

TECHNICAL SPECIFICATIONS

TRACTOR VERSION

	RX-85T	RX-85T TANDEM	RX-110T	RX-110T TANDEM	RX-150T	RX-175T	RX-200T
Total capacity (m³)	9,2	9,2	11,8	11,8	16	19	21,5
Actual mixing capacity (m³)	8,5	8,5	11	11	15	17,5	20
Maximum load (kg)	3825	3825	4950	4950	6750	7875	9000
Average load (kg)	3060	3060	3960	3960	5400	6300	7200
Rotor diameter (mm)	1360	1360	1510	1510	1725	1750	1910
Door width (mm)	815	815	815	815	1150	1070	1070
Width (mm)	2324	2280	2780	2632	2830	2970	2970
Height (mm)	2430	2740	2720	2880	2920	3040	3150
Length (mm)	6490	6520	6470	6470	6730	7740	7820
Tires	900/20 (2x)	10,5/80-18 (4x)	900/20 (4x)	10,5/80-18 (4x)	900/20 (4x)	10,00 X 20TT 16 (4x)	10,00 X 20TT 16 (4x)
Approx. weight (kg)	4570	5220	6730	6780	7620	8860	10100
Minimum required power on PTO (HP)	75	75	80	80	100	110	120
Roller chains (ASA)	80-100-120	80-100-120	80-100-120	80-100-120	100-120-140	120-140-160	120-140-140/2
Thickness of the bottom plate with stainless steel	8,30	8,30	8,30	8,30	9,80	9,80	9,80
Thickness of side plate (mm)	4,76	4,76	4,76	4,76	6,35	6,35	6,35
Thickness of upper screw (mm)	9,53	9,53	9,53	9,53	9,53	9,53	9,53
Thickness of lower screw (mm)	9,53	9,53	9,53	9,53	12,70	12,70	12,70

STATIONARY VERSION

	RX-110E	RX-150E	RX-175E	RX-200E	RX-250E	RX-270E
Total capacity (m³)	11,8	16	19	21,5	27	29
Actual mixing capacity (m³)	11	15	17,5	20	25	27
Maximum load (kg)	4950	6750	7875	9000	11250	12150
Average load (kg)	3960	5400	6300	7200	9000	9720
Rotor diameter (mm)	1510	1725	1750	1910	2120	2132
Door width (mm)	815	815	1150	1070	1370	1370
Width (mm)	2680	3060	3120	3190	3250	3460
Height (mm)	2440	2620	2750	2770	2900	3080
Length (mm)	4880	5535	6017	6145	7310	7310
Approx. weight (kg)	5224	5800	8080	8750	10570	11050
Minimum required power on PTO (HP)	30	40	50	75	100	125
Roller chains (ASA)	80-100-120	100-120-140	120-140-160	120-140-140/2	140-200	140-200
Thickness of the bottom plate with stainless steel	8,30	9,80	9,80	9,80	9,80	9,80
Thickness of side plate (mm)	4,76	6,35	6,35	6,35	6,35	6,35
Thickness of upper screw (mm)	9,53	9,53	9,53	9,53	9,53	9,53
Thickness of lower screw (mm)	9,53	12,70	12,70	12,70	12,70	12,70

TRUCK VERSION

	RX-110C	RX-150C	RX-175C	RX-200C	RX-250C	RX-270C
Total capacity (m³)	11,8	16	19	21,5	27	29
Actual mixing capacity (m³)	11	15	17,5	20	25	27
Maximum load (kg)	4950	6750	7875	9000	11250	12150
Average load (kg)	3960	5400	6300	7200	9000	9720
Rotor diameter (mm)	1510	1725	1750	1910	2120	2132
Door width (mm)	815	815	1150	1070	1370	1370
Width (mm)	2500	2800	2860	2970	2970	3180
Height (mm)	1960	2120	2340	2380	2380	2560
Length (mm)	5120	5700	6280	6400	7530	7530
Approx. weight (kg)	4970	6100	8200	8700	10300	11200
Roller chains (ASA)	80-100-120	100-120-140	120-140-160	120-140-140/2	80/2-120/2-140/2	80/2-120/2-140/3
Thickness of the bottom plate with stainless steel (mm)	9,80	9,80	9,80	9,80	9,80	9,80
Thickness of side plate (mm)	4,76	6,35	6,35	6,35	6,35	6,35
Thickness of upper screw (mm)	7,94	9,53	9,53	9,53	9,53	9,53
Thickness of lower screw (mm)	9,53	12,70	12,70	12,70	12,70	12,70
Maximum required truck power – hydraulic system (HP)	-	-	190	220	270	270
Minimum required truck power – hydraulic system (HP)	140	160	190	220	-	-

Truck Version



Tractor Version

Stainless Steel Box



Stationary Version



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All Casale equipment are produced in accordance with the determinations of NR-12.ABR./16

Casale

Rotormix
PROFI

The most commonly used mixer in Brazil for feedlots, with the exclusive rotor Rotoflex-ECO: the best mixture quality with the smallest operational cost.



STANDARD
STAINLESS
STEEL
COATED
BOTTOM

OPTIONAL
FULL
STAINLESS
STEEL
CONSTRUCTION



/CasaleBrasil

Rotormix PROFI

TMR Mixer

The Rotoflex-ECO, Casale's patented rotor, is a truly unique mixing system. It lifts feed up to the side augers that move the feed from end-to-end, ensuring thorough mixing. Patented tumbling design allows easier pulling action, reducing the effort on the PTO, driveline and transmission.

The Rotormix Profi produces a fast and homogeneous mixture of forages with short and medium fiber, being it silage, chopped green fodder, sugarcane bagasse or milled hay, as well as concentrates and countless residues. The Rotormix Profi is ideal for high-grain and high concentrate diets.

Rotormix Profi: innovative technology at the service of livestock producers.

Features

- The reliability of the brand CASALE
- Fast mix: between 2 and 3 minutes.
- Increases efficiency in the production of beef or milk
- Carbon emission reduction: it consumes less fuel or electricity to operate.
- Uses in average 10% less tractor power or truck fuel when compared with similar equipment.
- Its gentle tumbling action mixes fragile ingredients and by-products, such as hay leaves with stalks, chopped greed forage, corn flakes, without causing excessive damage. This conserves the diet's protein content.
- Provides a fluffy, palatable feed.
- Does not accumulate ingredients in dead corners.

Application



Feeding livestock with total feed (TMR)

Number of fed animals

Rotormix Family	Trailed	Truck	Stationary
Dairy	120 – 3 mil	900 – 5 mil	100 – 1.500
Beef	650 – 8 mil	3 mil – 15 mil	4 mil – 30 mil



Control system with joystick installed on the truck cabin, displaying the oil temperature and pressure of the hydrostatic system.



Transmission system with gears and double roller chains for models above 20m³.



Smart grease points.

Features

- Exclusive Rotoflex-ECO (patented).
- Transmission system has double gears and chains, located in the back for better weight distribution.
- Programmable electronic scale is a standard feature.
- Reinforced load cells.
- Single greasing point.
- Reinforced tubular chassis for greater resistance against torsion.
- Special stainless steel bottom coating, which protects the box against abrasion and corrosion.
- Also available in truck-mounted and stationary versions.

IT LASTS LONGER! WHY DO CASALE EQUIPMENT LAST LONGER?

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

Optional Accessories

	Trailed	Truck	Stationary
Scale with USB output	X	X	X
Management Software	X	X	X
Remote scale	X	X	X
Full stainless steel coating	X	X	X
Full stainless steel box	X	X	X
Upper auger knives set	X	X	X
Magnetic plate	X	X	X
Conveying belts	X	X	X

Rotoflex-ECO

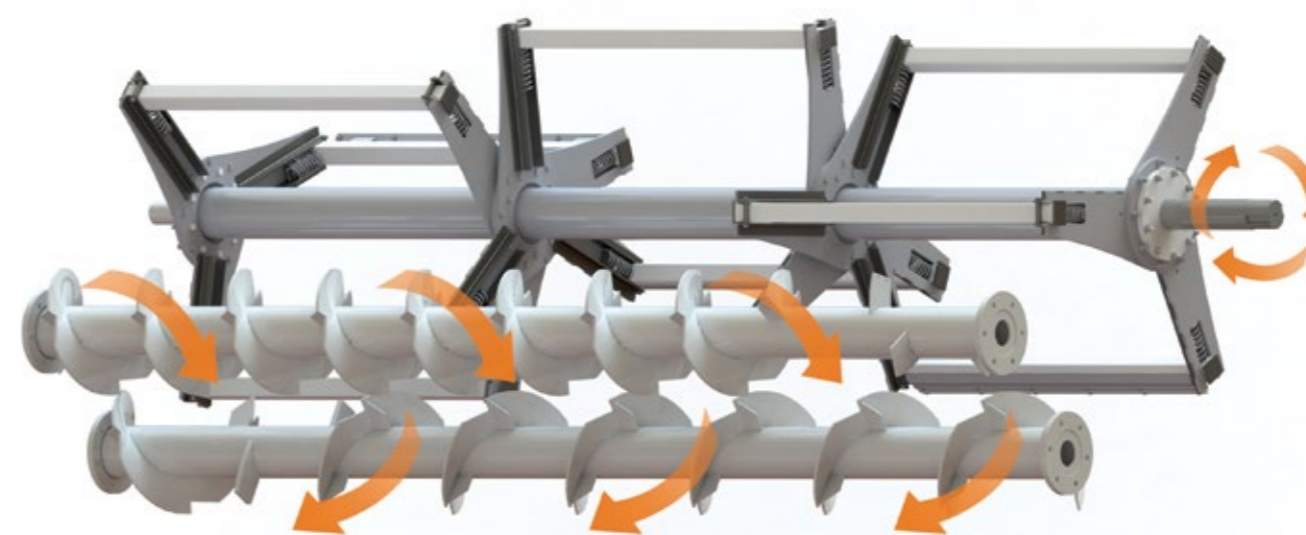
What is the Rotoflex-ECO?

It is the ultimate result of over 30 years' experience in manufacturing total feed mixers using the concept of combining heavy-duty built with low energy consumption. The Rotoflex-ECO spring tension bars, which follow a helicoidally pattern, relieve pressure and eliminate wedging of bulky materials. The design of the components creates less resistance to movement, which ensures lower energy consumption.

Rotoflex-ECO (patented) is an exclusive CASALE product.

ECO AS IN ECOLOGICAL
LOWER CARBON EMISSION

ECO AS IN ECONOMY
AVERAGE SAVINGS OF 10% FUEL OR ELECTRICITY



Mixing system with Rotoflex-ECO.



- Transmission system with industrial reinforced gears, bearing and roller chains.
- Compaction load cells of 18 tons.
- Standard hydrostatic trigger system for models RX 200C, RX 250C and RX 270C (truck).
- Mixing chamber.
- Regular wheelset and tandem-wheeled axle.

Feed Management

- **Programmable electronic scale:** allows accurate dosing of all dietary ingredients, ensuring full use of nutrients, improving productivity and eliminating waste.
- **Management Software (necessary Scale with USB output):** after formulating the recipes in your computer, you can send them to the scale via pen drive, and then monitor the operation. Enables cost control of cattle feed and inventory management of raw material.

Regular Wheelsets Available

MODEL	STANDART		OPTIONAL			
	Simple	Dual-Wheeled	High Fluctuation	Dual-Wheeled	Tandem	High Fluctuation Tandem
RX 85 T	900/20	-	400/60	900/20	10.5/80	-
RX 110 T	-	900X20	500/60-22.5/14	-	10.5/80	900X20
RX 150 T	-	900X20	500/60-22.5/14	-	-	-
RX 175 T	-	1000/20	-	-	-	-
RX 200 T	-	1000/20	-	-	-	-

