

- ▲ Preservation of feed structure
- ▲ Low horsepower requirement
- ▲ Smooth and clean silo face
- ▲ Excellent loading capacity
- ▲ Optimal and consistent mix quality
- ▲ Quick and even distribution



Triotrac 1700-2000-2400

feeding

mixing

loading

cutting

With this machine, Trioliet offers you another quality solution to livestock feeding. This machine is designed for farms where a mix for groups of 60 to 600 cows is desired. The Trioliet self-propelled and self-loading mixer feeder wagon is available with capacities of 17, 20 and 24 m³.

Loading system...

The loading system contains a cutting-frame with integrated transport-roller which transports the loose feed onto the belt conveyor. The belt conveyor then transports the feed quickly into the mixing chamber. Once you reach the preprogrammed weight for that ingredient, the cutting stops immediately and the face of silage remains smooth and clean. The Trioliet self-propelled mixer feeder wagon is able to load any feed product, including grains and even square and round bales, in a very fast and accurate way. The machine is equipped with two vertical mixing augers with integrated Trioliet horizontal flow system. A cross conveyor belt in front of the mixing chamber distributes the feed evenly to the left or to the right.

The hydrostat drive has low and high speed settings which are also variable within each setting.

The low speed setting provides a maximum speed of 12 km/h. The high speed setting provides a maximum speed of 40 km/h. The machine is available as either a 2 wheel drive (rear) or a 4 wheel drive. The electronic weighing system is also available with feed management system "Diet Manager". The machine is powered by a 6 cylinder John Deere diesel engine.

Under normal working conditions (1800 RPM), fuel consumption is 210 g./kWh.



Triotrac 1700-2000-2400

feeding

mixing

loading

cutting

Compared to competitive self-propelled and self-loading mixer feeder wagons the Key advantages of the Trioliet self-propelled mixer feeder wagon are:

- * **Preservation of feed structure effective NDF.**
- * **Low horsepower requirement.**
- * **Trioliet smooth operating cutting-loading system.**
- * **Preservation of the silage face and less spillage.**
- * **Excellent loading capacity makes for fast loading.**
- * **High accuracy in loading.**
- * **Trioliet quality feed mix.**
- * **Consistent smooth feeding.**



Trioform auger knives.

Benefits of the Trioform auger knives:

- ⚡ Stronger because of the shaped body, less breakage
- ⚡ No stress (at tightening to the auger flighting), because of the 2 contact surfaces
- ⚡ Better cutting performance, because of the horizontal position
- ⚡ Self sharpening, because the bevelled edge is at bottom side
- ⚡ Better downward flow of feed, because of the horizontal position
- ⚡ Less power requirement (fuel saving), because of an improved shape (no support plate)
- ⚡ Longer life time, because of strength and shape

Horizontal Flow system:

The Triotrac is equipped with special triangular inserts between the mixing augers for interaction between the front and rear mixing chamber



sections, resulting in the feed not only being mixed in the usual vertical direction, but also in lengthwise direction of

the wagon. That guarantees a quick and homoge-



Trioliet: Invents for you.

Triotrac 1700-2000-2400

Technical Data

Model Triotrac	1700	2000	2400
Capacity m ³ ./ Cu. Ft.	17/610	20/715	24/860
Overall length m./Inch.	9.36/369"	9.82/387"	9.92/391"
Width m./Inch.	2.45/96"	2.45/96"	2.45/96"
Overall height m./Inch.	2.85/112"	2.85/112"	3.20/126"
Width outside wheels m./Inch.	2.35/92"	2.35/92"	2.35/92"
Distance between axles (front-rear) m./Inch.	4.26/168"	4.51/178"	4.51/178"
Max. cutting height m./Inch.	5.10/201"	5.10/201"	5.10/201"
Cutting width m./Inch.	1.85/73"	1.85/73"	1.85/73"
Cutting depth m./Inch.	0.30/12"	0.30/12"	0.30/12"
Discharge height m./Inch.	0.90/36"	0.90/36"	0.90/36"
Outside turning radius single forced axle	9.60/378"	10.00/394"	10.00/394"
Outside turning 4-W forced axle	6.00/236"	6.40/252"	6.50/256"
Engine capacity (6-cil.) (on 1800 Rpm) Kw.	129	129	129
Max. speed in low gear km/h	0-12	0-12	0-12
Max. slope in low speed %	30	30	30
Max. speed in high gear km/h	0-40	0-40	0-40
Max. slope in high speed %	9	9	9
Tyre size		435/50 19.5 (4x)	
Dieseltank capacity		185 ltr.	

Standard features

2 vertical augers, hydrostatic driven, Trioform auger knives, U-form cutting frame with integrated transport-roller, Wide belt conveyor, Hydrostatic drive with steered front axle, Parabola sprung hydrostatic driven rear axle, Cross conveyor belt in front of the mixing chamber, Hydraulic in height adjustable cab 6-Cylinder Turbodiesel engine (129 kW), Electronic weighing system (3600 V), Lighting set, Clean Fix, Cruise Control,

Accessories:

4 wheel drive, 4 wheel steering, Climat control, Hydraulic operation of restrictor blades, 205 HP (150 kW) engine, Discharge doors at the rear, Pivoting discharge chute, Reversing camera.



Trioliet reserves the right to make changes in design and specifications, or to add new features without obligation on implements before or after such changes are made.



TRIOLIET MULLOS B.V.

Hinmanweg 19
NL-7575 BE Oldenzaal
The Netherlands

Tel. +31 541 57 21 21

Fax +31 541 57 21 25

E-mail info@trioliet.com

www.trioliet.com



Trioliet: Invents for you.