



TIGER Series



The technological
excellence in the most
complete line of
Vertical Chopping Mixing
Wagons



Your specialist in cattle feeding

Index

Introduction	page	4
The Unifeed ration	page	6
TIGER VM Self Self-propelled version	page	8
TIGER VM Trailed version	page	22
Fittings	page	34

New TIGER VM Series



Unifeed Division

An extraordinary range of Vertical 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.

TIGER VM Series represents the most recent evolution in the Vertical 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



United 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 58 Countries, an indication of the high quality and performance produced by these machines.

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



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 Vertical Chopping-Mixing Wagons TIGER VM 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 efficiency, reliability and economy for the development of your farm.



Unifeed Division



The wide range of Chopping-Mixing-Wagons TIGER VM Series proposes the most complete and versatile solutions for Unifeed preparation in farms with dairy cows and fattening cattle.

Thanks to the experience achieved over 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 9 to 45 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.

TIGER VM Series



An exclusive range for all needs

A balanced feeding grants to your livestock the highest production levels and an optimal health condition

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 both in the farms with dairy cows and fattening cattle and, finally, to the sheep-and-goat livestock, which is an increasing market.



Unifeed Division



In this context, back in 1985 SEKO breaks through as a protagonist, developing an exclusive and revolutionary range of Chopping-Mixing Wagons, never existing until that moment, able not only to simply mix the products as the traditional market technologies proposed, but also able to chop products, particularly the baled fibrous ones, according to 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.

This innovative project, based on an idea of simplification, achieved the biggest consent worldwide, allowing the farmers to increase the milk production, both in quality and quantity, with a concrete reduction in production costs and an improvement of working conditions.

The Unifeed advantages involve also the typical health aspects of the farm, assuring positive effects on the animals health condition, thank to the possibility of adapting the nutritional level to their real needs. Good health of the herd allows to reduce drastically the pharmaceutical and veterinary costs.

Due to its skill in turning the best innovations into exclusive technologies, today SEKO introduces the new Chopping-Mixing Wagons TIGER VM 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 to help you as farmer in your best satisfaction.





TIGER VM Self 165



TIGER VM Self 165

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 TIGER VM 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 operator.

The certain investment for the future of your farm



United Division



TIGER VM Self 165

- 6 Models with capacity 12 - 14 - 16 - 20 - 24 - 30 m³
- Front longitudinal engine for better compactness and easier entry even in farms with narrow passages.
- Front silage harrow, which gives the operator the best visibility and control in loading operations.
- Tillaging rapidity thanks to the strong harrow, able to load 2 ton/m of maize silage.
- The 2 special augers, of short dimensions, allow to reduce considerably the volumes of the machines, both in height and width, even if they maintain a high loading capacity, assuring an easy entry also in farms with low passages.
- Chopping xprecision and rapidity thanks to the chopping system, equipped with blades of special cutting edge, particularly aggressive in working fibrous baled products.
- Accurate and homogeneous mixing
- Automotive" type movement, for the best machine handling and manoeuvring speed



TIGER VM Self 165

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 tillaging 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 tillaging 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.

Chopping and mixing are developed through two augers carried out with steels of a higher resistance and increased thickness, at helicoidal profile; these augers determine the movement of the products from the bottom to the top, keeping in this way the mixed product extremely soft. The augers are equipped with special sabre-profiled blades which interact with the counter-blades put diagonally in 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



one-auger TIGER VM Self Series



TIGER VM Self 155

The certain quality granted by a long tradition

Designed and built by an experienced and exacting technical staff, the Chopping-Mixing Wagons TIGER VM Self Series are the ideal machines for the farms, cooperatives and retailers who more and more need independent, quick, safe and reliable, machines representing a great help during the hard daily work.

In order to meet all the different requirements, these machines are available in one-auger version, with 11 - 13 - 15 m³ capacity, with or without front silage tiller.



TIGER VM Self 155



TIGER VM Self 130

All SEKO machines are typical for their simplicity, reliability and low operating costs.

All these aspects were fully developed in carrying out these machines, as a result of a tradition aimed to innovate at the highest levels; these machines are able not only to reduce the costs in preparing the total mixed ration, but above all to assure a perfect working, measuring out and distribution, even in the hardest working conditions.





Speed, safety and comfort make your work easier than ever

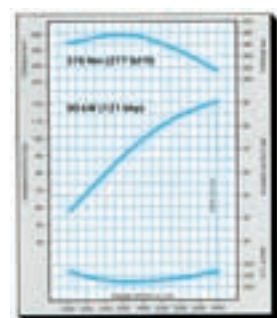
- In order to meet the increasing need of cooperatives and retailers to feed several farms in the same day, with frequent movements, the Chopping-Mixing Wagons TIGER VM Self are available, upon request, in version homologated for circulating on the road.
- The 40 Km/hour speed, available upon request,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



The powerful motorization

- All the models of TIGER VM 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.





The greasing system

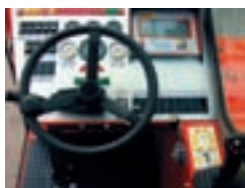
A new automatic greasing system, consisting of a pump with a 5 lt. reservoir, assures the periodic lubrication of all the bearings.

This system can also be operated even manually, by a lever in the cabin, if the greasing is required at different times.

The hydraulic system

The hydraulic system consists of six pumps. Two pumps with pistons and three with gears are assembled on the engine flywheel, and one more flanged pump 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 cabin

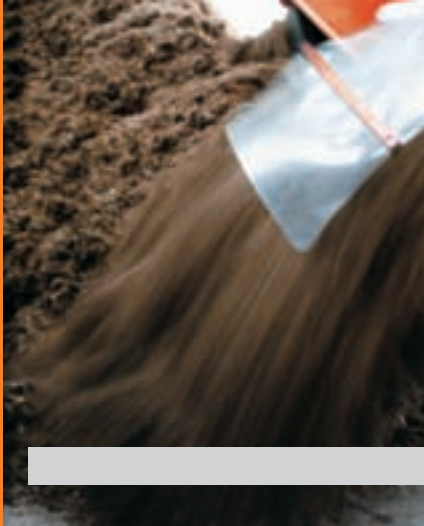
The new driver's cabin is roomy, comfortable, with high visibility and ergonomics.

All the manual controls are placed on the console in front of the operator, perfectly accessible, including the weighing system.

Through the handy joystick, situated on the operators 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.



STANDARD DISCHARGE FACILITIES

- Front bilateral discharge conveyor
- Left rear direct discharge

TIGER VM SELF Series

- two-augers version
- with silage tiller



Model	VM SELF 125	VM SELF 145	VM SELF 165	VM SELF 205	VM SELF 245
Capacity m ³ / (ft ³)	12 (424)	14 (495)	16 (565)	20 (707)	24 (848)
Augers N°	2	2	2	2	2
Blades N°	12	12	12	14	18
Tiller working width mm / (inch)	1800 (71)	1800 (71)	1800 (71)	1800 (71)	1800 (71)
Tiller working height mm / (inch)	4800 (189)	4800 (189)	4800 (189)	4800 (189)	4800 (189)
Length (A) mm / (inch)	8970 (353)	9030 (355)	9220 (362)	9780 (384)	10000 (393)
Width (C) mm / (inch)	2360 (93)	2360 (93)	2360 (93)	2420 (95)	2480 (98)
Height (B) mm / (inch)	2780 (109)	2780 (109)	2820 (111)	2800 (110)	3000 (118)
Unladen weight Kg / (lb.)	11700 (25800)	12000 (26460)	12300 (27200)	13600 (30000)	14500 (32000)
Discharge system	Front bilateral discharge conveyor + Left rear direct discharge				
Conveyor discharge height mm / (inch)	800 (32)	800 (32)	800 (32)	800 (32)	800 (32)
Conveyor discharge width mm / (inch)	900 (36)	900 (36)	900 (36)	900 (36)	900 (36)
Single front wheels N°	2	2	2	2	2
Wheel type	315/70 R22,5	315/70 R22,5	315/70 R22,5	315/70 R22,5	315/70 R22,5
Twins rear wheels N°	4	4	4	8	8
Wheel type	215/75 R 17,5	215/75 R 17,5	215/75 R 17,5	215/75 R 17,5	215/75 R 17,5
Engine power kW/Hp	129/175	129/175	129/175	129/175	129/175
Standard movement speed Km/h / (Mile/h)	0-25 (0-16)	0-25 (0-16)	0-25 (0-16)	0-25 (0-16)	0-25 (0-16)
Max allowable steepness : empty condition	20%	20%	20%	20%	20%
full load condition	13%	13%	13%	13%	13%

- The machine capacity, expressed in m³, applies to products of specific weight max. 350 Kg/m³ (22 pounds/single cft.)
- Descriptions, data and pictures are indicative only. SEKO reserves the right to make any changes without any prior notification.

Standard equipment

- Weighing system Sekotronic L150 with n° 15 programs
- 2-speed hydraulically operated augers transmission
- Water-oil-air cooling system with no-clogging coolers
- Hydraulically operated counter-blades
- Upper containment edge with tubular ring and fixing spokes



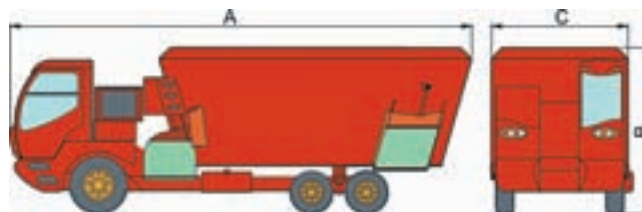
STANDARD DISCHARGE FACILITIES

- Front bilateral discharge conveyor
- Left rear direct discharge



TIGER VM SELF Series

- two-augers version
- without silage tiller

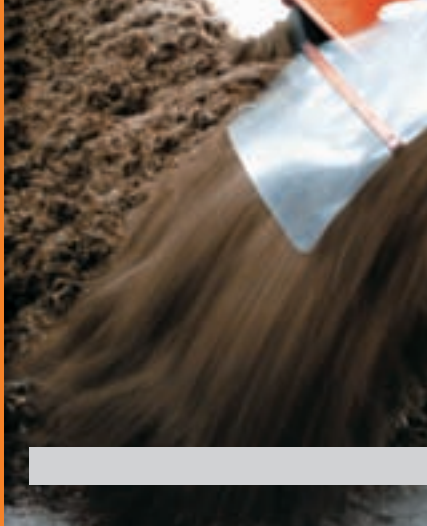


Model	VM SELF 120	VM SELF 140	VM SELF 160	VM SELF 200	VM SELF 240
Capacity m ³ / (ft ³)	12 (424)	14 (495)	16 (565)	20 (707)	24 (848)
Augers N°	2	2	2	2	2
Blades N°	12	12	12	14	18
Length (A) mm / (inch)	7700 (302)	7760 (305)	7950 (312)	8515 (334)	8730 (343)
Width (C) mm / (inch)	2360 (93)	2360 (93)	2360 (93)	2420 (95)	2480 (98)
Height (B) mm / (inch)	2780 (109)	2780 (109)	2820 (111)	2800 (110)	3000 (118)
Unladen weight Kg / (lb.)	10500 (23200)	10800 (23800)	11100 (24500)	12400 (27400)	13300 (29300)
Discharge system	Front bilateral discharge conveyor + Left rear direct discharge				
Conveyor discharge height mm / (inch)	800 (32)	800 (32)	800 (32)	800 (32)	800 (32)
Conveyor discharge width mm / (inch)	900 (36)	900 (36)	900 (36)	900 (36)	900 (36)
Single front wheels N°	2	2	2	2	2
Wheel type	315/70 R22,5	315/70 R22,5	315/70 R22,5	315/70 R22,5	315/70 R22,5
Twins rear wheels N°	4	4	4	8	8
Wheel type	215/75 R 17,5	215/75 R 17,5	215/75 R 17,5	215/75 R 17,5	215/75 R 17,5
Engine power kW/Hp	129/175	129/175	129/175	129/175	129/175
Standard movement speed Km/h / (Mile/h)	0-25 (0-16)	0-25 (0-16)	0-25 (0-16)	0-25 (0-16)	0-25 (0-16)
Max allowable steepness : empty condition	20%	20%	20%	20%	20%
full load condition	13%	13%	13%	13%	13%

- The machine capacity, expressed in m³, applies to products of specific weight max. 350 Kg/m³ (22 pounds/single cft.)
- Descriptions, data and pictures are indicative only. SEKO reserves the right to make any changes without any prior notification.

Fittings upon request

- Air conditioning
- Speed 0-40 km/h (0-25 Mile/h)
- Crane complete with fork for loading of products
- High strength steel blades
- Magnet for iron materials
- Automatic lubricating installation
- Spraying installation
- Timed hydraulically operated counter-blades
- Turning light as danger signal
- Light for discharge conveyor
- Defrosting rearview mirrors
- Conveyor extension for discharge height increase
- Discharge conveyor with higher speed
- Homologation for circulating on road



STANDARD DISCHARGE FACILITIES

- Front bilateral discharge conveyor

TIGER VM SELF Series

- one-auger version
- with silage tiller



Model	VM SELF 115		VM SELF 135		VM SELF 155	
Capacity m ³ / (ft ³)	11	(390)	13	(460)	15	(530)
Augers N°	1		1		1	
Blades N°	9		9		9	
Tiller working width mm / (inch)	1800	(71)	1800	(71)	1800	(71)
Tiller working height mm / (inch)	4800	(189)	4800	(189)	4800	(189)
Length (A) mm / (inch)	7500	(295)	7650	(300)	7830	(308)
Width (C) mm / (inch)	2480	(98)	2480	(98)	2530	(100)
Height (B) mm / (inch)	2800	(110)	3080	(121)	3200	(126)
Unladen weight Kg / (lb.)	11000	(24255)	11200	(24696)	11600	(25578)
Discharge system	Front bilateral discharge conveyor					
Conveyor discharge height mm / (inch)	800	(32)	800	(32)	800	(32)
Conveyor discharge width mm / (inch)	900	(36)	900	(36)	900	(36)
Single front wheels N°	2		2		2	
Wheel type	315/70 R22,5		315/70 R22,5		315/70 R22,5	
Twins rear wheels N°	4		4		4	
Wheel type	215/75 R 17,5		215/75 R 17,5		215/75 R 17,5	
Engine power kW/Hp	129/175		129/175		129/175	
Standard movement speed Km/h / (Mile/h)	0-25	(0-16)	0-25	(0-16)	0-25	(0-16)
Max allowable steepness : empty condition	20%		20%		20%	
full load condition	13%		13%		13%	

- The machine capacity, expressed in m³, applies to products of specific weight max. 350 Kg/m³ (22 pounds/single cft.)
- Descriptions, data and pictures are indicative only. SEKO reserves the right to make any changes without any prior notification.

Standard equipment

- Weighing system Sekotronic L150 with n° 15 programs
- 2-speed hydraulically operated auger transmission
- Water-oil-air cooling system with no-clogging coolers
- Hydraulically operated counter-blades
- Upper containment edge with tubular ring and fixing spokes



STANDARD DISCHARGE FACILITIES

- Front bilateral discharge conveyor



TIGER VM SELF Series

- one-auger version
- without silage tiller



Model	VM SELF 110	VM SELF 130	VM SELF 150
Capacity m ³ / (ft ³)	11 (390)	13 (460)	15 (530)
Augers N°	1	1	1
Blades N°	9	9	9
Length (A) mm / (inch)	6230 (245)	6380 (251)	6560 (258)
Width (C) mm / (inch)	2480 (98)	2480 (98)	2530 (100)
Height (B) mm / (inch)	2800 (110)	3080 (121)	3200 (126)
Unladen weight Kg / (lb.)	9800 (21609)	11000 (22050)	10400 (22932)
Discharge system	Front bilateral discharge conveyor		
Conveyor discharge height mm / (inch)	800 (32)	800 (32)	800 (32)
Conveyor discharge width mm / (inch)	900 (36)	900 (36)	900 (36)
Single front wheels N°	2	2	2
Wheel type	315/70 R22,5	315/70 R22,5	315/70 R22,5
Twins rear wheels N°	4	4	4
Wheel type	215/75 R 17,5	215/75 R 17,5	215/75 R 17,5
Engine power kW/Hp	129/175	129/175	129/175
Standard movement speed Km/h / (Mile/h)	0-25 (0-16)	0-25 (0-16)	0-25 (0-16)
Max allowable steepness : empty condition	20%	20%	20%
full load condition	13%	13%	13%

- The machine capacity, expressed in m³, applies to products of specific weight max. 350 Kg/m³ (22 pounds/single cft.)
- Descriptions, data and pictures are indicative only. SEKO reserves the right to make any changes without any prior notification.

Fittings upon request

- Air conditioning
- Speed 0-40 km/h (0-25 Mile/h)
- Crane complete with fork for loading of products
- High strength steel blades
- Magnet for iron materials
- Automatic lubricating installation
- Spraying installation
- Timed hydraulically operated counter-blades
- Turning light as danger signal
- Light for discharge conveyor
- Defrosting rearview mirrors
- Conveyor extension for discharge height increase
- Discharge conveyor with higher speed
- Homologation for circulating on road



Total safety and reliability are the qualities of these machines, really unique for their extraordinary loading capacity and excellent working quality.

The Chopping-Mixing Wagons TIGER VM find their ideal position in the medium and large farms, granting a quick and perfect integration of the different products destined to the Unifeed preparation.

Round bales of forage or grass silage are very easily chopped thanks to the chopping-mixing equipment, consisting of 2 strong vertical augers, equipped with special sabre-profiled blades which, through the interaction of the counter-blades, assure an optimal chopping and a quick mixing of the products.

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 optimum results to the farmer and a quick gain from the investment.





TIGER VM 200



TIGER VM 200

- The two-auger Vertical Chopping-Mixing Wagons TIGER VM Series are carried out with capacity of 12 - 14 - 16 - 20 - 24 - 30 m³. While the machines with capacity of 33 - 41 - 45 m³ are equipped with 3 augers.
- All the structural parts are built with high resistance and bigger thickness steels, giving the machines extreme stability and strength for long life.
- The cone-shaped box, compact and strong, is supported by a frame of high resistance steel.
- The wheel equipment consists of a single axle for machines with 12-14-16 m³ capacity and a double axle for those with 20-24-30 m³ capacity, both equipped with standard single wheels. The models with capacity of 33 - 41 - 45 m³ are equipped with a tridem axle.
- (Upon request, all the machines can be supplied with double wheels).
- All the operational functions are controlled by the hydraulic couplings to the tractor, with "push-pull" levers distributor.
- Upon request, they can be supplied also with independent hydraulic installation having controls by bowden cable distributor; these controls can be operated from the tractor driver's seat, or even through controls by keyboard with solenoid valves.





TIGER VM 160

The distribution of the finished product is offered with different discharge solutions, in order to keep the volume of the machine as low as possible, a basic factor in manoeuvring around the farm, in case of forced narrow passages.



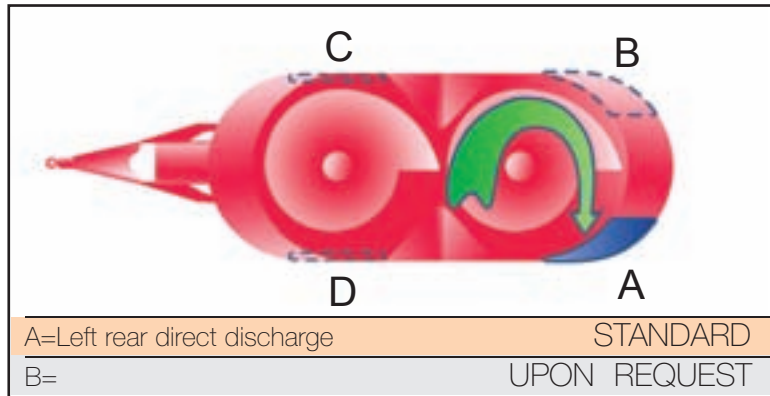
TIGER VM 120

The steel-made bilateral conveyor, front or rear fitting, grants a quick and uniform discharge of the product from both sides, and the additional side direct discharge assures an optimal emptying of possible residual materials inside the box.

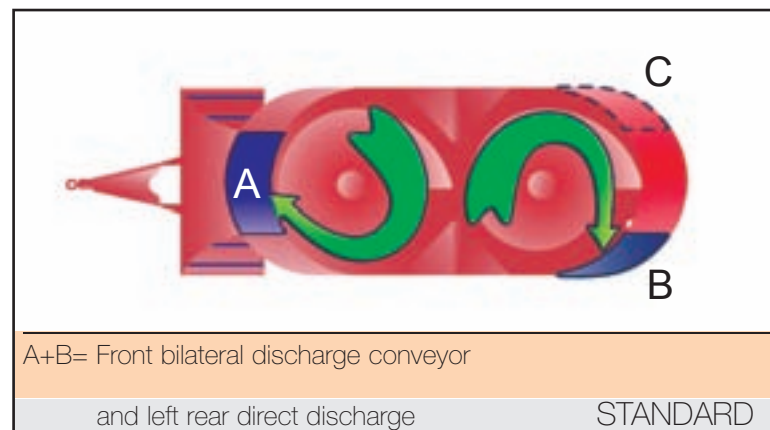
TIGER VM Series two-augers version

AVAILABLE DISCHARGE FACILITIES

TIGER VMS Series



TIGER VMF Series



Standard equipment

- Weighing system Sekotronic L150 with n° 15 programs
- Epicycloidal angular gear-boxes (N° 2)
- 2 speed gear for lower power absorption and quick emptying
- Manually operated counter-blades (N° 2)
- Hydraulic couplings to the tractor with "push-pull" levers distributor
- Mechanical standing foot
- Adjustable draw-bar
- Upper containment edge with tubular ring and fixing spokes
- Single axle for models of 12-14-16 m³ (424-495-565 ft³)
- Double axle for models of 20-24-30 m³ (707-848-1060 ft³)
- Inspection access ladder with platform

Fittings suggested by SEKO

- Hydraulically operated counter-blades
- PTO shaft with safety bolt

TIGER VMS Series



Model	VMS 120	VMS 140	VMS 160	VMS 200	VMS 240	VMS 300
Capacity m ³ (ft ³)	12 (424)	14 (495)	16 (565)	20 (707)	24 (848)	30 (1060)
Augers N°	2	2	2	2	2	2
Blades N°	12	12	12	14	18	18
Length (A) mm (inch)	6695 (263)	6761 (266)	6822 (268)	7431 (292)	7704 (303)	8262 (325)
Overall machine width (C) mm (inch)	2255 (89)	2255 (89)	2255 (89)	2555 (100)	2655 (104)	2735 (108)
Overall wheel width mm (inch)	2010 (79)	2010 (79)	2010 (79)	2010 (79)	2010 (79)	2010 (79)
Height (B) mm (inch)	2677 (105)	2776 (109)	2991 (118)	2966 (117)	3171 (125)	3593 (141)
Unladen weight Kg (lb.)	5700 (12600)	6000 (13230)	6300 (13900)	7000 (15540)	7500 (16540)	8800 (19400)
Direct discharge height mm (inch)	650 (25)	650 (25)	650 (25)	650 (25)	650 (25)	650 (25)
Single Wheels N° Wheel type	2 19/45 R17,0	2 19/45 R17,0	2 19/45 R17,0	4 19/45 R17,0	4 19/45 R17,0	4 19/45 R17,0
Power Hp	80	90	100	110	160	200
P.T.O. rpm	540	540	540	540	540	1000

TIGER VMF Series



Model	VMF 120	VMF 140	VMF 160	VMF 200	VMF 240	VMF 300
Capacity m ³ (ft ³)	12 (424)	14 (495)	16 (565)	20 (707)	24 (848)	30 (1060)
Augers N°	2	2	2	2	2	2
Blades N°	12	12	12	14	18	18
Length (A) mm (inch)	6695 (263)	6761 (266)	6822 (268)	7431 (292)	7704 (303)	8262 (325)
Overall machine width (C) mm (inch)	2256 (89)	2256 (89)	2256 (89)	2456 (97)	2473 (97)	2534 (100)
Overall wheel width mm (inch)	2010 (79)	2010 (79)	2010 (79)	2010 (79)	2010 (79)	2010 (79)
Height (B) mm (inch)	2677 (105)	2776 (109)	2991 (118)	2966 (117)	3171 (125)	3593 (141)
Unladen weight Kg (lb.)	6700 (14780)	7000 (15440)	7300 (16100)	8000 (17640)	8500 (18750)	9800 (21610)
Discharge conveyor height mm (inch)	800 (32)	800 (32)	800 (32)	800 (32)	800 (32)	800 (32)
Discharge conveyor width mm (inch)	900 (36)	900 (36)	900 (36)	900 (36)	900 (36)	900 (36)
Single Wheels N° Wheel type	2 19/45 R17,0	2 19/45 R17,0	2 19/45 R17,0	4 19/45 R17,0	4 19/45 R17,0	4 19/45 R17,0
Power Hp	80	90	100	110	160	200
P.T.O. rpm	540	540	540	540	540	1000

- The machine capacity, expressed in m³, applies to products of specific weight max. 350 Kg/m³ (22 pounds/single cft.)
- Descriptions, data and pictures are indicative only. SEKO reserves the right to make any changes without any prior notification.

Fittings upon request

- Independent hydraulic installation
- 2 speed gearbox lever with cable, to operate from the tractor driver's seat
- By-cable or electro-hydraulic controls for additional functions
- Big angle PTO shaft
- Hydraulic standing foot
- High strength steel blades
- Mechanical or hydraulic or pneumatic braking system
- Lights installation
- Spraying installation
- Timed hydraulically operated counter-blades
- Conveyor extension for higher discharge height
- Discharge conveyor with higher speed
- Crane complete with fork for loading of products
- Magnet for iron separation
- Hopper for loading of loose products
- "German" type draw-bar
- Twins wheels 215/75R17,5
 - *height decrease 32 mm (1,26 inch)
 - *total wheel width increase 80 mm (3,14 inch)
 - *n° 4 for models of 12-14-16 m³ (424-495-565 ft³)
 - *n° 8 for models of 20-24-30 m³ (707-848-1060 ft³)
- Homologation for circulating on road



The one-auger Chopping-Mixing Wagons TIGER VM Series, carried out with 9 - 11 - 13 and 15 m³, capacity, fully meet the needs of small and middle sized farms.

These machines, having the same building philosophy of two-auger ones, are extremely strong and reliable, able to chop whatever fibrous product in total efficiency and rapidity, assuring a perfect mix.

The height of one-auger Chopping-Mixing Wagons TIGER VM Series is reduced, in order to make the loading operations easier, such as their manoeuvring around the farm.

Baled products can be introduced by the traditional front loader, or through a crane assembled directly on the machine, available upon request.

The loading of maize silage can be made through a stationary tiller.

The central cone shaped auger, spiralled and equipped with anti-wear steel blades, assures a quick chopping and, in few minutes, both entire round bales of dry forages and grass silages can be treated.

Also the mix is quick and precise, providing a ration considered physiologically suitable for the ruminating process.



TIGER VM 130





TIGER VM 130



TIGER VM 150



TIGER VM 90

The measuring out of the different elements, provided by the total mixed ration, is controlled through a weighing system, consisting of 3 loading cells, placed between the mixing box and the counter-frame to avoid any change from torsion stresses, and a computer head controlling both the loading and 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.



The transmission, extremely strong and reliable, contains a new epicycloidal angular reduction gear of higher class and an elevated direct torque, integrated with PTO shaft.

TIGER VM 90



TIGER VM Series, a worthwhile choice for every farm.



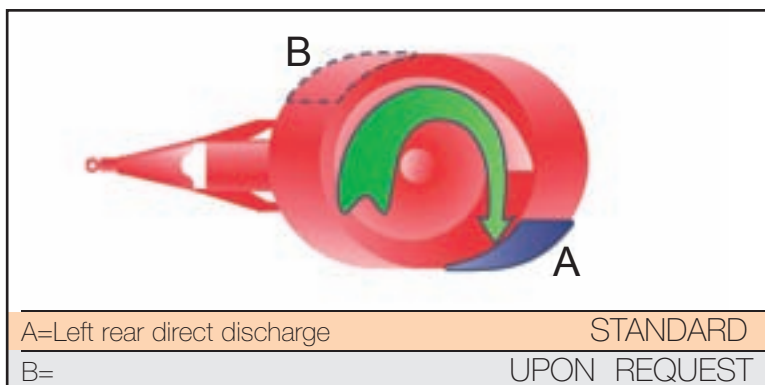
All over the world, the SEKO Chopping-Mixing Wagons fully meet the farmers' needs, thanks to their all-round capacity to work any product and by-product available on the farms.

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

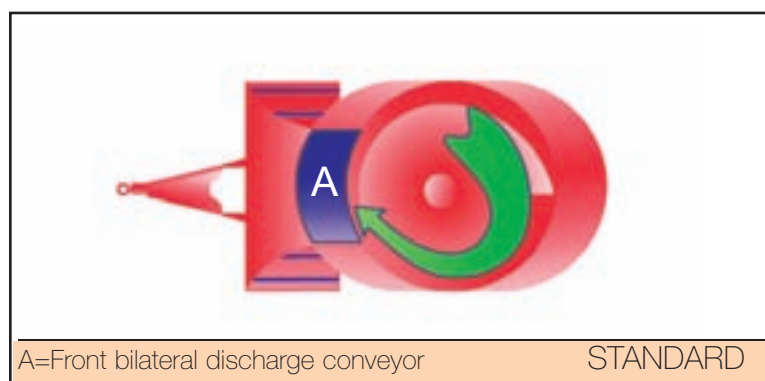


AVAILABLE DISCHARGE FACILITIES

TIGER VMS Series



TIGER VMF Series



Standard equipment

- Weighing system Sekotronic L150 with n° 15 programs
- Epicycloidal angular gear-box
- 2 speed gear for lower power absorption and quick emptying
- Manually operated counter-blades (N° 2)
- Hydraulic couplings to the tractor with "push-pull" levers distributor
- Mechanical standing foot
- Adjustable draw-bar
- Upper containment edge with tubular ring and fixing spokes
- Single axle with single wheels
- Inspection access ladder with platform

Fittings suggested by SEKO

- Hydraulically operated counter-blades
- PTO shaft with safety bolt

TIGER VMS Series



Model	VMS 90		VMS 110		VMS 130		VMS 150	
Capacity m ³ (ft ³)	9	(320)	11	(390)	13	(460)	15	(530)
Augers N°	1		1		1		1	
Blades N°	7		9		9		9	
Length (A) mm (inch)	5117	(201)	5220	(205)	5299	(209)	5435	(214)
Overall machine width (C) mm (inch)	2498	(98)	2597	(102)	2597	(102)	2675	(105)
Overall wheel width mm (inch)	2010	(79)	2010	(79)	2010	(79)	2010	(79)
Height (B) mm (inch)	2714	(107)	2898	(114)	3174	(125)	3307	(130)
Unladen weight Kg (lb.)	4100	(9040)	4300	(9480)	4500	(9920)	4800	(10584)
Direct discharge height mm (inch)	650	(25)	650	(25)	650	(25)	650	(25)
Single Wheels N°	2		2		2		2	
Wheel type	400/60 R15,5		400/60 R15,5		19/45 R17,0		19/45 R17,0	
Power Hp	60		70		80		90	
P.T.O. rpm	540		540		540		540	

TIGER VMF Series



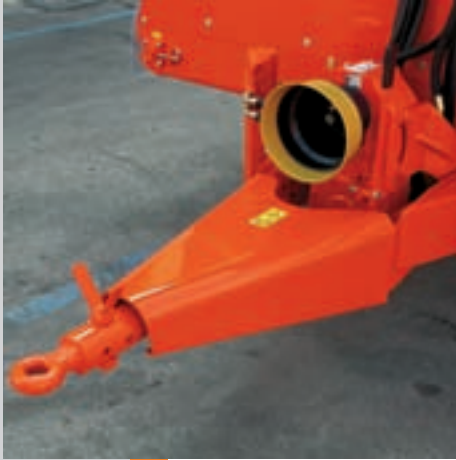
Model	VMF 90		VMF 110		VMF 130		VMF 150	
Capacity m ³ (ft ³)	9	(320)	11	(390)	13	(460)	15	(530)
Augers N°	1		1		1		1	
Blades N°	7		9		9		9	
Length (A) mm (inch)	5117	(201)	5220	(205)	5299	(209)	5435	(214)
Overall machine width (C) mm (inch)	2456	(97)	2456	(97)	2456	(97)	2500	(98)
Overall wheel width mm (inch)	2010	(79)	2010	(79)	2010	(79)	2010	(79)
Height (B) mm (inch)	2714	(107)	2898	(114)	3174	(125)	3307	(130)
Unladen weight Kg (lb.)	5100	(11245)	5300	(11686)	5500	(12127)	5800	(12789)
Discharge conveyor height mm (inch)	800	(32)	800	(32)	800	(32)	800	(32)
Discharge conveyor width mm (inch)	900	(36)	900	(36)	900	(36)	900	(36)
Single Wheels N°	2		2		2		2	
Wheel type	400/60 R15,5		400/60 R15,5		19/45 R17,0		19/45 R17,0	
Power Hp	60		70		80		90	
P.T.O. rpm	540		540		540		540	

- The machine capacity, expressed in m³, applies to products of specific weight max. 350 Kg/m³ (22 pounds/single cft.)
- Descriptions, data and pictures are indicative only. SEKO reserves the right to make any changes without any prior notification.

Fittings upon request

- Independent hydraulic installation
- 2 speed gearbox lever with cable, to operate from the tractor driver's seat
- By-cable or electro-hydraulic controls for additional functions
- Big angle PTO shaft
- Hydraulic standing foot
- High strength steel blades
- Mechanical or hydraulic or pneumatic braking system
- Lights installation
- Spraying installation
- Timed hydraulically operated counter-blades
- Conveyor extension for higher discharge height
- Discharge conveyor with higher speed
- Crane complete with fork for loading of products
- Magnet for iron separation
- Hopper for loading of loose products
- "German" type draw-bar
- Twins wheels 215/75R17,5
 - *height decrease 32 mm (1,26 inch),
 - *total wheel width increase 80 mm (3,14 inch)
- Homologation for circulating on road

Some fittings of the standard equipment



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



- Single wheels



- Hopper with upper containment edge



- Control-holding board with "pull-push" lever controls



- Weighing system display easy to read and to program



- Rear left direct discharge

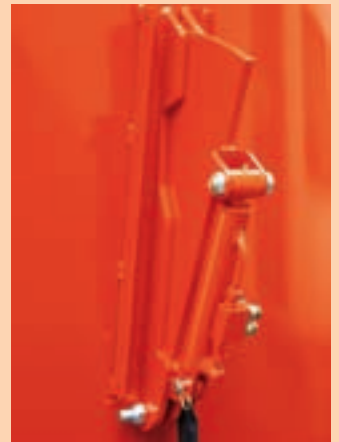
Fittings available upon request



- Mechanical hand brake, applied by hand wheel



- Chopping blades at high resistance, with special cutting edge



- Hydraulically operated counter-blades, to better combine the working speed and the power used



- Version with independent hydraulic installation



- 2 speed gearbox for lower power absorption and a quick chopping
- Gear lever with cable, to operate from tractor driver's seat



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



- Rear loading door for integrative products



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



- Remote controls by solenoid valves with keyboard



- Double wheels



SEKO S.p.A.
Via Gorizia, 90
35010 CURTAROLO (Padova) - Italy

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