

SAMURAI 7 POWER

High Performance



The new series of high performance
Trailed Chopping-Mixing Wagons



Uniteed Division
Your specialist in cattle feeding

SAMURAI 7 POWER

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We are proud to announce the birth of the new SAMURAI 7 POWER series, a range of Trailled Chopping-Mixing Wagons equipped in "Full Optional" version, ideal for medium and large-sized livestock farms.

These machines are the tangible result of our cutting edge design and development process and meet all the requirements of our most demanding customers, offering them maximum efficiency and dependability in their daily work.

High performance and high quality take pride of place, in line with SEKO's consolidated production philosophy which characterises all its products, ensuring technological excellence in the preparation of livestock feed.



QUALITY

Seko has obtained the ISO 9001:2008 Quality Management System certification guaranteeing the technological excellence achieved in its new modern production departments and enabling it to offer its customers the most efficient and dependable solutions in the sector.



With the new SAMURAI 7 POWER series, SEKO offers a completely new line of modern high-performing machines with important technical features and original solutions for all operating parts, designed to provide maximum safety and dependability.

A rational approach blends harmoniously with the latest technology in this new generation of machines produced to guarantee maximum throughput, low running costs and optimum safety levels.



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SAMURAI 7 POWER

High Performance



The new SAMURAI 7 POWER series Chopping-Mixing Wagons, a line of machines designed for the most demanding livestock farmers, are the result of SEKO's ability to translate the best innovations into exclusive technologies; these chopping-mixing wagons offer exceptional power and performance, obtained via numerous technical details all designed to guarantee a superior quality and indestructible product.

In a Chopping-Mixing Wagon, the shape of the mixing box is the main element determining correct operation and the new technical concepts we have applied on these machines represent the evolution of existing machines which are extremely reliable and already used by millions of livestock farmers all over the world.

The various structural components are built with thick high-strength steel, making the machines extremely solid and robust and ensuring long life.



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The main innovations of the new SAMURAI 7 POWER series, all aimed to the highest quality and performance

- Industrial design to maximise load capacity and throughput, at the same time enhancing the machine's extraordinary manoeuvrability and accessibility.
- Rounded geometry mixing box, with high load capacity for improved circulation inside the product.
- Rear auger bearing supports unit externally fitted for improved mixing and for quick easy maintenance.
- Upper edge overhangs transmission compartment for protection against water infiltration, dusts or dangerous elements.
- New designed chain discharge belt with cover for improved uniform distribution and higher operator's safety.
- Oil tank integrated in the mixing box to avoid deposits of the fibrous products during the loading operations.
- New protective cover for transmission unit, weighing system and solenoid valves for long-lasting and for easy maintenance.
- "Double Mix" patented chopping and mixing system with only two lower augers.
- High quickness and accuracy in any working operations to save power absorption and timework.
- High quality mix, maintaining the products' fibre perfectly chopped and not defibred, always soft and homogeneous.
- Available with capacity 11, 15, 21, 23, 27 m³.



SAMURAI 7 POWER

The original “Double Mix” chopping and mixing system

Our patented “Double Mix” chopping and mixing system is characterised by two special double spiral counter-rotating augers housed on the bottom of the box, provided with star-shaped knives and counter-blades for processing any product, offering limited power absorption and high performance.

The result is a mixture with a degree of uniformity over 99% as demonstrated by the tests performed at university laboratories both in Italy and abroad.

During processing, the product remains very soft as no mechanical conveying is performed in the upper part of the box.

It is the product itself that moves and is evenly mixed due to the soft flow created by the two lower augers in the centre of the mixing box.

This system based on a concept of simplification has obtained widespread international approval as it allows the use of a whole range of farm products and by-products, offering exceptional advantages in terms of immediate increase in milk and meat production, and in terms of drastic reduction in ration and labour costs.





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Featuring the latest technology and equipped "Full Options", the SAMURAI 7 MIXER-FEEDER machines represent the latest development in the field of Horizontal Trailed Chopping-Mixing Wagons, and are unparalleled in terms of efficiency and reliability, confirming their reputation as a reference point in the sector.



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Equipment

Standard

- > Available with capacity of 11, 15, 21, 23 and 27 m³
- > High-strength steel structure
- > Chopping and mixing augers made of high-strength steel
- > Independent hydraulic installation
- > Reverse gear for augers
- > Controls by means of solenoid valves with cable push-button panel
- > Revolving star-shaped chopping blades
- > Toothed counter-blades, removable and adjustable
- > Rear hopper for loading additional products
- > Electronic weighing system, Sekotronic L150
- > Left-hand side discharge with 900 x 800 mm belt chain
- > Provided with all pre-settings for second discharge side
- > Inspection ladd

Optional

- > Chain and/or rubber discharge conveyors with lengths up to 3000 mm
- > Magnet for ferrous materials, applied on discharge belt
- > Hydraulic supporting foot
- > Lighting system
- > Industrial wheels
- > High-strength steel auger blades kit
- > Galvanised tube spray system mounted on upper perimeter, complete with cock and 3/4" BSP connector for connection to external source
- > Weighing systems up to 100 programs, Printer, Data transferor, Radio controls, PC data transmitter
- > Automatic chain lubrication system
- > Braking systems
- > Mixing box bottom lining made of Hardox steel
- > Customised painting



Compliance with Machines
Safety Directions

SAFETY

We have always been committed to guaranteeing maximum user safety in our machines. For this reason, in the wake of the latest EC regulations concerning the safety of agricultural machinery, SEKO equips all its machines with appropriate safety devices in compliance with the requirements in order to avoid all operator risks.