Trioliet. Invents for you.

TRIOTRAC

Self-propelled mixer feeder
Models 1700-2000-2400
North America
Accurate feeding

The Triotrac self-propelled mixer feeder from Trioliet has been a huge help for dairy farmers and contractors for many years. However, the “New Edition” features improvements that meet farmers needs even better. The machine has a telescopic cutting-loading system with a discharge height of up to 20', a comfortable cab and an ECOdrive and I-Control system for even greater energy management.
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 Triotrac’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, prevents crumbling and preserves the feed structure. 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. This dual-flow principle results in perfect mixing even when the feed was not loaded exactly in the middle of the mixing tub. The discharge system by conveyor belt [optional with side doors] is 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

The telescopic cutting-loading system leaves an optimal vertical cutting surface on the silage. This preserves the feed structure. Maximum discharge height of 20 ft.

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

73" 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.

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

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

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

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.

Wide range of discharge options.

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

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Intelligent technology

The tier 4B 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 where you need it most. The engine is mounted on a rail, for easy maintenance. The comfortable and spacious cab 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 430-860 cu.ft.
Standard features

- Optimally formed mixing chamber with two hydraulically driven vertical Twin Stream augers with variable speed
- 73" width cutting frame (U-shape) with a transport roller
- Telescopic loading system with automatic cutting curve correction for smooth silos without undercutting
- 73" 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
- Four wheel drive and four wheel steering with limited slip differential in front- and rear axle
- FPT Common Rail turbo diesel engine with 202 kW (tier 4B)
- 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
- A programmable weighing system (Triotronic 7600T)
- In height adjustable cab
- Comfortable cab with folding sidewindow, climate control, heated frost shield, 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

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<th></th>
<th>1700</th>
<th>2000</th>
<th>2400</th>
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<tr>
<td>Capacity cu.ft.</td>
<td>610</td>
<td>715</td>
<td>860</td>
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<td>Overall length</td>
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<td>402”</td>
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<tr>
<td>Overall width</td>
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<td>Cutting height (max.)</td>
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<td>Cutting width</td>
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<td>Discharge height</td>
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<td>Turning circle standard</td>
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<td>Turning circle with third wheel axle</td>
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<tr>
<td>Tires</td>
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<tr>
<td>Diesel engine</td>
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<tr>
<td>Diesel tank capacity Gallons</td>
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<td>Speed in farm yard mode miles/hr</td>
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<td>Max. slope in low gear %</td>
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<td>Speed in transport mode miles/hr</td>
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### Options

A third (steering) axle for reduced load on the ground and pavement preservation, two extra ZK side discharge doors on left and right side, Chain conveyor VLH-K or curved chain conveyor VLH-C, Side shift on belt or chain conveyor, Premix discharge door, TFM Tracker, Hydraulic counter knives (2x), Stairs on back side of the machine, 7/8” Auger flights and 1” auger wings (two augers), Engine heating, hydraulic oil heating, Flashing light on cab or on machine, Separate camera system.