

# GIGAMIX

VERTICAL SELF-PROPELLED DUAL-AUGER MIXER

**TATOMA**  
GRUPO



*Power, efficiency and reliability*

Designed for maximum productivity, the Gigamix 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 Gigamix 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.



## / Cutting machine

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.

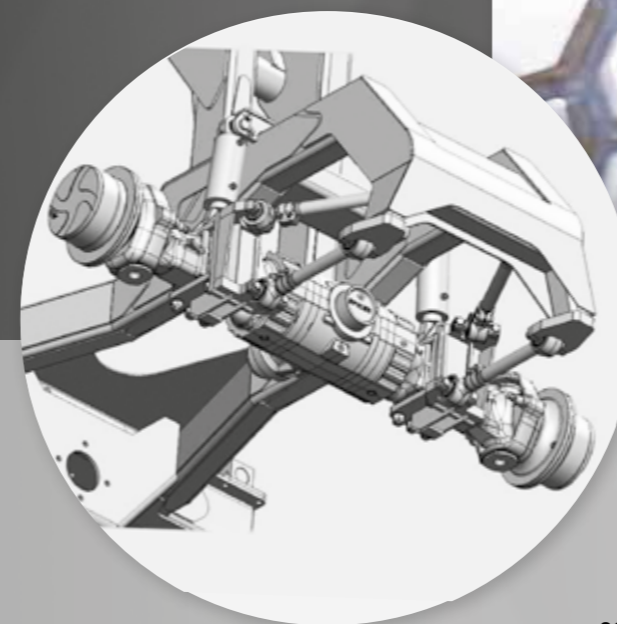
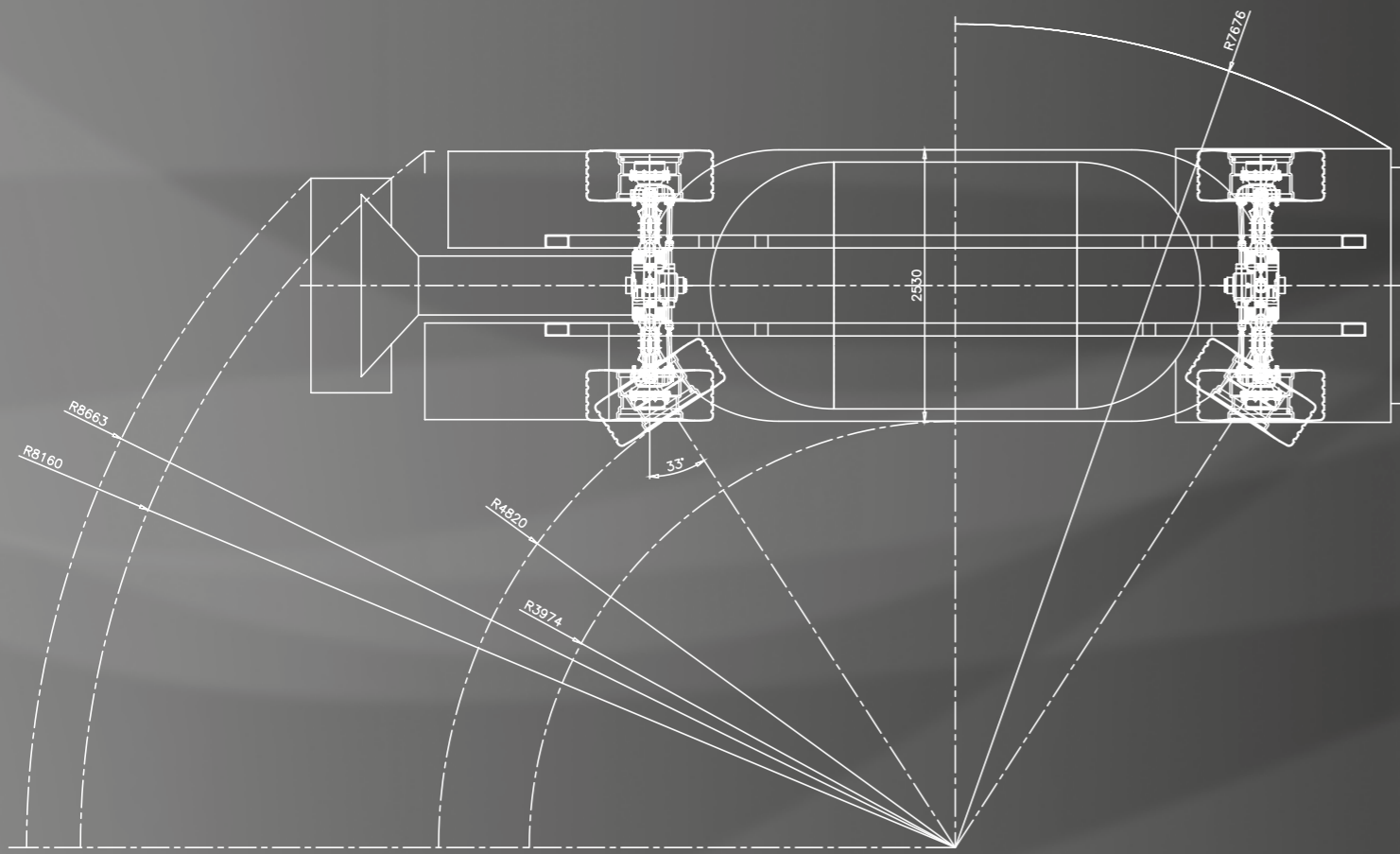


## / Engine

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



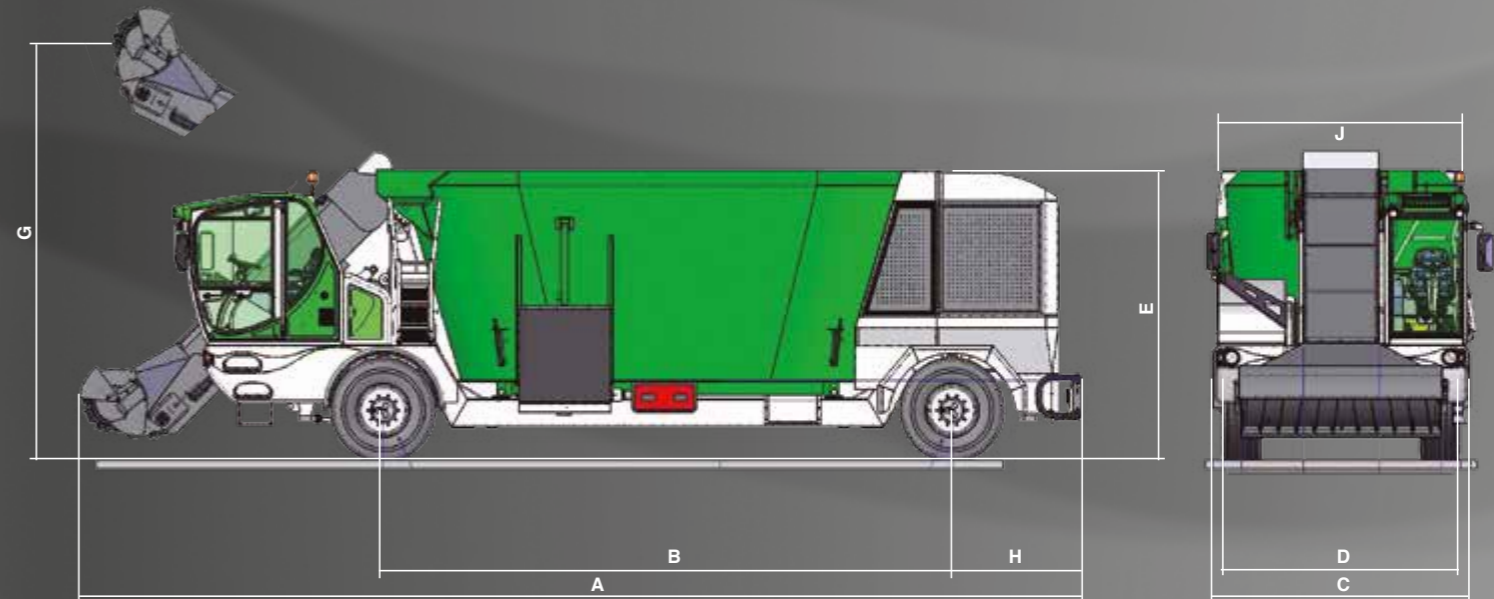
Front-axle levelling is performed by a hydraulic suspension. The rear-axle is connected by a chassis with leaf spring and rocker suspension. The first axle is for steering and driving, the second for driving and steering, allowing the machine exceptional manoeuvrability despite its size. The maximum turning angle is 40°. The service brake is located on the first and second axle and measurements of all wheels are 445/65 R22.5

# / GIGAMIX dimensions



DIMENSIONS (mm)	GIGAMIX MVS-18-HV	GIGAMIX MVS-20-HV	GIGAMIX MVS-22-HV	GIGAMIX MVS-26-HV
<b>A</b>	10080	10080	10080	11050
<b>B</b>	5300	5300	5300	6270
<b>C</b>	2620	2620	2620	2850
<b>D</b>	2550	2550	2550	2630
<b>E</b>	2900	3060	3230	3200
<b>F</b>	590	590	590	670
<b>G</b>	5100	5100	5100	5100
<b>H</b>	1240	1240	1240	1430
<b>J</b>	2370	2370	2370	2530
FRONT WHEELS	445/65R22,5	445/65R22,5	445/65R22,5	445/65R22,5
BACK WHEELS	445/65R22,5	445/65R22,5	445/65R22,5	445/65R22,5
ENGINE	IVECO 205 HP	IVECO 205 HP	IVECO 205 HP	IVECO 286 HP
EMPTY WEIGHT (Kg.)	13.500	14.500	15.300	19.000

GIGAMIX MVS-HV	
<b>TUB</b>	18, 20, 22 or 26 m³, depending on model.
<b>MIXER</b>	Mixing system with dual heavy duty vertical augers and interchangeable resistant knives. Driven by two pumps and two variable displacement radial piston engines. Adjustable mixing speed and fast speed for weigh scale control discharge to ensure the tub is properly emptied.
<b>CUTTER</b>	Two 130 hp, adjustable speed motors. Width 2200 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.
<b>LOADING BELT</b>	Rubber. Adjustable Speed.
<b>UNLOADING BELTS</b>	By flat side door with discharge tray.
<b>WEIGHSCALE</b>	Programmable, 99 recipes x 20 ingredients x 10 discharges, modem output.
<b>ENGINE</b>	SEE FEATURES TABLE
<b>FUEL TANK</b>	160/250 litres.
<b>TRANSMISSION</b>	Hydrostatic closed circuit. Variable flow pump and two piston engines, including flow divider to ensure traction on the first and second axle when driving through difficult terrain.
<b>AXLES</b>	Two, steering and driving. Four wheels 445/65R22.5.
<b>SUSPENSION</b>	Front and rear hydraulics. Road and off-road modes. Automatic Levelling.
<b>STEERING</b>	Hydraulic servo. Maximum turning angle of 40°. Three modes, road, full turn and crab.
<b>BRAKES</b>	Service on both axles. Service and emergency on rear axle.
<b>HYDRAULIC AND ELECTRICAL</b>	Circuits designed to work in harsh environmental conditions. Compliant with European machines safety and electromagnetic incompatibility regulations. Located behind the cab.
<b>CABIN</b>	One-seater. Manufactured in steel with anti-corrosion chemical treatment. Optimal visibility of the environment (inward sloping windshield). Swing door. Safety glass.
<b>CONTROL SYSTEM</b>	PLC electronics. Multifunction joystick to control the forward movement, loading and unloading. Digital display for viewing all machine parameters (hydraulic oil temperature, mixer pressure, cutter pressure, hydraulic oil level, breakdown lights ...) CONTROL SYSTEM BY ELECTRONIC MANAGEMENT INCLUDES: - Digital and autonomous screen for the control of all functions of the machine - Electronic system for the control of the displacement, load and unload - Electronic tuning for the mix velocity. Variable acceleration system for displacement (improves consume and noise reduction) - Velocity regulation of the unload conveyor - Trigger the silage cutter with electronic pedal that allows the velocity regulation in function of the products to upload
<b>EQUIPMENT</b>	Two spotlights front and two rear, air suspension seat, fire extinguisher, water heating, radio CD, tool box, step ladder with platform.
<b>SPEED</b>	Movement speed 0-30 km/h (*)



\* Data and descriptions are for information purpose only. TATOMA reserves the right to modify the design or specifications with no prior notice.

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