

TRIOTRAC



NEW EDITION

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Self-propelled mixer
feeder
Models 1700-2000-2400

Trioliet. Invents for you.

 **TRIO LIET**
FEEDING TECHNOLOGY



Accurate feeding

The Triotrak self-propelled mixer feeder from Trioliet has been a huge help for dairy farmers and contractors for many years now. However, the "New Edition" features improvements that meet farmers needs even better. The machine comes with a new and more comfortable cabin, a telescopic cutting-loading system with discharge height of up to 6 metres, and an ECOdrive and I-Control system for even greater fuel efficiency. And that's not all!





Loss-free loading

Feed prices are constantly rising, which is why it's becoming increasingly important to maintain the quality of your roughage and to keep losses as low as possible. You invest a lot of time and energy into ensiling your roughage, so it's obviously essential that the quality of your feed is properly maintained. This is perfectly achievable nowadays, and the method used to extract the silage plays a big role here. The Triotrak's cutting-loading system leaves an optimal vertical cutting surface on the silage. This prevents the silage from heating up, avoids rainwater seeping into the stack, and prevents crumbling. All possible types of feed can be loaded very quickly and accurately in this way – including large round or square bales.

Perfect mixing

The mixing and dosing system is made up of the well-known Trioliet double vertical auger system. The specially designed mixing chamber also pushes the feed in a horizontal direction, and this dual-flow principle results in perfect mixing. The dosage and the distribution range are fully adjustable to a high degree of precision, giving you full control. The electronic weighing system can also be delivered with the TFM Tracker feed management programme, which allows straightforward listing and monitoring of the feed served.

TRIOTRAC BENEFITS

Comfortable and spacious cabin features a hydraulic vertical adjustment system and guarantees you the best possible view.

The telescopic cutting-loading system leaves an optimal vertical cutting surface on the silage. This preserves the feed structure. Maximum discharge height of 6 metres.

1,85m width cutting frame and belt conveyor with a large capacity, even with dry, bulky or heavy, wet silage.

Easy joystick operation with programmable load- and discharge modes. I-Control takes care of the hydraulic systems automatically and load dependent.



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Wide range of discharge options.

Reduced ground pressure and higher loading capacity thanks to additional third axis (optional).

Excellent road holding due to suspension all around and optimum weight distribution.

All-wheel steering and drive with large 22.5" tyres.

Hydrostatic drive with powershift transmission for ECOdrive during transport and superior traction during farm yard mode.



Intelligent technology

The 129 kW Common-Rail diesel motor and the ECOdrive system ensure fuel efficiency. I-Control takes care of the hydraulic systems automatically and load dependent. So the energy is always applied efficiently and maximum power is available there where you need it most. The engine is also mounted on a special rail, which makes maintenance easier. The comfortable and spacious cabin features a hydraulic vertical adjustment system and guarantees you the best possible view.

The Triotrac New Edition is particularly suitable for larger cattle farms that need to feed their livestock extremely accurately and efficiently. Along with our smaller Smartrac range, we offer self-propelled solutions with a capacity of 10 to 24 m³.





Standard features

- Optimally formed mixing chamber with two hydraulically driven vertical Twin Stream augers with variable speed
- 1,85m width cutting frame (U-shape) with a transport roller
- Telescopic loading system with automatic cutting curve correction for smooth silos without undercutting
- 1,85m width belt conveyor with variable speed regulation
- Hydrostatic drive with powershift transmission for ECOdrive during transport and superior traction during farm yard mode
- Hydraulic suspension on front axle and parabola sprung suspension on rear axle
- Optional a third axle for reduced load on the ground and pavement preservation
- Four wheel drive and four wheel steering with limited slip differential in front- and rear axle
- JCB Power Systems 4-cylinder Common-Rail diesel engine with 129kW (175HP)
- Clean fix automatic engine cooler with temperature-dependent controller and radiator cleaning system
- I-Control takes care of the hydraulic systems automatically and load dependent
- A cross belt conveyor for discharging in front of the mixing chamber for VL models and behind the mixing chamber for AL models
- A programmable weighing system (TrioTronic 7600T)
- In height adjustable cabin
- Comfortable cabin with folding sidewindow, climate control (heating), radio and screen wipers all around
- Joystick operation, programmable load- and dischargemodes (to preset machinefunctions for different ingredients, rations and different stables)
- Lighting set for road transport
- Work lights LED all around
- Screen wiper on front and rear screen
- Reverse camera
- Electrically adjustable and heated mirrors
- Reverse alarm signal
- Cruise Control
- Trioform auger knives

Models Triotrac	1700	2000	2400
Capacity m ³	17	20	24
Overall length m	9.70	10.20	10.25
Overall width m	2.44	2.44	2.44
Overall height m	2.95	2.95	3.30
Track width outside wheels m	2.38	2.38	2.38
Wheel base m	5.25	5.25	5.25
Cutting height (max.) m	6.00	6.00	6.00
Cutting width m	1.85	1.85	1.85
Cutting depth m	0.40	0.40	0.40
Discharge height m	1.09	1.09	1.09
Turning circle standard m	14.00	14.00	14.00
Turning circle with third wheel axle m	14.40	14.40	14.40
Tires	435/50 R 22.5 (4 x)		
Diesel engine kW (HP)	129 (175)		
Diesel tank capacity Ltr.	275		
Speed in farm yard mode km/h	0-20		
Max. slope in low gear %	30		
Speed in transport mode km/h	0-40		

Options

6-cylinder FPT Common Rail turbodiesel engine with 202 kW (255HP) tier 4B, Hydraulic counter knives (2x), Stairs on back side of the machine, 22mm Auger flights and 25mm auger wings (two augers), Engine heating 230V, hydraulic oil heating 230V, extra (steering) wheel axle, load dependent switchable, flashing light on cabin or on machine, separate camera system, Stand heater for cabin (independent from diesel engine), Chain conveyor VLH-K or curved chain conveyor VLH-C, side shift on belt or chain conveyor, Premix discharge door, two extra ZK side discharge doors on left and right side.