per hour according to the model and material used..



### CASE STUDY

"The choice of another auger type shredder was dictated by the quality of product compared to a Willibald MZA 2500 hammer mill-type shredder hired in immediately after the Seko was decommissioned. The Willibald MZA 2500 shredder was noisier than the Seko, had a higher throughput, and produced a much coarser, less dense product. The coarseness of the product was criticised and needed screening to remove oversized material. The low density of the product meant that three lorry loads were needed to carry the same weight of material transported in two loads when the Seko was used. This significantly increased transport and associated loading and unloading costs."

## HOW DO THEY WORK?

These powerful bio-choppers use an original patented slow rotor technique which provides uniform chopping and breakdown of the products, important for ensuring a correct composting process. Not only can the patented system automatically screen the chopped material to a specific size it can also be changed to bio mixing mode by the action of a single lever



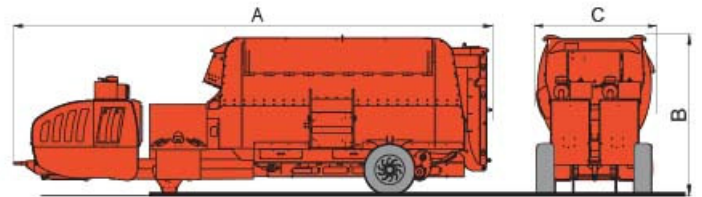
## STANDARD EQUIPMENT

Self-propelled continuous cycle bio-chopper, with high output.

- Twin transmission with epicyclic reduction gears and diesel engine
- Central control panel
- Automatic transmission control system and manual reverse gear for chopping shafts
- Anti-wear steel bodywork
- Anti-wear steel spiraled chopping shafts
- High-strength steel half-star-shaped chopping blades
- Set of anti-wear serrated counter-blades, removable and adjustable
- Rear discharge conveyor with rubber belt, foldable, for continuous cycle unloading upto height 3 m



## SEKO CONSTELLATION 6000/7000



Bio-Choppers at continuous cycle Constellation Self-Propelled version

MODEL		CONSTELLATION SELF 6000/200	CONSTELLATION SELF 7000/300
Hopper volume	m <sup>3</sup>	20	30
Length (A)	mm	9684	10594
Width (C)	mm	2388	2816
Height (B)	mm	3255	3695
Unladen weight	Kg.	15100	20000
Power engine	kW (HP)	258 (350)	258 (350)
Output green wastes,	m <sup>3</sup> /h	100-150	180-250
Output market's wastes	m <sup>3</sup> /h	150-230	250-330
Output cumbersome wastes, m <sup>3</sup> /h		70-100	120-200

- The hopper volume, expressed in m<sup>3</sup>, applies to products of specific weight max 350 Kg/m<sup>3</sup>
- The dimensions are referred to the machine with closed discharge conveyor
- Descriptions, data and pictures are indicative only. SEKO reserves the right to make any changes without any prior notification.

## CURRENT MODELS

Below is the full current Seko model range, in order, we have the model, feed hopper capacity, production/hour, feed method, KW power.

Seko 400/50 G/T Batch	5m <sup>3</sup>	10–12 m <sup>3</sup> /hr	Loader or grab	40
Seko 450/90 G/T Batch	9m <sup>3</sup>	25–30 m <sup>3</sup> /hr		50
Seko 500/110 G/T Batch	11m <sup>3</sup>	35–40 m <sup>3</sup> /hr	Loader or own grab	80
Seko 500/150 G/T Batch	15m <sup>3</sup>	40–45 m <sup>3</sup> /hr		90
Seko 600/170 G/T Batch	17m <sup>3</sup>	45–50 m <sup>3</sup> /hr		110
Seko 600/200 G/T Batch	20m <sup>3</sup>	55–60 m <sup>3</sup> /hr		110
Seko 600/230 G/T Batch	23m <sup>3</sup>	65–70 m <sup>3</sup> /hr		120

Seko 650/250 G/T Batch	25m <sup>3</sup>	75–80 m <sup>3</sup> /hr		160
Seko 450/90 GC/T Batch	9m <sup>3</sup>	25–30 m <sup>3</sup> /hr		50
Seko 500/110 GC/T Batch	11m <sup>3</sup>	35–40 m <sup>3</sup> /hr		80
Seko 500/150 GC/T Batch	15m <sup>3</sup>	40–45 m <sup>3</sup> /hr		90
Seko 500/150 GC/MD Batch	15m <sup>3</sup>	40–45 m <sup>3</sup> /hr	Loader or conveyor	175
Seko 500/150 GC/ME Batch	15m <sup>3</sup>	40–45 m <sup>3</sup> /hr		55
Seko 600/170 GC/T Batch	17m <sup>3</sup>	45–50 m <sup>3</sup> /hr	Loader or own grab	110
Seko 600/200 GC/T Batch	20m <sup>3</sup>	55–60 m <sup>3</sup> /hr		110
Seko 600/230 GC/T Batch	23m <sup>3</sup>	65–70 m <sup>3</sup> /hr		120
Seko 650/250 GC/T Batch	25m <sup>3</sup>	75–80 m <sup>3</sup> /hr		160
Seko 700/300 GC/T Batch	30m <sup>3</sup>	80–100 m <sup>3</sup> /hr		250
Seko 6000/200 C/T Continuous	20m <sup>3</sup>	100–150 m <sup>3</sup> /hr	Loader or grab	200
Seko 7000/300 C/T Continuous	30m <sup>3</sup>	180–250 m <sup>3</sup> /hr		300

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