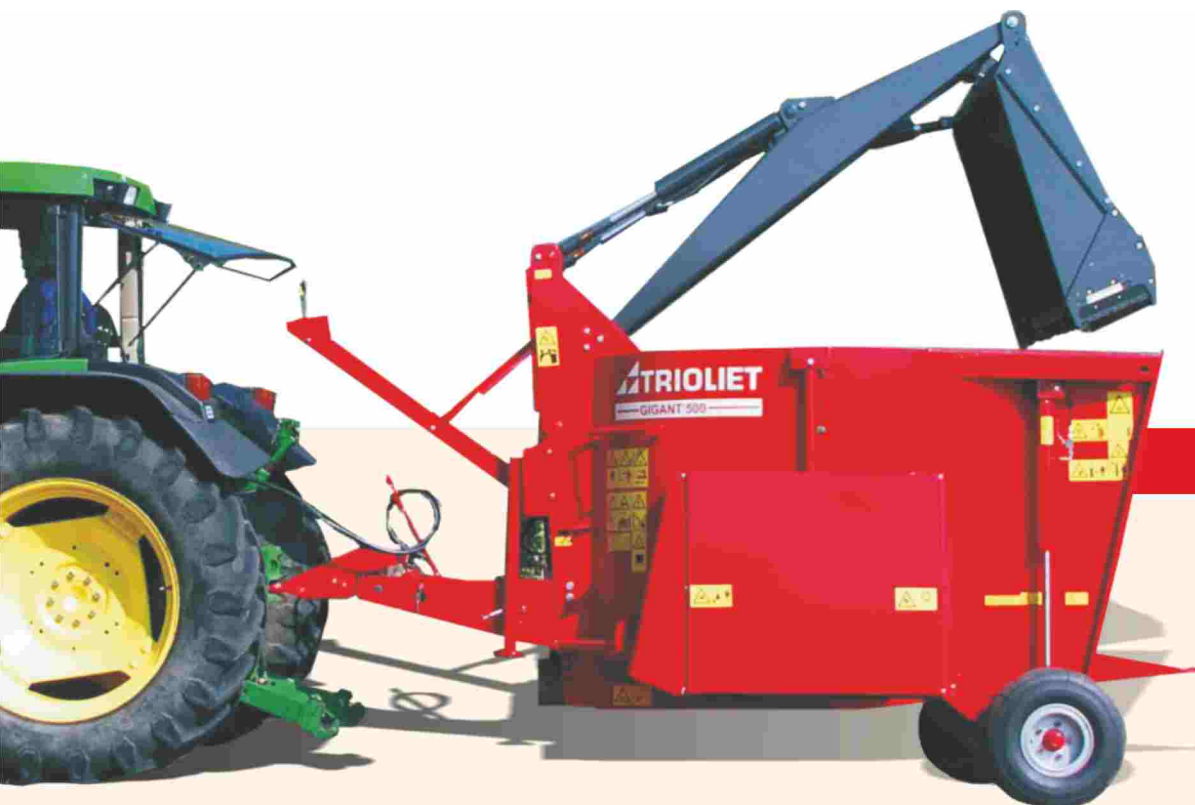


- Especially suited for narrow feed passages
- Accurate loading of every type of feed
- Good visibility while loading and feeding
- Low-maintenance and simple technology

Gigant 500-900



Trioliet: Invents for you.

Gigantic advantages with the Gigant...

Of course you want the best for your livestock. But you also need to keep an eye on the costs. If you are looking for quality but want to keep costs under control, Trioliet has a solution for you in the form of the Gigant 500, 700 or 900. The low maintenance Gigant makes it possible to save on concentrates, has enormous loading capacity and preserves the structure and nutritional value of your feed. The Gigant also allows you the possibility of loading, mixing and distributing every type of feed in the right quantity.

To sum it up, the Gigant keeps both you and your livestock happy!

TMR (Total Mixed Ration) feeding...

In modern farming increasing use is made of TMR feeding. This method offers important advantages. Optimum use can be made of the farm's own roughage as well as of cheap by-products such as brewers grains and pressed pulp. This gives considerable savings in concentrates. With TMR cows eat more often and consume larger amounts with less feed is wasted. Feeding with a Gigant all cows in the same production group receive the same consistent TMR. Because there is no choice, the cows don't attempt to push in. With overcrowding often a problem at the feed trough, an even TMR cuts out competition to get to the feed and so creates more calm in the barn. Mixed feeding also reduces labour costs. In one operation the complete ration for a whole day can be loaded, mixed and distributed while the feed structure is preserved.

Feed structure and nutritional value are preserved...

The unique loading system cuts the silage without affecting the structure. During mixing with the vertical auger, the feed is carried up with little resistance and its own weight causes it to fall back down.

This allows the feed structure to remain intact. This mixing system impose no heavy mechanical stress on the feed, preserving feed structure and nutritional value.



The cutting system leaves a straight, smooth silage face which helps prevent secondary fermentation.



Gigant 500-900



Gigant model K.

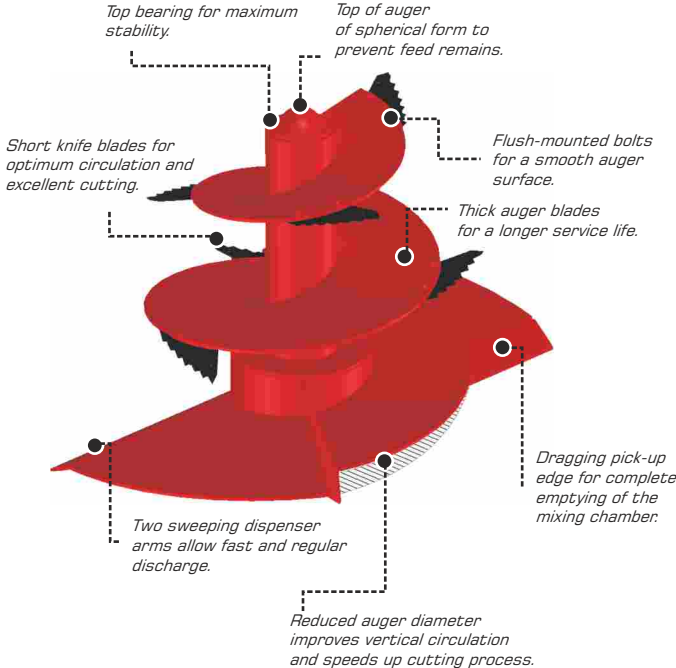
The "Twin Stream" mixing auger...

The Gigant features the Twin Stream mixing auger. This narrow diameter-mixing auger has a variety of clear advantages.

- * Feed mixing is improved as a result of the higher feed circulation speed in the mixing chamber.
- * Fast loading rate in the mixer feeder.
- * Improved and quick cutting performance of the auger blades because the feed drops directly to the bottom of the auger. This means blades get to work faster on bales.
- * Quick handling of round and big square bales dramatically reduce diesel costs and labour time.
- * Quick and even feed discharge by symmetric sweeper dispensing arms.

"Twin Stream" mixing auger

Optimum mixing, cutting and distribution.



Feed that is perfectly mixed and homogeneous in its consistency. TMR structure remains at its very best.



Hydraulic weighing device as an option.

Discharge doors with slides ensures a perfect discharge of feed to the left or to the right, quickly and without spilling.



Gigant 500-900

feeding

Every type of ration in the right quantity...

With the unique combination of a vertical auger mixer wagon with cutting frame or grab system every imaginable type of feed can be loaded, mixed and distributed evenly in the exact desired quantities. Without loss and spoiling of the structure. Even big round or square bales can be loaded in whole or cut down as required with the robust cutting frame. Available as an accessory is an electronic or hydraulic weighing system which makes the process even easier.

Enormous loading capacity...

With just one smooth and powerful movement the robust U-shaped cutting frame with extra long side knives can cut a thick slice of silage. The loading system of the 9 m³/320 Cu Ft machine, for instance, can reach a height of 4.30 m./170". With one movement 2.6 m³/92 Cu Ft of feed can be loaded in only a few minutes without crumbling or loss caused by wind. The cutting system operates with individually driven hardened stainless steel cutting knives, it is forced through the silage.

This ensures that it is possible to cut through to the bottom of the heaviest types of silage. It leaves a straight, smooth silage face which helps prevent secondary fermentation.

Low maintenance and simple technology...

The auger construction of the Gigant is designed to fit in closely with the robust frame of the wagon. The auger turns on heavy bearings located at the very top and bottom of the auger. This means that the planetary gearbox and the bottom of the mixing chamber are protected from any pressure between the auger and the wall when for instance round bales are being processed. The entire enclosed auger drive-unit including the bearings is practically maintenance free. The feeding system, in fact, needs no further explanation, it radiates simplicity. The cutting system is the result of long practical experience and the application of new techniques. This means it is utterly reliable and requires little or no maintenance.

Visibility while feeding is excellent...

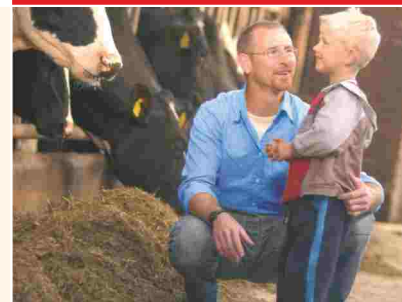
The distribution takes place speedily and is very easily monitored. In single access barns practically every feeding place can be reached. The positioning of the discharge door can be set very accurately from the tractor. A controlled slide which is automatically moved outwards as the discharge doors are operated ensures that the feed is delivered beyond the wheel tracks of the mixer-feeder wagon.

mixing

loading

cutting

Well mixed and distributed whilst preserving their structure.



Trioliet: Invents for you.

Optional accessories...

- * Electronic three-point weighing system.
- * Programmable weighing computer with optional connection to PC or printer.
- * Hydraulic weighing device.
- * Electric operation.
- * Remote control by bowdencable operation.
- * Lighting set.
- * Hydraulic brakes.
- * Pneumatic brake-system.
- * Hydraulic jack.
- * TC auger knives



Electric operation as an option.



Programmable weighing computer for PC or printer as an option

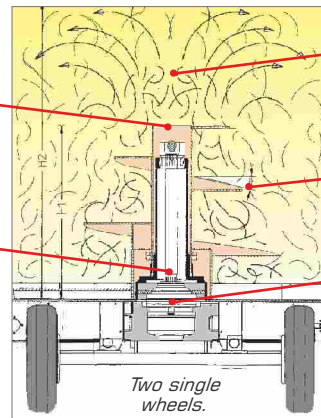


Remote control by bowdencable operation.



EZ 3500 with datakey, docking station and software as an option.

Correct height of the mixing auger in proportion to the height of the mixing chamber.



Heavy-duty auger column is built into the frame.

A rapid and homogeneous TMR mixing process.

Optimum angle of inclination of the flights for an acceptable power requirement.

Trioliet gear box.

Two single wheels.

Gigant 500-900

Technical Data

Model	Gigant 500 M/K	Gigant 700 M	Gigant 900 M
Discharge		2 side doors	
Capacity m ³ /Cu. Ft.	5/180	7/250	9/318
Length m./Inch.	4.00/157"	4.70/185"	4.90/193"
Width m./Inch.	2.15/85"	2.25/89"	2.45/96"
Height m./Inch.	2.20/87"	2.30/91"	2.45/96"
Trackwidth m./Inch.	1.93/76"	2.08/82"	2.14/84"
Max. cutting height* m./Inch.	3.50/138"	3.90/154"	4.30/169"
Height in fully lifted pos. m./Inch.	2.35/93"	2.55/100"	2.70/106"
Width of cutting/grab unit m./Inch.	1.23/48"	1.23/48"	1.23/48"
Discharge height m./Inch.	0.55/22"	0.65/25"	0.65/25"
Max. loading depth m./Inch.	0.45/18"	0.50/20"	0.50/20"
Net Weight kg./Lbs	2.500/5.511	3.500/7.716	3.750/8.270
Minimum Horsepower kW/HP	35/45	45/55	50/68
Number of knives per auger	3	4	4
Tire size (2 x)	24 x 7.7 - 10 Ply	H 29 x 9.00 - 15 12 Ply	
Required hydraulic capacity	25 ltr./min, 170 bar/5.29 gallons/min. 2465 psi		
Tractor hydraulic requirements	1 single acting valve		

* In fully lifted position

Standard equipment...

The Gigant 500-900 are standard equipped with 1 auger, 1 restrictor-blade, constant velocity PTO-shaft, loading arm with u-form hydraulic cutting system (model M) or grab system (model 500 K), fix drawbar for topconnection, 2 wheels, 2 side doors, operation by handels on controlpanel



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.nl

www.trioliet.com



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