

Mixer feeder with two vertical augers

Trioliet vertical mixer feeders...

All Trioliet mixer feeders have a very stable auger construction, supported on the chassis. As a result all forces on the mixing auger are directly absorbed by the chassis. This construction reduces the load on the mixing chamber and the drive. The compact and sealed planetary drive ensures a constant, controlled rotary movement of the cutting mixing auger. The auger bearings include a maintenance-free conical roller bearing at the top and a sinter sleeve bearing at the bottom. The optimum auger shape of the Twin Stream auger guarantees a quick and homogeneous mixing action at a low power requirement (low diesel consumption).

Horizontal Flow system...

The Trioliet mixer feeders with two and with three vertical mixing augers are 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 homogeneous mixing and a regular and complete discharge.

Great durability and little maintenance...

The mixing augers are mounted on heavy-duty bearing columns which in turn are built into the frame. This leaves the base of the mixing chamber and the auger drive protected from strong load pressure on the mixing auger during the processing of big bales. The entire enclosed auger drive-unit is practically maintenance free.



The new Solomix 2 series...

What are the improvements of the new Solomix 2 mixer feeder? New styling gives the Solomix 2 a very professional look. A larger and better-protected ladder platform improves safety, while a 3-part support speeds up hitching and unhitching. The hydraulic opening doors have been moulded to the mixing chamber shape (conically round) so there are no dead corners in the mixing chamber and the doors seal tightly at the top. Symmetric sweeper dispensing arms make feed dispensing quicker and more even.

The new "Twin Stream" mixing auger...

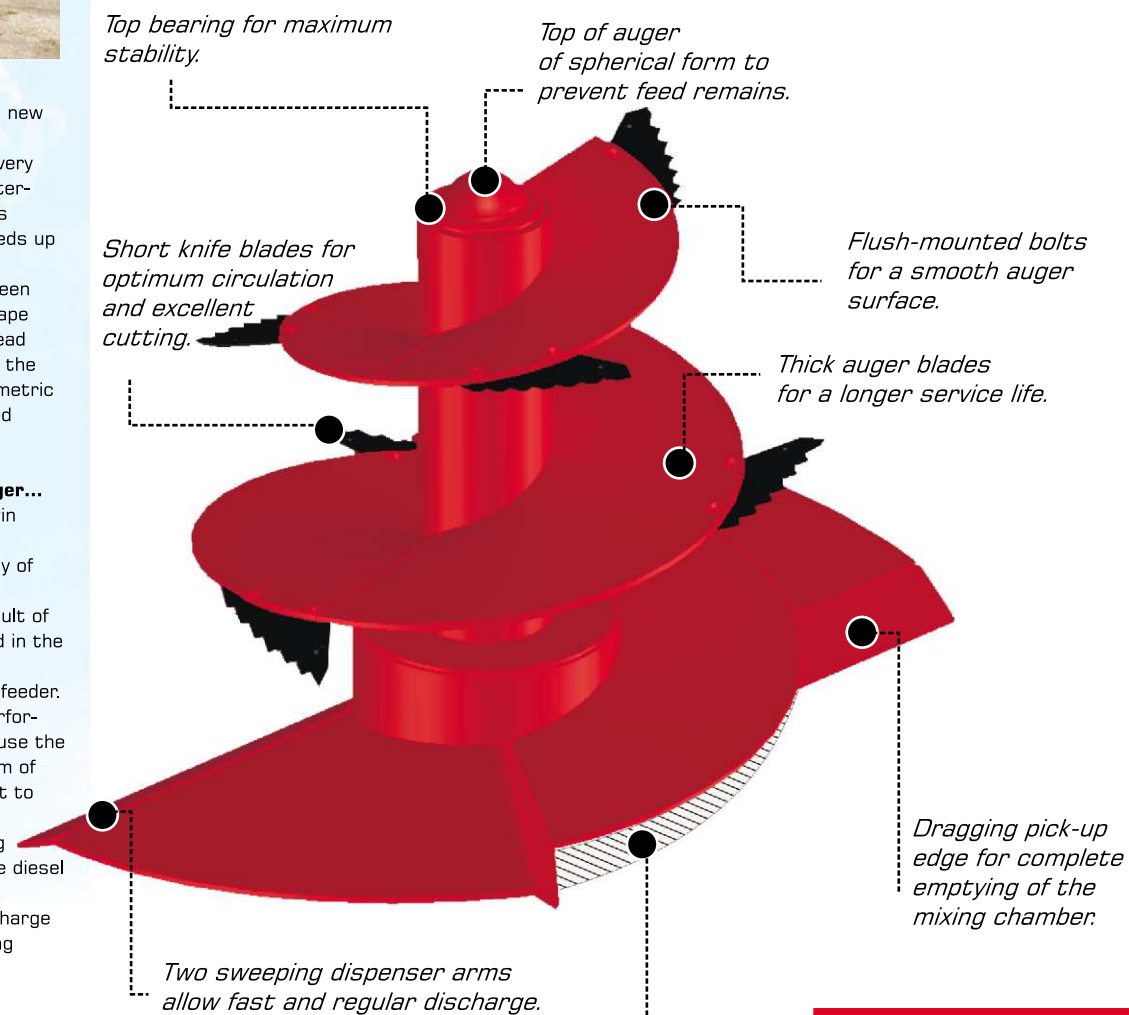
The Solomix 2 features the new Twin Stream mixing auger. This narrow diameter-mixing auger has a variety of clear advantages.

- * Feed mixing is improved as a result of the higher feed circulation speed in the mixing chamber.
- * Faster loading rate in the mixer feeder.
- * Improved and quicker 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.
- * Quicker handling of round and big square bales dramatically reduce diesel costs and labour time.
- * Quicker and more even feed discharge by symmetric sweeper dispensing arms.

Solomix2 1200-3200 ZK(T)

"Twin Stream" mixing auger

Optimum mixing, cutting and distribution.



Large capacity and low power requirements...

The two-auger Solomix from Trioliet has an auger diameter which is small in proportion to the contents and this together with the optimal lift angle of the auger blades ensures very favourable power consumption. A relatively low HP tractor is all that is needed which means lower diesel consumption.

Tailor-made solutions for every farm...

For situations where direct discharge to the floor or into a low trough is required, the ZK(T)-type is most suitable. This simple, low-maintenance machine, which is particularly favourably priced is designed with discharge doors on both sides (left front and right front) which are operated and controlled hydraulically. Type ZKT is produced with a tandem axle which gives a narrow track width. Type ZK is produced with a single wheel axle.

Standard equipment...

Type ZK
2 Vertical cutting and mixing augers, two manually controlled and adjustable counter knives, wide-angle PTO with shearing bolt, reversible drawbar for top or bottom connection, a single axle with two large wheels (models 1500/1800/2000) or four wheels (model 1200), 2 hydraulically operated and controlled discharge doors for distribution to the left or the right, hydraulic brakes with parking brake and operation by tractorvalves. Type 1200 ZK has a drawbar for top connection.

Type ZKT
Standard specification is similar to the ZK, instead of a single axle, a tandem axle with 4 wheels. Operation by tractorvalves.



Types ZKT is standard equipped with four single wheels on reciprocating tandemset.



Reduced auger diameter improves vertical circulation and speeds up cutting process.

Discharge side doors deposits the feed to the left or to the right, quickly and without spilling.



In one single operation a complete daily feed ration is loaded, well mixed and discharged whilst preserving their structure.



Complete regular discharge by new type of discharge door.

The two vertical mixer augers with cutting blades and planetary gear-drive ensures a perfect TMR result, feed structure remains optimal.



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