

TECHNICAL SPECIFICATIONS

VERTIMIX PICCOLA

TECHNICAL SPECIFICATIONS	VM-35 PICCOLA	VM-70 PICCOLA
Actual capacity of mixing	3,5	7
Number of screws	1	1
Width (mm)	2050	2450
Height (mm)	2325	2550
Length (mm)	3470	4005
Tires	7,5 X 16 (2x)	10,5/65-16R (2x)
Approximate weight (kg)	1670	2950
Minimum power required in TDP (CV)	30	50
Thickness of the bottom plate (mm)	15,87	15,87
Thickness of the side plate (mm)	4,76	6,35
Thickness of the vertical screw (mm)	9,52	12,70



VERTIMIX TENSIONED

TECHNICAL SPECIFICATIONS	VM-120T COMPACT	VM-120T STANDARD	VM-140T COMPACT	VM-140T STANDARD	VM-150 T TWIN	VM-170T STANDARD	VM-200T TWIN
Actual capacity of mixing	12	12	14	14	15	17	20
Number of screws	1	1	1	1	2	1	2
Width (mm)	2680	2935	2870	3000	2822	3320	2800
Height (mm)	2810	2810	3100	3100	2746	3050	3000
Length (mm)	5250	5250	5380	5380	6626	5640	7730
Tires	8,25 X 15 (4x)	8,25 X 15 (4x)	8,25 X 15 (4x)	8,25 X 15 (4x)	900 X 20 (4x)	8,25 X 15 (4x)	8,25 X 15 (4x)
Approximate weight (kg)	4940	5010	6100	6175	7900	7500	10360
Minimum power required in TDP (CV)	60 e 80	60 e 80	90	90	90	100	110
Thickness of the bottom plate (mm)	15,87	15,87	15,87	15,87	15,88	19,05	19,05
Thickness of the side plate (mm)	6,35	6,35	6,35	6,35	7,94	6,35	7,94
Thickness of the vertical screw (mm)	12,7	12,7	12,7	12,7	12,7	12,7	12,7
Type of discharge	Gravity	Conveying belt	Gravity	Conveying belt	Bilateral conveying belt	Conveying belt	Bilateral conveying belt

VERTIMIX TRUCK

TECHNICAL SPECIFICATIONS	VM-170C	VM-200C TWIN
Actual capacity of mixing	17	20
Number of screws	1	2
Width (mm)	3450	2850
Height (mm)	2500	2460
Length (mm)	5200	6400
Approximate weight (kg)	4600	7350
Thickness of the bottom plate (mm)	19,05	19,05
Thickness of the side plate (mm)	6,35	7,94
Thickness of the vertical screw (mm)	12,7	12,7
Minimum power required by the hydrostatic system truck	---	270
Minimum power required by the mechanical system truck	170	---



VERTIMIX STATIONARY

TECHNICAL SPECIFICATIONS	VM-70E PICCOLA	VM-120E	VM-200E TWIN
Actual capacity of mixing	7	12	20
Number of screws	1	1	2
Width (mm)	2270	2680	2910
Height (mm)	3000	3060	3100
Length (mm)	4090	4920	7280
Approximate weight (kg)	3600	5115	8305
Power required (KW)	30	50	100
Thickness of the bottom plate (mm)	15,87	15,87	19,05
Thickness of the side plate (mm)	4,76	6,35	7,94
Thickness of the vertical screw (mm)	9,52	12,7	12,7



Technical specifications subject to change without notice. The photos are illustrative and the weights are approximate.

Total Mixed Ration Mixers



Total Area Forage Harvesters



Feed Distributors



Manure Spreaders



Telephone: +55 (16) 3411-5000 / +55 (16) 3411-5001 / +55 (16) 98122-4238 / +55 (16) 99789-4238 - Rod. Washington Luís, Km 237, São Carlos/SP - Brasil.

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High performance mixer with voluminous of any kind, either long or medium fiber

WARRANTY OF 3 YEARS

EXCLUSIVE TWO-IN SYSTEM



VERTIMIX®

Vertical mixer of total ration

Mixer system composed of 1 or 2 vertical screws. Vertimix® chops large hay bales or rolls and softwood, operating from 10% of its capacity.

Benefits

- Product with the reliability of CASALE brand.
- Continuous and uniform discharge due to the exclusive CASALE Two-in system.
- It facilitates exhaust system, while the total diet remains.
- It works with large roll of hay, long fiber and palm.
- Any type of voluminous food is chopped and mixed in a simple and efficient way, although it is a hard forage fiber.
- It provides a balanced and adequate diet.
- Guarantee of a TMR distribution evenly as any other similar machine.
- Homogeneous mixture of total ration, uncompressed and palatable to the cattle.
- Most durability and less waste.
- Better targeting and uniform distribution in the version with conveyor belt. Zero maintenance, in the gravity version.
- Ease and reliability in the operation, especially for cutting up heavy bales.

Application



Animal Feed



Sheep



Goats



Composting



Bio-energy



Programmable electronic scale



Transmission by gear reducer



Adjustable double shearbar



Load cells with reinforced supports



"Filipado" tire (model above 12m2)

Number of fed animals

Vertimix Family:	Piccola	Tensioned	Truck	Stationar
Milk	100 – 1.500	100 – 1.500	100 – 1.500	100 – 1.500
Meat	500 – 4.500	500 – 4.500	500 – 4.500	500 – 4.500

Characteristics

- Vertical screw system design that approaches the lower knives: exclusive Two-in system.
- Transmission by a high strength gear reducer.
- Shearbar of an easy manual adjustment.
- Bilateral discharge conveyor belt in Twin models.
- PVC or gravity discharge conveyor belt.
- Programmable electronic scale.
- Load cells with reinforced supports.
- Side of chamber coated in series stainless steel (parts subjected to greater abrasion).
- Exchange two-speed models from 12 m³.

Exclusive Two-in system:

Vertical screw system design that approaches the lower knives



Twin model of two screws version:



Optional accessories

- Magnetic plates for the discharge spout.
- Discharge conveyor belt in the model VM-35 Piccola.



WHY DO CASALE EQUIPMENT LAST LONGER?

- They are designed to be low maintenance;
- The quality and specifications (thickness, chemical composition, hardness) of the raw material and components are above average

Feed management:

- **Programmable electronic scale: it allows an accurately dosage of all dietary ingredients, ensuring full use of nutrients aiming higher production without waste.**
- **Management software (it must have a scale with a USB output): Formulation of recipes by the computer and monitoring of mixtures and distributions maden with obtained information through the Pen Drive with the scale. It enables the cost control of the cattle feed and the stocks of raw material (feedstock) from its confinement.**

Versatility!

Use in composting and biogas

Vertimix Mixer, in its stationary version, is essential in the process of chopping and mixing of agroindustrial byproducts, refrigerators, food industries or livestock for compost or biogas producing.

