

SUPRAMIX

VERTICAL SELF-PROPELLED DUAL-AUGER MIXER

TATOMA
GRUPO



Power, efficiency and reliability

Designed for maximum productivity, the SUPRAMIX vertical self-propelled dual-auger mixer will adapt to any type of work no matter how demanding the conditions of the farm. With over 40 years of experience in manufacturing mixing systems, TATOMA can guarantee top performance from their mixers and specifically its self-propelled machines that combine efficiency and robustness to meet the needs of the most demanding farmer. The SUPRAMIX model is ideal for the requirements of a medium-sized operation and can prepare 200 to 250 mix rations (depending on the model) in only a few minutes.



/ *Excellent cab visibility*

Thanks to the excellent cab design, the farm operator will never lose sight of the cattle. Made of steel with rust proofing treatment, it is equipped with a safety windscreen and a pneumatic seat. All-around visibility is excellent thanks to the windscreen's negative sloping angle, partially glazed roof and windscreen. The front and rear working lights are part of the standard equipment, and can be optionally supplemented with cameras inside the tub, on the discharge doors and for reversing. The screen on the weighing system in the cab allows the operator to accurately control the mixing and discharge operations. The main functions of the machine are controlled safely via messages and warning lights on the side control panel.



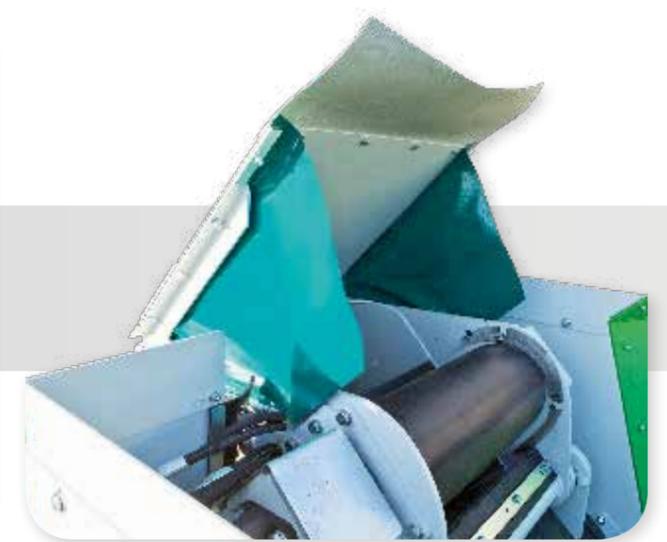
/ Fraise

Ingredients enter through a dual-motor silage cutter. The 2000 mm cutter drum (2200 mm optional) ensures excellent cutting capacity thanks to its numerous spiral-mounted blades. The tub can be fully loaded in minutes by means of a rubber conveyor belt. All Tatoma self-propelled mixers are fitted with a hydraulic, anti-rupture hose system with a pressure regulator on lowering the cutter.

The cutter rotation direction is reversible thanks to the two electric drive pedals that allow more precise control of the load, as loading can be stopped and the excess product returned on reaching the required amount.

/ Auger

The auger design has taken into account the different products, fibre types, humidity levels etc, in use. Tatoma has developed an auger capable of working with any type of mix to ensure maximum homogeneity. At the same time the combination of the pitch of the spirals and their diameter guarantees perfect product flow, fast and efficient cutting and therefore low fuel consumption.



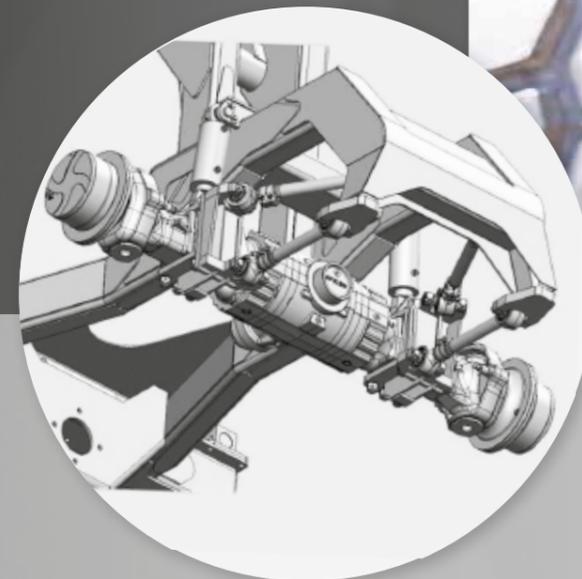
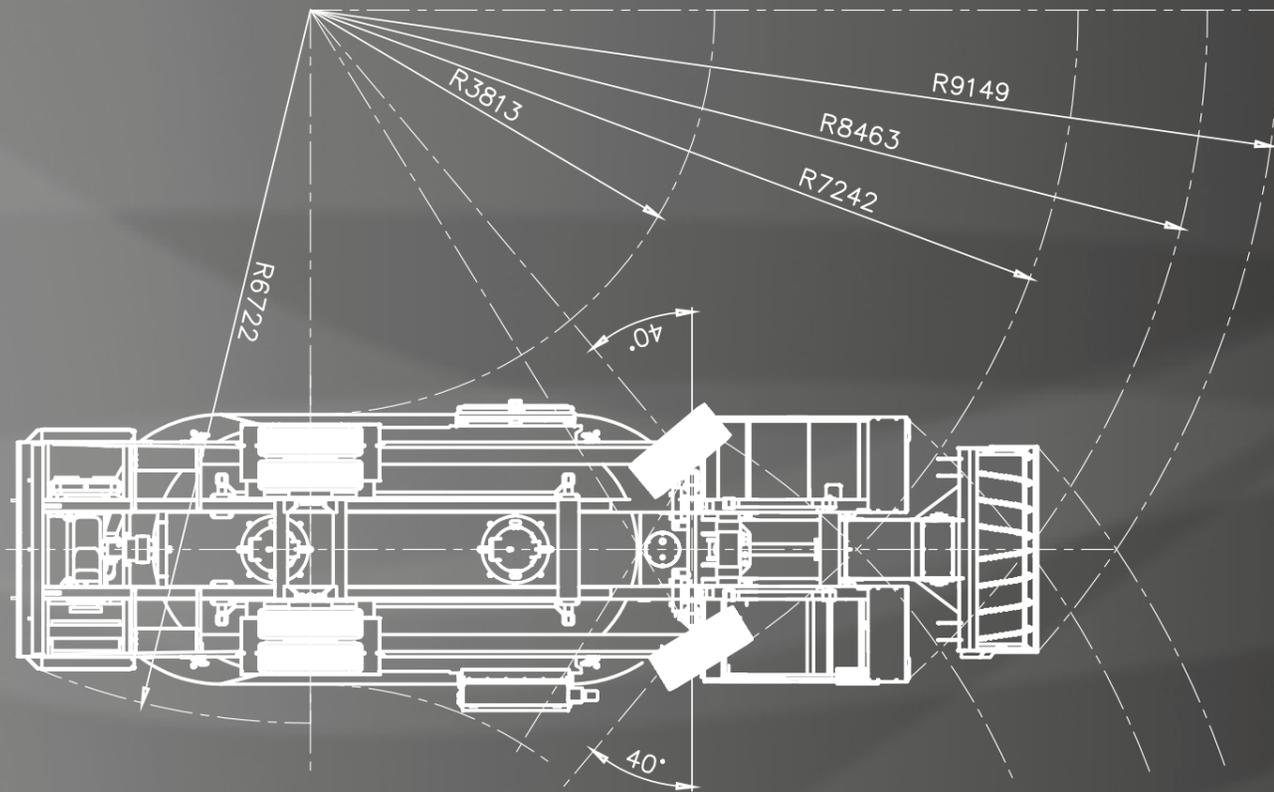


/ Engine

The turbo diesel engine is located at the rear of the machine. The transmission of the movement to the wheels is performed through a closed hydrostatic circuit, driving both axles by means of a variable displacement pump and two piston engines. The hydraulic system includes a flow sharing system between the hydraulic motors to overcome difficult traction conditions.



/ Turning angle

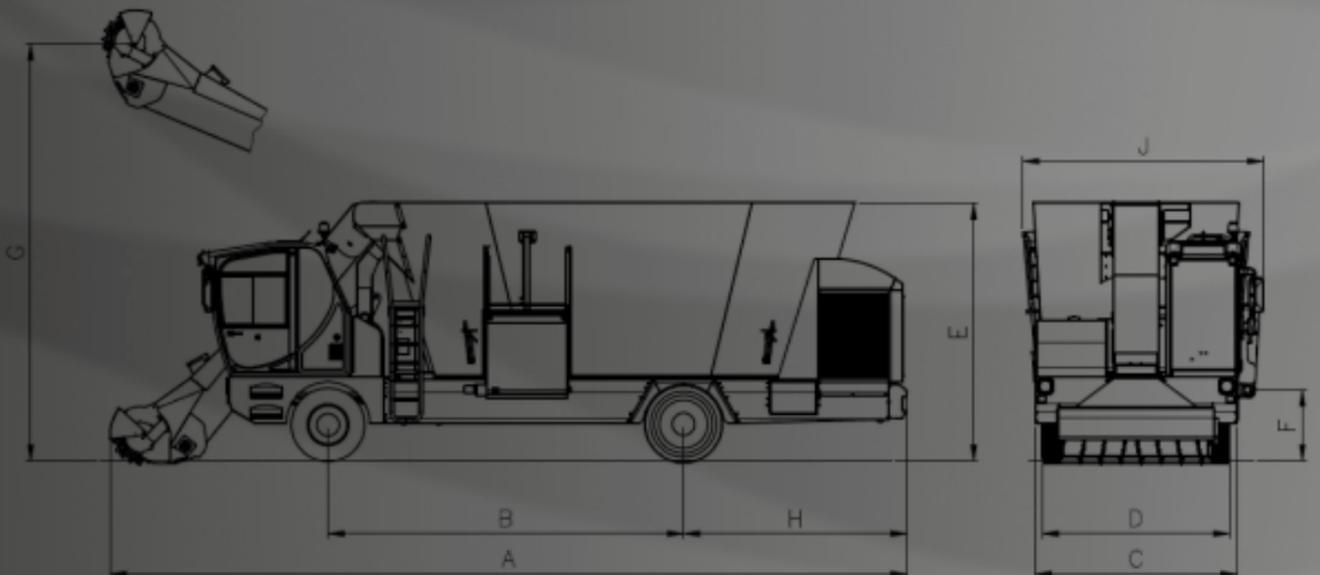


Front-axle levelling is performed by a hydraulic suspension. The rear-axle is connected by a chassis with leaf spring and rocker suspension. The first axle is for steering and driving, the second for driving and steering, allowing the machine exceptional manoeuvrability despite its size. The maximum turning angle is 40°.

/ SUPRAMIX technical specifications



DIMENSIONS (mm)		SUPRAMIX MVS 24H	SUPRAMIX MVS 27H
Overall length	A	9.900	8.850
Distance between axles	B	4.400	4.400
Overall width	C	2.550	2.550
Outside wheels width	D	2.330	2.330
Overall Height	E	3.200	3.400
Discharge height	F	900	900
Maximum cutting height	G	5.100	5.100
Overhanging rear	H	2.760	2.760
Overall width with two doors	J	2.800	2.800
Volume (m ³)		24	27
Empty weight (kg)		13.000	13.600



SUPRAMIX MVS-HV

TUB	24 or 27 m ³ , depending on model.
MIXER	Mixing system with dual heavy duty vertical augers and interchangeable resistant knives. Driven by a variable flow pump and piston engine. Adjustable mixing speed.
CUTTER	A 130 hp, adjustable speed motor. Width 2000 mm. Electrically driven lowering adjustment in the control panel, lowering cut-out by pressure switch depending on the working pressure of the cutter. Driven by a variable flow pump and orbital motors.
LOADING BELT	Rubber, adjustable speed.
UNLOADING BELT	By flat side door with discharge tray (see options).
WEIGHSCALE	Programmable, 99 recipes x 20 ingredients x 10 discharges, modern output.
ENGINE	See engines available.
FUEL TANK	160/250 litres (depending on model).
TRANSMISSION	Hydrostatic closed circuit. Variable flow pump and two rear wheel gears, powered by two piston motors.
AXLES	One steerable front. 305/75R19.5 Front wheels. Twin 275/70R22.5 rear wheels.
SUSPENSION	Front springs.
STEERING	Hydraulic servo. Maximum turning angle of 40°.
BRAKES	Service, parking and emergency on rear axle.
HYDRAULIC AND ELECTRICAL	Circuits designed to work in harsh environmental conditions. Compliant with European machines safety and electromagnetic incompatibility regulations. Located behind the cab.
CABIN	One-seater. Manufactured in steel with anti-corrosion chemical treatment. Optimal visibility of the environment (inward sloping windshield). Swing door. Safety glass.
CONTROL SYSTEM	Multifunction joystick, buttons and indicators (reducer oil temperature, hydraulic oil temperature, mixer pressure, cutter pressure, hydraulic oil level, breakdown lights...).
	ELECTRONIC CONTROL MANAGEMENT comprising:
	<ul style="list-style-type: none"> - Digital screen and programmable automat which handle the whole functions on the machine - Electronic Joystick able to control movements (back end forward), loading and discharge. - Adjustable movement speed (consumption control and noise reduction) - Discharge speed adjustment. - Silo cutter control by means of pedal depending on products features.
EQUIPMENT	Two spotlights front and two rear, air suspension seat, fire extinguisher, water heating, radio CD, tool box, step ladder with platform.
SPEED	Movement speed 0-25 km/h.



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