



Samurai 5 Series



Versatility and Quality
without compromises



Your specialist in zootechnical feeding

Index

Introduction	pag. 4
The Unifeed ration	pag. 6
Samurai 5 Self self-propelled version	pag. 8
Samurai 5 trailed version	pag. 18
Samurai 5 Vulcan System	pag. 29
Fittings	pag. 30
Samurai 5 stationary version	pag. 32

New Samurai 5 Series



United Division

An extraordinary range of Chopping-Mixing-Wagons, unique for quantity, diversification and reliability, which are the ideal machines helping thousands of breeders worldwide to make their daily work easier, increasing the productivity and the growth of their farms.

SAMURAI 5 Series represents the most recent evolution in the horizontal Chopping-Mixing-Wagon field and, once again, SEKO is in the forefront, thanks to this new line of machines, which are provided with the most advanced technology, not comparable to other brands in terms of productivity, comfort, reliability and quality of work.

Innovation and quality of product have always characterized the Italian Company SEKO, which has become one of the main world producers of machines for total mixed ration feeding



Unifood Division



A leading position achieved thanks to an over thirty-year experience, always improved through a constant development, to really meet the changeable market needs, by proposing highly technological products, in order to assure to the customer development, productivity and security. 90% of our production is exported to 67 Countries, as that' s the best demostration of high quality and performance it' s characterised of.

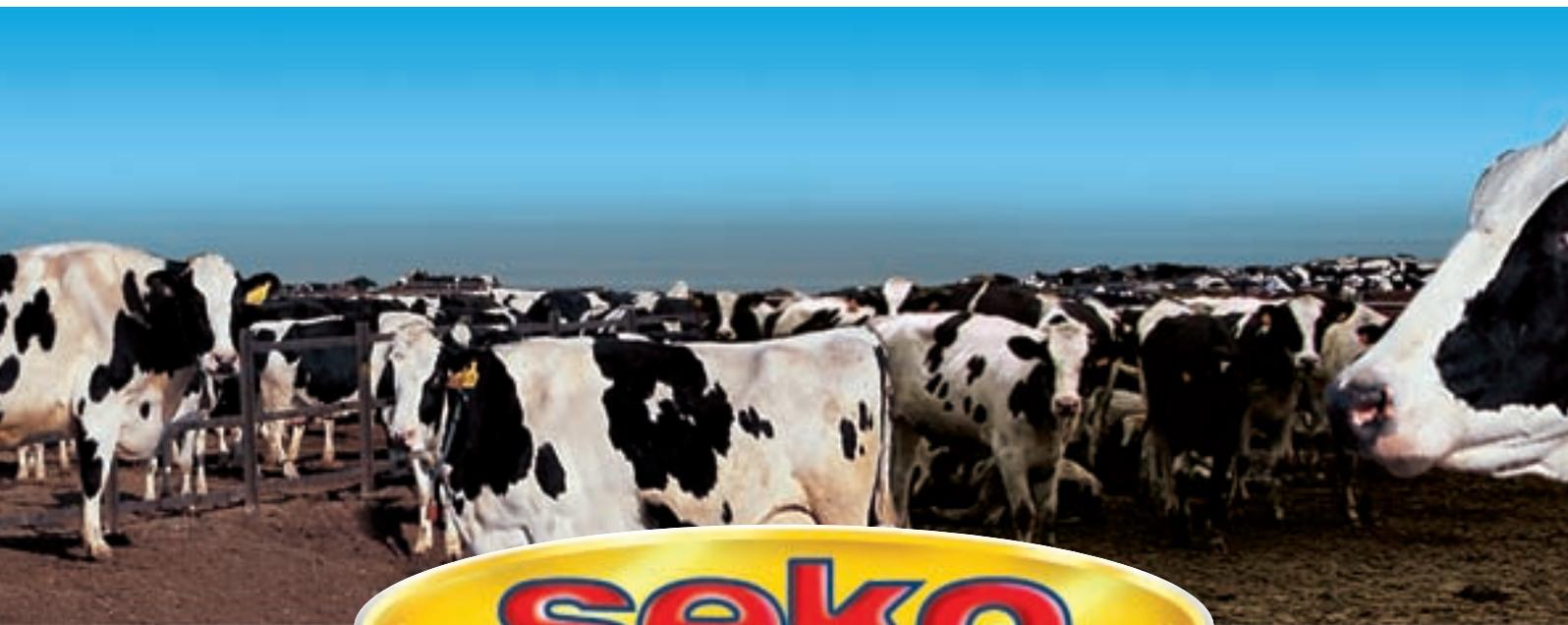
Ever faithful to its ingrained philosophy of quality , SEKO has always pursued this aim with dedication and passion, becoming a specialized company in this sector . Constant investments in engineering, development of production processes, use of the best

raw materials and implementation of the most advanced technological solutions grant high quality standards of product and services.

Certification of Quality System has been issued by the prestigious German body TÜV , in accordance with the last UNI EN ISO 9001:2000 regulations.

The Quality





seko

Quality and Technology

Unifeed Division

Dear Customer

Now more than ever, for every entrepreneur it's necessary to invest in improving his production activities, if he wants to ensure the future of his company.

Drastic cost reduction and improvement of productivity and quality on their own farm are the keys to success, even in this sector, in order to become more competitive in a market getting wider and wider.

The Chopping-Mixing-Wagons SAMURAI 5 Series, engineered and carried out just with this purpose, grant the top level in cattle Unifeed preparation, fully bringing out all the advantages of this technique.

A look at the following pages will help you to choose your new machine, to improve every day in efficiency, reliability and economy for the development of your farm.



Samurai 5 Series



An exclusive range for all needs

The wide range of Chopping-Mixing-Wagons SAMURAI 5 Series proposes the most complete and versatile solutions for Unifeed preparation in farms with dairy cows, fattening cattle and sheep-and-goat livestock. Thanks to the experience achieved in several years alongside farmers all over the world, we have developed this new line of machines endowed with the most advanced technology, concentrating in them simplicity, strength and reliability.



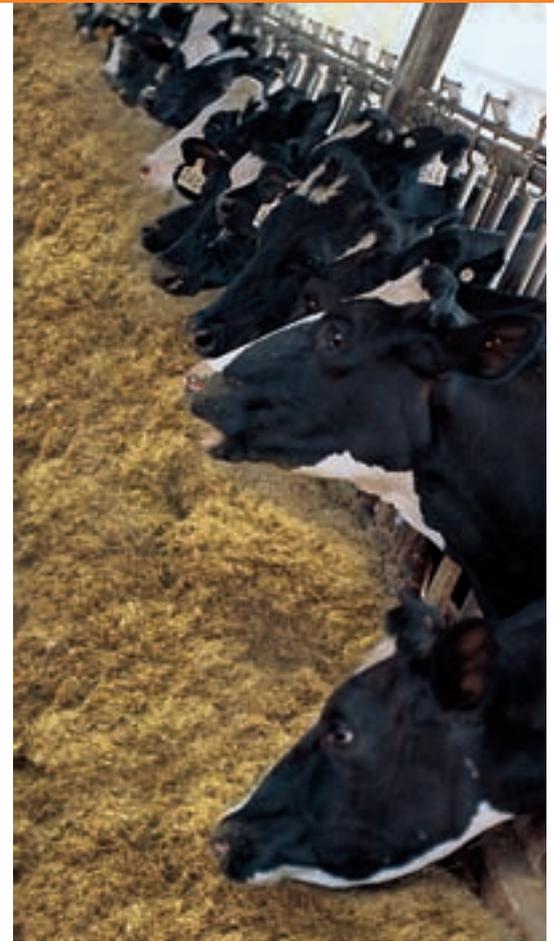
An extraordinary product with a range from 5 to 30 m³ capacity, in self-propelled, trailed and stationary version, which really meets the new demand of a feeding more and more aimed to achieve the best results both in terms of production and health for the animals.

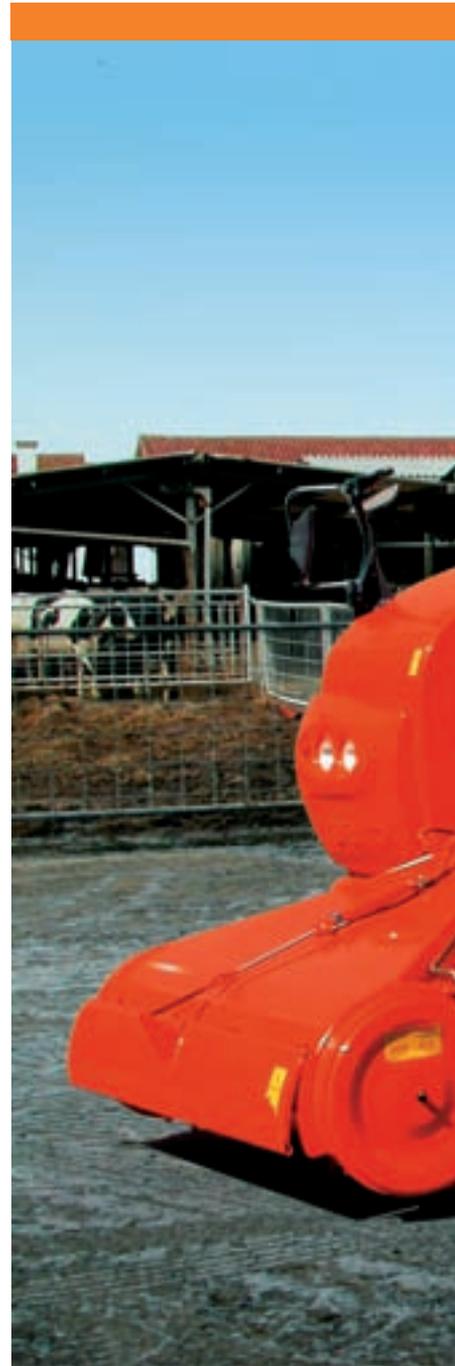


The Unifeed ration



The Unifeed technique has increased its importance during the years, until it reached a condition of unreplaceable feeding standard, for the economic success of any farm, thanks to the advantages it provides from the food, production, health, organisation and structured point of view. In this context, back in 1985 SEKO breaks through as a protagonist, developing an exclusive and revolutionary range of machines, never existing until that moment, suitable for the new requirements of the most modern science of total mixed ration, which required the contribution of considerable quantities of dry substance, especially for the dairy cows. As a matter of fact, Seko has been the first company which developed a new technology of Chopping-Mixing-Wagons, able not only to mix the products as the market proposed, through the traditional Mixing Wagons, but basically to chop dry or wet fibrous products, both loose and baled, which started to be the main ingredients of the feeding ration. All this was achieved thanks to the innovative and patented chopping and mixing system, consisting of two special counter-rotating augers, placed in the bottom of the box, equipped with special star-shaped blades, that can work any product with low power absorption and high performances. The result is a mix with an uniformity degree higher than 99%, as many tests made in Italian and foreign university laboratories may prove. During the operation, the product keeps extremely soft, because in the upper side no mechanical transport occurs. The product itself moves and mix homogeneously thanks to the flow created by the only gentle pressure of the two lower augers. This innovative project, based on an idea of simplification, achieved the biggest consent worldwide, because it allows to use the most different products and by-products available in the farm, granting exceptional advantages both for the immediate increase in milk production and the drastic reduction of ration and labour costs. Due to its skill in turning the best innovations into exclusive technologies, today SEKO introduces the new Chopping-Mixers SAMURAI 5 Series, a generation of machines standing out for power and performances, thanks to innumerable technical details aimed to grant a product of the highest quality.





Samurai 5 Self 600/205



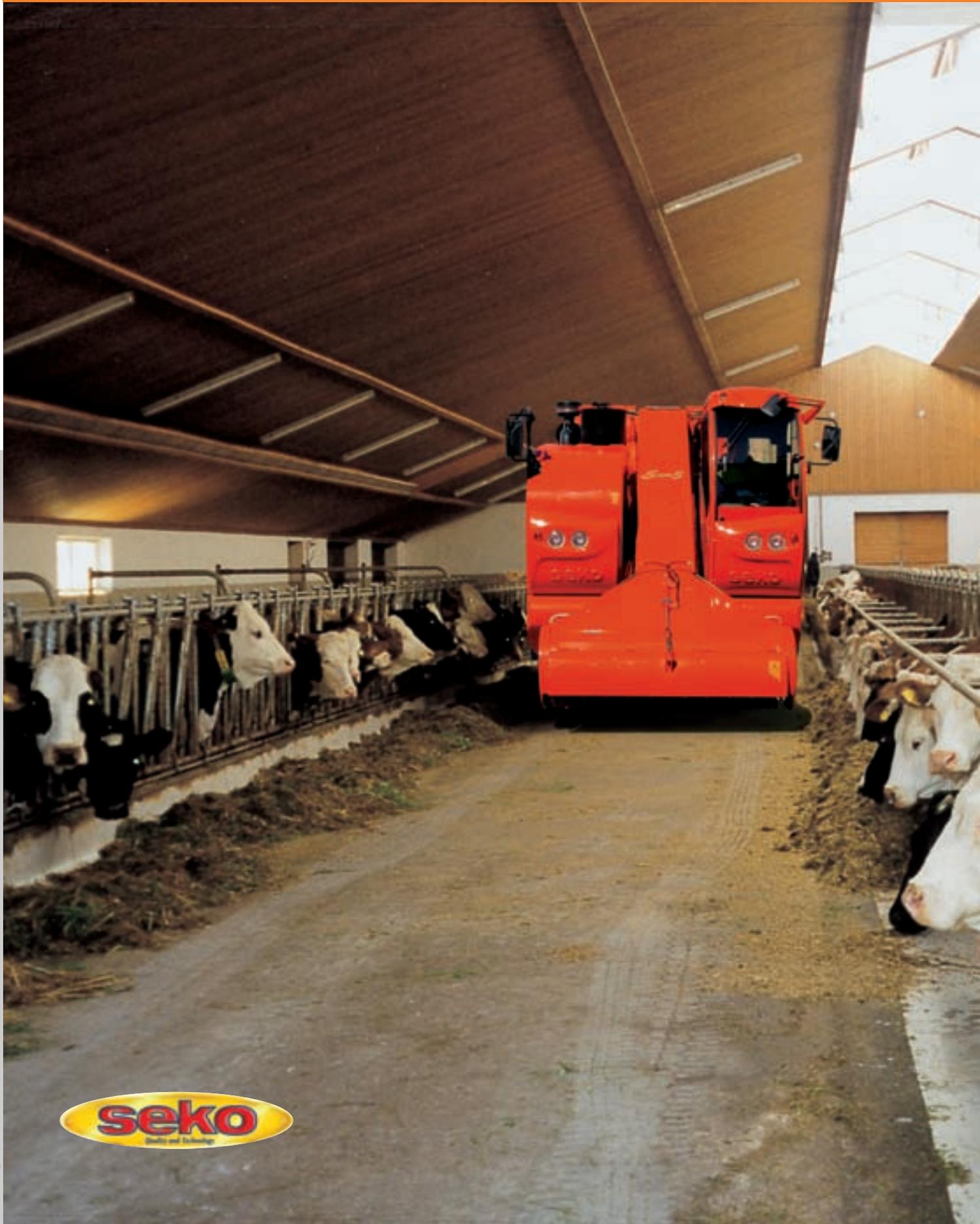
Samurai 5 Self 600/205

The professional choice of an inimitable series

Rationality and forefront technique merge harmoniously in this new generation of Self-Propelled Chopping-Mixing-Wagons, granting a product of high quality and performances, at the service of the most demanding farmers.

Engineered to work on large farms for many hours per day, the SAMURAI 5 SELF Series has a modern design, where the position of all the main components has been carefully studied to assure the highest productivity, lower operating costs and excellent comfort level for the worker.

The certain investment for the future of your farm





Samurá 5 Self 600/205

- 6 Models with 11 - 13 - 15 - 17 - 20 - 23 m³ capacity.
- Front longitudinal engine for better compactness and easier entry even in farms with narrow passages.
- Front silage tiller, which gives the operator the best visibility and control in loading operations.
- High containment capacity thanks to the 2 lower augers
- Tillaging rapidity thanks to the strong tiller, able to load 2 ton/m of maize silage.
- Chopping precision and rapidity thanks to the perfect chopping system, particularly aggressive in working fibrous baled products.
- Accurate and homogeneous mixing provided by the exclusive system "Double Mix"
- "Automotive" type movement, for the best machine handling and manoeuvring speed.



Samurá 5 Self 600/205

The powerful silage tiller

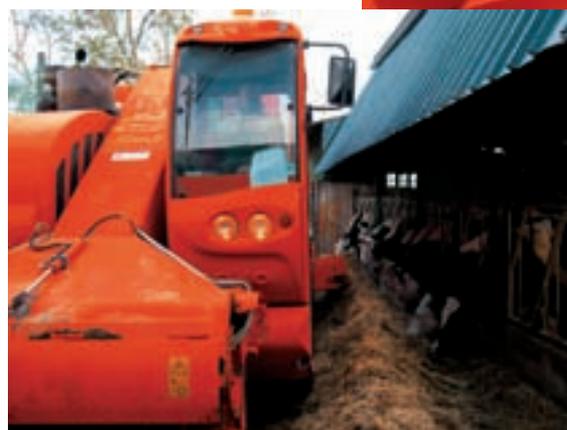


The powerful silage tiller, which represents one of these machines main elements, has a working width of m. 1,8 and achieves high productivity in the tilling both the maize and grass silages (2 ton/m). The product discharge system is hinged on the conveyor conducting shaft, avoiding thus any product dispersion, assuring also a better re-circulation of the product within the mixing box. The tilling roll, equipped with spiral blades and special-shape knives, is fed by two hydraulic motors which develop a high torque power to till rapidly and precisely whatever product up to a height of 4,8 m. A transparent sight-hole, placed on the tiller holding arm and facing the cabin side, allows to control, directly from the driver's seat, the conveyor movement, its rotation direction and any possible product clogging. A regulation system allows to control the speed of the tiller descent, according to the type of products used. Thanks to this original configuration, this tiller allows to tillage also loose products on the ground, such as flours, forages, as well as the residuals in the feeding passage for further use.

The chopping and mixing are developed through two augers of special configuration, which give rise to the movement of the ingredients to be mixed to the centre of the box, where the flows converge and then are pushed upward; then, the product falls down by gravity to the front and rear ends of the box maintaining the mixing cycle. The augers, provided with patented star-shaped knives, with special cutting edge, operate together with a kit of counter-blades fixed in the central bottom of the box, assuring a high chopping of entire round bales of forages and straw, bales bound of humid products and any other type of ingredient necessary to the Unifeed preparation.



At the same time, an homogeneous mixing is granted, with an elevated uniformity, maintaining the minimum length of the alimentary fibre considered physiologically suitable for the ruminants, avoiding thus any possible changes in the organoleptic characteristics of the product. Feeding the cattle with such a balanced and soft mix, creates a more appetizing ration, with positive results confirmed also by an immediate increase in milk production and a drastic reduction of illnesses often coming from an incorrect feeding.





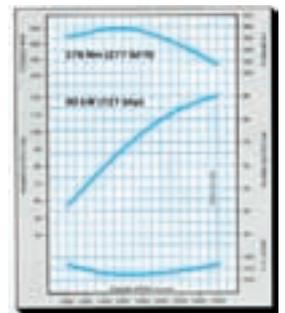
Samurai 5 Self 500/135

- In order to meet the increasing need of cooperatives and retailers to feed several farms in the same day, with frequent movements, the Chopping-Mixing-Wagons SAMUAI 5 SELF are available, upon request, in version homologated for circulating on the road.
- The 40 Km/hour speed, available upon request, allows you to travel quickly between sites, and certain to restart the day after in the highest reliability and safety.

Speed, safety and comfort make your work easier than ever



All the models of SAMURAI 5 SELF Series are equipped with powerful and reliable ecological engines Perkins "Stage 2", provided with integral electronic management system. These 175 Hp engines, having high torque and power, assure great performances with the best efficiency in fuel consumption. A "supersilent" muffler further reduce their already low noise level. The large fuel reservoir, of 220 lt. capacity, assures a high working range. A special care was given in designing the new cooling system, equipped with anti-clogging coolers, as a guarantee of the best functionality in any climatic condition.



A new automatic greasing system, made of a pump with a 5 lt. reservoir, assures the periodic lubrication of all the bearings. This system can be operated even manually, by a lever in the cabin, if the greasing is required at different times.





The hydraulic system consists of seven pumps. Two pumps with pistons and three with gears are assembled on the engine flywheel, and two more flanged pumps on the side PTO of the engine.

The hydraulic oil circuit, complete with a by-pass system, avoids any overheating and is further integrated by a single combined filter, for easy maintenance.



The new driver's cabin is roomy, comfortable, with high visibility and ergonomics.

All the manual controls are put on the console in front of the operator, perfectly accessible, including the weighing system. Through the handy joystick, situated on the operator's right side, all the functions of machine movement and silage tiller control are operated, to assure the highest safety and comfort.

Placed under the driver's seat, longitudinally adjustable, a security device turns off the engine if the operator leaves the cabin, preventing any accidental contact with possible moving components.

Upon request, an air-conditioning system is provided, equipped with heat exchange batteries at high efficiency, to grant an optimal conditioning.



Samurai 5 Self version with silage tiller

Model	Capacity		Augers N°	Length (A)		Width (C)		Height (B)		Unladen weight Kg lb.	Engine power kw/Hp	Tiller working width		Tiller working height		Standard movement speed		Optional movement speed		
	m ³	ft ³		mm	inch	mm	inch	mm	inch			mm	inch	mm	inch	Km/h	mile/h	Km/h	mile/h	
500/115	11	390	2	7976	314	2335	92	2776	109	9900	21830	131/175	1800	71	4800	189	0-25	0-16	0-40	0-25
500/135	13	460	2	7976	314	2335	92	2776	109	10900	24035	131/175	1800	71	4800	189	0-25	0-16	0-40	0-25
500/155	15	530	2	8576	337	2335	92	2776	109	11700	25799	131/175	1800	71	4800	189	0-25	0-16	0-40	0-25
500/175	17	600	2	8876	349	2335	92	2776	109	12500	27563	131/175	1800	71	4800	189	0-25	0-16	0-40	0-25
600/205	20	710	2	9194	361	2335	92	2776	109	13100	28886	131/175	1800	71	4800	189	0-25	0-16	0-40	0-25
600/235	23	813	2	9495	373	2335	92	3000	118	13700	30210	131/175	1800	71	4800	189	0-25	0-16	0-40	0-25

- The width is with the discharge conveyor closed against the box wall
- The machine capacity, expressed in m³, applies to products of specific weight max. 350 Kg/m³
- Descriptions, data and pictures are indicative only. SEKO reserves the right to make any changes without any prior notification.

Samurai 5 Self • 600-500 series

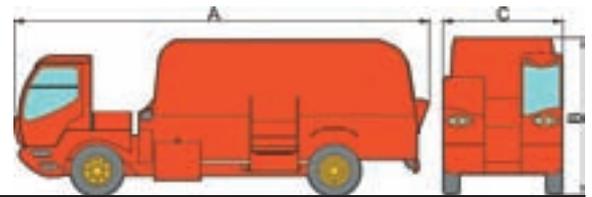


With a Chopping-Mixer SAMURAI 5 SELF you will have a machine that, during the working day, will charm you for its power and dynamism



Samurai 5 Self 500/130

- The “Automotive” type movement is granted by the front axle of industrial type with incorporated self-blocking differential. The application of wide radius wheels and strengthened leaf spring suspension allows the machine to move softly and progressively both in the inner farm movements and during the circulation on the road. An effective braking system grants the highest safety and a gradual but strong slowing of the machine.
- Four-wheel drive available, to assure a perfect adherence of the machine even on mud or uneven ground avoiding torsional frame stresses.
- All the different structural components are made of high resistance and thickness steel giving the machines extreme solidity and strength for an enduring period.



Samurai 5 Self version without silage tiller

Model	Capacity		Augers N°	Length Width				Height (B) mm inch	Unladen weight Kg inch	Engine power kw/Hp	Standard movement speed		Optional movement speed			
	m ³	ft ³		(A) mm inch	(C) mm inch	Km/h	mile/h				Km/h	mile/h				
500/110	11	390	2	6704	263	2335	92	2776	109	8800	19404	131/175	0-25	0-16	0-40	0-25
500/130	13	460	2	6704	263	2335	92	2776	109	9800	21609	131/175	0-25	0-16	0-40	0-25
500/150	15	530	2	7304	287	2335	92	2776	109	10600	23373	131/175	0-25	0-16	0-40	0-25
500/170	17	600	2	7604	299	2335	92	2776	109	11400	25137	131/175	0-25	0-16	0-40	0-25
600/200	20	710	2	7922	311	2335	92	2776	109	12000	26460	131/175	0-25	0-16	0-40	0-25
600/230	23	813	2	8223	323	2335	92	3000	118	12600	27783	131/175	0-25	0-16	0-40	0-25

• The width is with the discharge conveyor closed against the box wall
 • The machine capacity, expressed in m³, applies to products of specific weight max. 350 Kg/m³
 • Descriptions, data and pictures and indicative only. SEKO reserves the right to make any changes without any prior notification.

Samurai 5 Self • 450-400 series



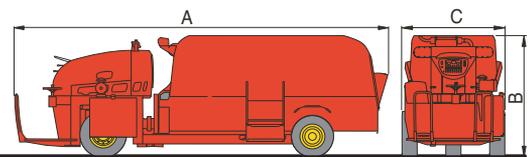
Samurai 5 Self 450/110

Unique for their short dimensions, the 3-wheeled Chopping-Mixers of SAMURAI 5 SELF Series represent the best solution for the smaller units having reduced space for manoeuvring and narrow passages.

Simple, compact and reliable, these machines can pass everywhere, thanks to their exceptional steering angle.

They are equipped with a system of hydrostatic transmission with incorporated hydraulic brake and power steering, to allow the operator an easy and precise drive.

Having the same chopping and mixing system as the big self-propelled machines, these can work any product, in particular forages and straw, both loose and baled, as well as grass and maize silages.



Samurai 5 Self

Model	Capacity		Augers N°	Length (A)		Width (C)		Height (B)		Unladen weight Kg lb.	Engine power kw/Hp	Movement speed		Steering radius angle		
	m ³	ft ³		mm	inch	mm	inch	mm	inch			Km/h	mile/h	mm	inch	
400/50	5	180	2	5733	225	1590	63	2063	81	4000	8820	44/60	0-6	0-4	3200	126
450/70	7	250	2	6283	247	1905	75	2265	89	5300	11687	62/85	0-6	0-4	3800	149
450/90	9	320	2	6522	256	1905	75	2265	89	5600	12348	62/85	0-6	0-4	4000	157
450/110	11	390	2	6972	274	1905	75	2265	89	5900	13009	62/85	0-6	0-4	4200	165

- The width is with the discharge conveyor closed against the box wall
- The machine capacity, expressed in m³, applies to products of specific weight max. 350 Kg/m³
- Descriptions, data and pictures are indicative only. SEKO reserves the right to make any changes without any prior notification.



Total safety and reliability are the qualities of these machines, really unique for their extraordinary loading capacity and excellent working quality. The Chopping-Mixers 700 Series find their ideal position in the larger farms, granting a quick and perfect working of the different products destined to the Unifeed preparation.

Round bales of forage or grass silage are very easily chopped thanks to the exclusive chopping-mixing system consisting of two strong lower augers equipped with patented star-shaped knives.

The ration given to the cows is perfectly mixed, appetizing, and respects the organoleptic characteristics of the products.

Thanks to a technique wisely carried out in every main component, the great functionality of these machines grants certain results to the farmer and a quick gain from the investment.



Samurai 5 700/300

The custom-built model of Chopping-Mixers SAMURAI 5, with 30 m³ capacity



Samurai 5 700/300

The innumerable innovations of new SAMURAI all aimed to

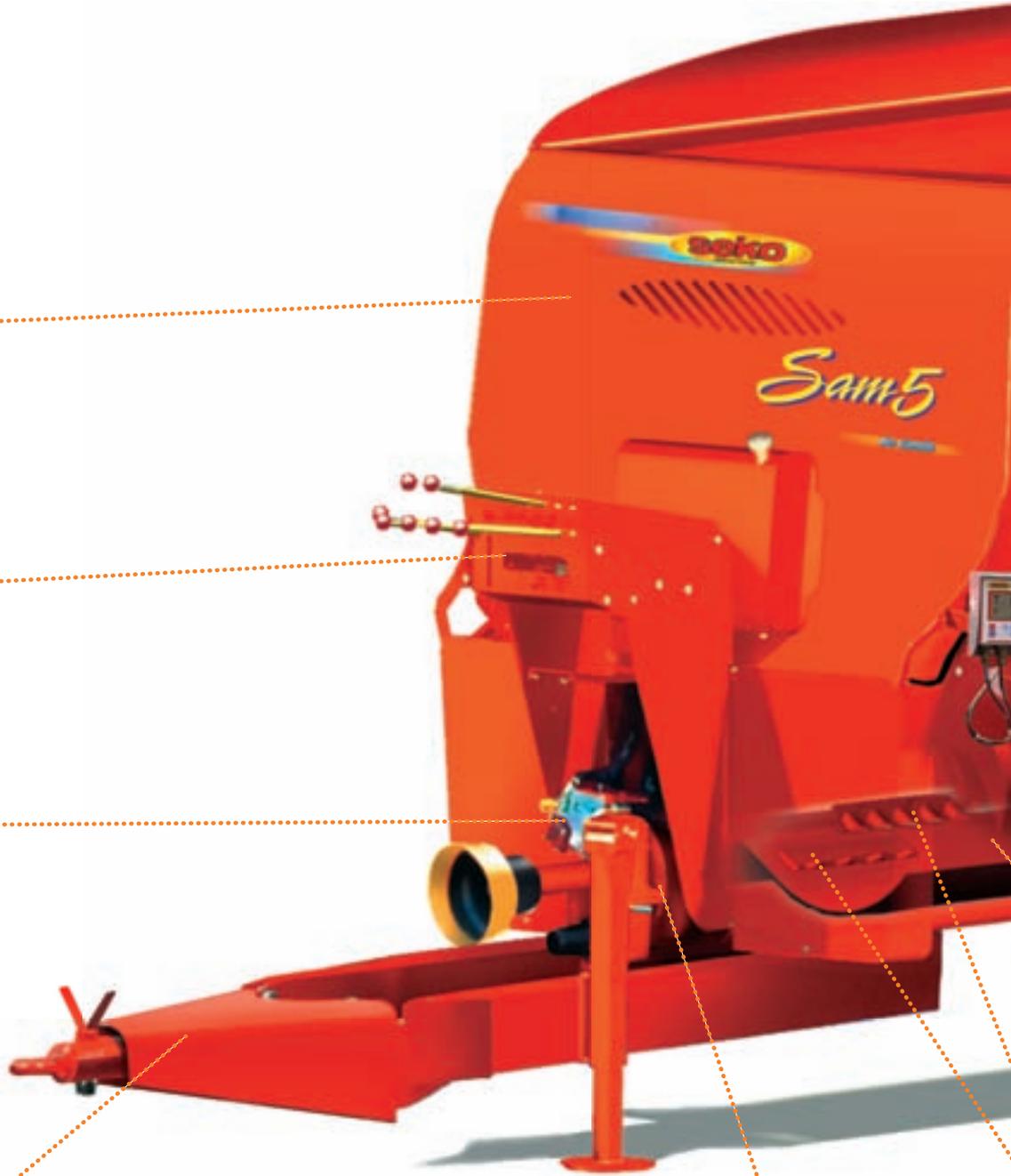
New designed mixing box, compact and strong, completely welded

New strengthened control board for electric and hydraulic components

High resistance chains, with lubricating system in permanent oil bath

New adjustable and interchangeable draw bar

New epicycloidal reduction gear of higher quality, at elevated torque



5 series,
to the highest quality and performance



New upper edges for containing bulky fibrous products, with maximum shock resistance.

New rear wall of high thickness steel, arranged for 3 different loading systems

New discharge conveyor with wide opening for a quick and uniform discharge of the product

New strengthened counter-blades, at high efficiency tough products

New box bottom lining in high resistance steel with thicker material

New weighing system of better reliability and precision

New augers at high resistance and thickness (10-12-15-20 mm) according to the model

New "non-unscrewing" system for blade fixing through bolts with right and left screw thread



Samurai 5 600/200

The new SAMURAI 5 series had an important structural renewal, which grants to these machines more strength and solidity.

The new designed mixing box, more compact and stronger, is made with high resistance and bigger thickness steel, and has been stiffened, on all the side walls, by a set of additional bends and stiffening edges, which grant an elevated capacity of absorbing the stresses of bulky and heavy products.



Samurai 5 600/200 with crane

To make the work easier using only one tractor, the crane represents undoubtedly an useful equipment for moving and loading both loose and baled products.

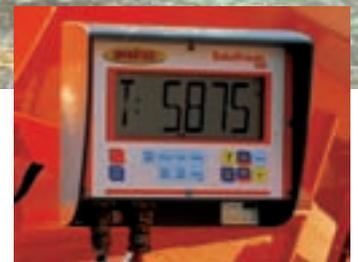


Samurai 5 500/110

The weighing system consists of 3 load cells placed horizontally, which are the connection between the mixing box, the axle and the draw bar of the machine, granting the highest precision in the weighing of material.

A computer head with a clearly readable display allows the operator to program up to 100 recipes of 100 ingredients each, controlling both the loading and the discharging programs of the different ingredients, according to the quantity and the type of cattle to feed.

Remote repeaters, portable wireless repeaters, Radio control, Printers and Data transfers are also available, particularly useful to let the user act in total comfort, as well as transfer the data related to the weighing operations directly in the operational computer of the company.



Samurai 5 500/170

The rear hopper, of wide dimensions, allows an easy loading of the most different products in limited quantity, such as flour, mineral salts, integrators and additives.

Samurai 5 • 450-400 series



The special "German" type draw bar, TÜV homologated, assures an easy and quick coupling to the tractors equipped with a pull hook placed above the PTO, still used in several farms in Germany and many other East European Countries.

Samurai 5 450/90

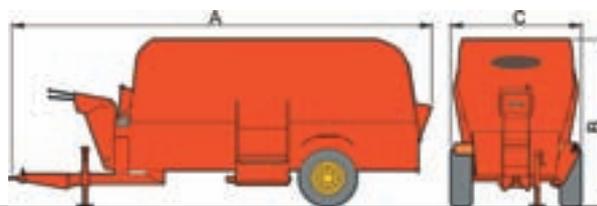


With attention also to the needs of smaller operator, in the wide range of Chopping-Mixers proposed by SEKO, you can find also the machine with 5 m³ capacity, which are appreciated in the small farms for their advanced construction technique and maximum functionality in chopping, mixing and distribution operations.



Samurai 5 400/50

The inspection ladder with access platform is serial in all the machines, in accordance with the new safety regulations.



Samurai 5 version without silage tiller

Model	Capacity		Augers N°	Length (A)		Overall machine width		Overall wheel width		Height (B)		Unladen weight		Power Hp	P.T.O. rpm
	m ³	ft ³		mm	inch	mm	inch	mm	inch	mm	inch	Kg	lb.		
400/50	5	180	2	4794	188	1556	61	1422	56	2063	81	2600	5733	30	540
450/70	7	250	2	5133	202	1905	75	1905	75	2265	89	3600	7938	40	540
450/90	9	320	2	5583	219	1905	75	1905	75	2265	89	3900	8599	50	540
450/110	11	390	2	6033	237	1905	75	1905	75	2265	89	4200	9261	60	540
500/110	11	390	2	5887	231	2045	80	2045	80	2406	94	4900	10804	60	540
500/130	13	460	2	5887	231	2045	80	2045	80	2656	104	5300	11686	70	540
500/150	15	530	2	6487	255	2045	80	2045	80	2656	104	5400	11907	80	540
500/170	17	600	2	6787	267	2335	92	2335	92	2691	106	5600	12348	90	540
600/170	17	600	2	6505	256	2335	92	2335	92	2791	110	7200	15876	90	540
600/200	20	710	2	7105	279	2335	92	2335	92	2791	110	7600	16758	100	540
600/230	23	813	2	7406	291	2335	92	2335	92	3000	118	8000	17640	120	540
650/250	25	888	2	8013	315	2557	100	2557	100	3159	124	9600	21168	160	1000
700/300	30	1060	2	8992	353	2657	104	2657	104	3264	128	11100	24475	200	1000

- The width is with the discharge conveyor closed against the box wall
- The machine capacity, expressed in m³, applies to products of specific weight max. 350 Kg/m³
- Descriptions, data and pictures are indicative only. SEKO reserves the right to make any changes without any prior notification.

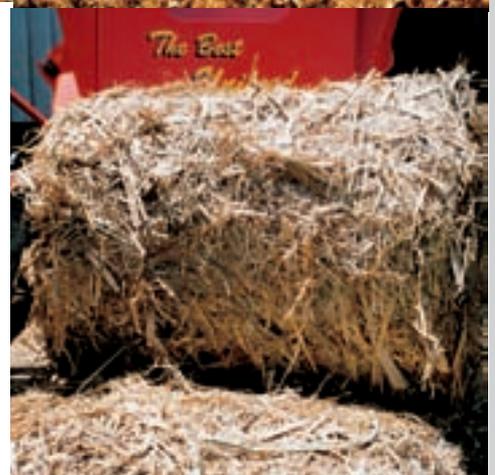


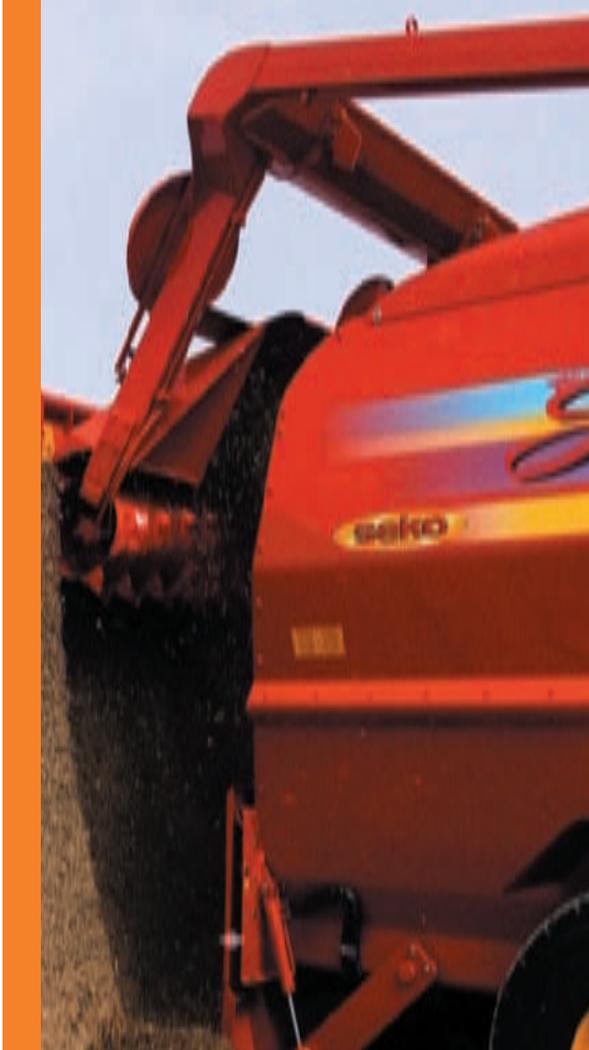
A very good Unifeed ration even with sugarcane round bales



All over the world, the Chopping-Mixers SEKO fully meet the farmers' needs, thanks to their all-round capacity to work any product and by-product available in the farms.

Even in the pleasant islands of the Pacific Ocean, with wide sugarcane cultivations, thanks to the performances typical of SAMURAI 5 models, some skilled farmers achieved a Unifeed ration appetizing and with a very high nutritional value, using round bales made of this product.





The strong silage tiller

The silage tiller has been completely re-designed and improvements give it better strength and reliability, able to develop elevated performances even in tilling the toughest products. A strong support frame, complete with limit stops, gives a perfect stability to the points of support of the tiller unit, thanks to its new geometry. The rear tilting wall, of wide dimensions, allows an extraordinary loading speed of the products, preventing any leakage and grants, at the same time, a very good circulation of these products within the box, for a perfect mixing. The rear conveyor was improved with a new geometry, using high resistance and higher thickness steels, which give it a greater resistance during the manoeuvre operations.

The rear shovel, equipped with two additional sliding rolls, makes the reversing move easy while approaching the silage.

The tilling roller, unique for all the models, offers a working width of 1800 mm and is equipped with new blades, with bigger thickness, which assure the best efficiency in tilling hard silages, and a high wear resistance.



Samurai 5 500/135

The transmission, extremely strong and reliable, is assured by a new epicycloidal reduction gear of higher class and torque, and by high resistance chains, with lubrication system in a permanent oil bath. Sprung loaded spring tensioners are fitted to the drive chain.

During the normal hard daily work, the mechanical simplicity, reliability and great safety offered by these machines highlight a qualified engineering, in accordance to top standards of construction.



Samurai 5 500/135



Samurai 5 version with silage tiller

Model	Capacity		Augers N°	Length (A)		Overall machine width		Overall wheel width		Height (B)		Tiller working width height		Unladen weight		Power Hp	P.T.O. rpm		
	m ³	ft ³		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Kg	lb.				
450/95	9	320	2	6399	251	1905	75	1905	75	2265	89	1800	71	4600	181	5000	11025	60	540
450/115	11	390	2	6850	269	1905	75	1905	75	2265	89	1800	71	4600	181	5550	12237	70	540
500/115	11	390	2	6731	264	2106	83	2045	80	2406	94	1800	71	4700	185	6300	13891	70	540
500/135	13	460	2	6745	265	2106	83	2045	80	2656	104	1800	71	4700	185	6500	14332	80	540
500/155	15	530	2	7342	288	2106	83	2045	80	2656	104	1800	71	4700	185	6900	15214	90	540
500/175	17	600	2	7656	300	2335	92	2335	92	2691	106	1800	71	4700	185	7100	15655	100	540
600/175	17	600	2	7385	290	2335	92	2335	92	2791	110	1800	71	5200	204	8400	18522	100	540
600/205	20	710	2	7988	314	2335	92	2335	92	2791	110	1800	71	5200	204	9000	19845	110	540
600/235	23	813	2	8285	325	2335	92	2335	92	3000	118	1800	71	5500	216	9400	20730	120	540

- The width is with the discharge conveyor closed against the box wall
- The machine capacity, expressed in m³, applies to products of specific weight max. 350 Kg/m³
- Descriptions, data and pictures and indicative only. SEKO reserves the right to make any changes without any prior notification.



The machines equipped with rear loading shovel, with great loading capacity and ease of use, offer irreplaceable advantages.

This version assures an independent loading system both of round bales and loose products, and reduces the working time, because it requires only a tractor for the whole preparation and distribution of the Unifeed ration.

Its working can be checked by standard lever controls or electro-hydraulic controls available upon request.



Samurai 5 Vulcan System

A prestigious and versatile machine to till, chop, mix, distribute and blow straw

A Chopping-Mixer and a Straw Blower included in a single machine, with extraordinary performances, the only one of its kind. The strong turbine allows preparation of a soft bed, to grant to the animals the best hygienic conditions.



From now on, thanks to the Chopping-Mixers SAMURAI 5 Series Vulcan, the farmers can rely on a new partner able to perform both feeding and stable keeping operations.

Thanks to the VULCAN System, you can have a strong machine able to till, chop, mix, distribute and blow straw .

According to the laws on stables' hygienic conditions, straw bedding is a need that these machines can effectively satisfy .

The powerful "VULCAN System" turbine allows to blow straw up to a 17 m. distance, by using giant round or square bales.

The straw is uniformly cut, having a length from 10 to 15 cm, and it is smoothly distributed within few minutes, forming a soft and healthy bed.



Samurai 5 500/150 Vulcan System



Samurai 5 500/113 Vulcan System

A wide range of fittings to customise your Chopping-Mixer SAMURAI 5 following your to increase the versatility of your work



- Mechanical hand brake, applied by hand wheel



- Hydraulic standing foot



- Standard draw bar adjustable in height, changeable with "German" type draw bar



- "German" draw bar to couple to tractors with pull hook placed above the PTO



- Control console with "push-pull" lever controls



- Controls by distributor with cables to operate from the tractor driver's seat



- Remote controls by solenoid valves with keyboard



United Division

requirements,



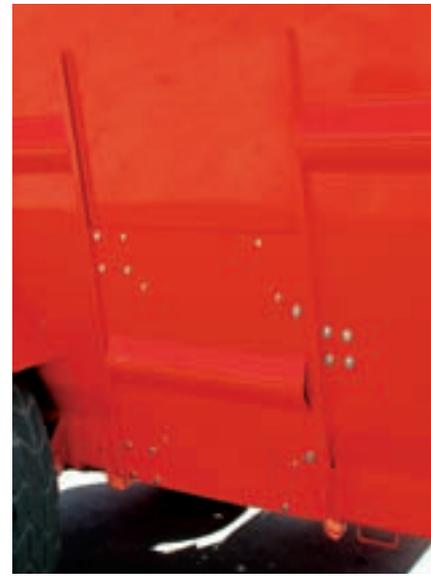
- Side direct discharge



- Side discharge through conveyor 800 mm long



- Side discharge through tilting conveyor available up to 3 m long



- Bolted door for second discharge application



- Rear door for integrative products loading



- Weighing system display, easy to read and program

SAMURAI 5 stationary version with electric motor



The best solution for automated production processes

The Chopping-Mixers SAMURAI 5 series, equipped with electric motor are particularly suitable for industrial plants destined to total mixed ration fodder preparation, from where they can be also remote controlled, by PLC program, through the electronic control panel supplied upon request. The low level of acoustic emissions coming from both the motor and the chopping-mixing section makes this machine suitable for working in any environment. Reliability, high performances and low operating costs allows these machines to be used for many hours a day. A range of multi-purpose machines, able to work with extreme precision and quickness any product used in the Unifeed preparation: from the traditional dry or wet forages, both baled and loose, up to maize and grass silages and many other non-usual foods. All the transmission parts are placed in order to allow easy access during the maintenance operations.

The models of small and medium capacity suit perfectly in the farms with an automated system for food distributions, thanks to their reduced dimensions. In fact, these farms are typical for their narrow passages within the stables, forbidding the access to any type of trailed or self-propelled machine.



Samurai 5 400/50 ME

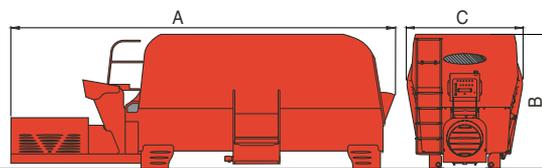


Samurai 5 700/300 ME

If the farmers would prefer a Chopping-Mixer with electric motor, for its operating economy, able to distribute directly on particular stables, the machines SAMURAI 5 series are carried out in self-propelled version equipped with the rail movement system. This system allows the displacement of the machine from the Unifeed preparation place directly to the mangers.



Samurai 5 400/50 MER



Samurai 5 version with electric engine

Model	Capacity		Augers N°	Length (A)		Width (C)		Height Unladen (B)		weight		Power kW
	m ³	ft ³		mm	inch	mm	inch	mm	inch	Kg	lb.	
400/50-ME	5	180	2	5173	203	1556	61	1913	75	2500	5512	15
450/90-ME	9	320	2	5962	234	1744	68	2100	82	4100	9040	30
450/110-ME	11	390	2	6412	252	1744	68	2100	82	4400	9702	30
500/110-ME	11	390	2	6266	246	1929	76	2186	86	5100	11245	37
500/130-ME	13	460	2	6266	246	1960	77	2436	96	5500	12127	37
500/150-ME	15	530	2	6866	270	1960	77	2436	96	5900	13000	55
500/170-ME	17	600	2	7166	281	1960	77	2436	96	6100	13450	55
600/170-ME	17	600	2	6884	270	2161	85	2536	100	7200	15876	90
600/200-ME	20	710	2	7484	294	2161	85	2536	100	7600	16758	90
600/230-ME	23	813	2	7784	306	2161	85	2536	100	8000	17640	90
650/250-ME	25	888	2	8200	322	2450	96	3060	120	12000	26460	160
700/300-ME	30	1060	2	9250	363	2632	103	3169	124	14000	30870	160

- The width is with the discharge conveyor closed against the box wall
- The machine capacity, expressed in m³, applies to products of specific weight max. 350 Kg/m³
- Descriptions, data and pictures and indicative only. SEKO reserves the right to make any changes without any prior notification.

Strength, Reliability, Economy

This line of stationary Chopping-Mixers, specially developed for static plants situated in areas not provided with electric power, is made of 5 models with range of 15 to 30 m³ capacity. They are equipped with powerful and reliable ecological motors Perkins "Stage 2", having an integral electronic management system.

These 175 Hp engines, having high torque and power, assure great performances with the best efficiency in fuel consumption. A "supersilent" muffler further reduces the low noise level.

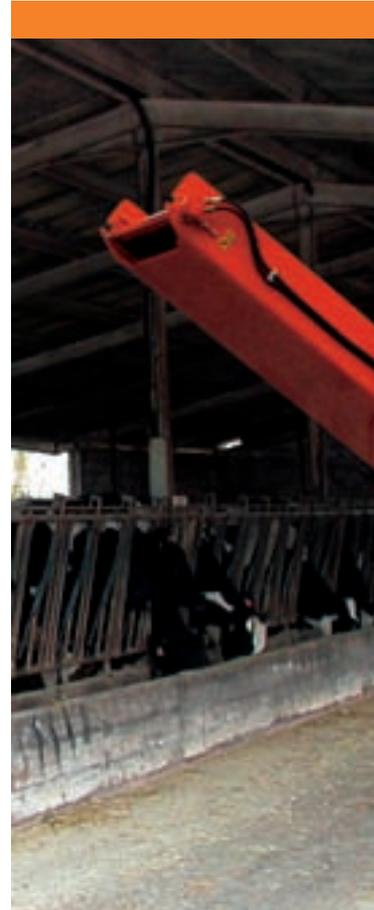
The capacious fuel reservoir, of 220 lt. capacity, assures a high working range.

Special care was given in designing the new cooling system, equipped with clogging-safe coolers, as a guarantee of the best functionality in any climatic condition.

Both the motor compartment and the central control board are very easy to reach, in order to make the control and maintenance operations in total comfort.

Flexibility and safety are further emphasized by the hydrostatically operated transmission, with automatic reverse gear of augers motion, in order to save them from occasional introduction of foreign bodies.

In the range of the different fittings, the transport system is particularly indicated; it consists of a strong axle, complete with mechanical brakes, rubberized wheels and pull hook to grant comfortable movements within the farm, or from a working place to another.



Samurai 5 700/300 MD

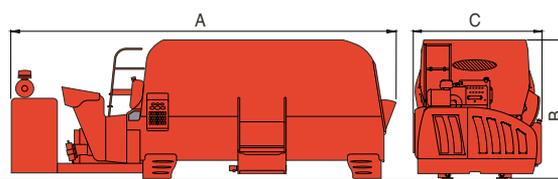
Samurai 5 stationary version with diesel motor



Samurai 5 600/200 MD



Upon request, they are available even in "Truck Mounted" version, for the attachment to a truck body.



Samurai 5 version with diesel engine

Model	Capacity Augers		N°	Length (A)		Width (C)		Height (B)		Uladen weight		Power kw/Hp
	m ³	ft ³		mm	inch.	mm	inch	mm	inch	Kg	lb.	
500/150-MD	15	530	2	6648	261	2186	86	2686	105	6300	13891	129/175
500/170-MD	17	600	2	6948	273	2196	87	2686	105	6500	14332	129/175
600/170-MD	17	600	2	6748	265	2316	91	2826	111	7600	16758	129/175
600/200-MD	20	710	2	7259	285	2316	91	2786	109	8000	17640	129/175
600/230-MD	23	813	2	7559	297	2316	91	2786	109	8400	18522	129/175
650/250-MD	25	888	2	8000	314	2450	96	3060	120	13000	28665	186/253
700/300-MD	30	1060	2	10300	404	2850	112	3500	137	15000	33075	258/350

- The width is with the discharge conveyor closed against the box wall
- The machine capacity, expressed in m³, applies to products of specific weight max. 350 Kg/m³
- Descriptions, data and pictures are indicative only. SEKO reserves the right to make any changes without any prior notification.



SEKO SpA
Via Gorizia, 90
35010 CURTAROLO (Padova) - Italy

Tel. 0039 049 9699888
Fax 0039 049 9620403
E-mail: marketing@sekospa.com
www.sekospa.com