

What makes Trioliet mixers special?

Dual Flow by Offset Inserts

The Trioliet mixer feeders with two and with three vertical mixing augers are equipped with patented Offset Inserts, for interaction between the front and rear mixing chambers (forced horizontal mixing), resulting in a quick and homogeneous mixing and a consistent and complete discharge.



Perfect view

The wide observation window at front of the mixing chamber ensures a perfect view at the mixing process. This observation window is not available on Solomix 1 500 ZK.

Unique bearing construction

The auger bearings include a maintenance-free conical roller bearing at the top and a sinter sleeve bearing at the bottom. This bearing construction will absorb all axial and radial auger forces. The large bearing distance ensures maximum stability.

Integrated chassis for long life time

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. The mixing tub is manufactured out of St. 52.

Patented Trioform auger knives

The Trioform auger knives are mounted at horizontal position on the auger flighting.

This ensures an optimum cutting performance with less resistance in the feed (fuel saving).

The patented Trioform auger knives are self-sharpening and the special shape lead up to a higher strength and long life.

Special welded auger flighting

The special welding of the auger ensures a long life.

Twin Stream auger

The optimum auger shape of the Twin Stream auger result in a quick and homogeneous mixing action at a low power requirement (low diesel consumption).

No wasted space and higher capacity of cubic foot because of slim auger body. Even and quick discharge caused by the two symmetrical dispenser arms. Twin Stream augers are manufactured out of St. 52.

Trioliet wear ring for stability and long life time

The special Trioliet wear ring ensures a long life of the mixing tub.

Many tire options

Sturdy Trioliet tires underneath the mixer feeder wagon ensure a low machine height (very suitable for skid loader and fit in low barns). For almost all farm situations we have the most appropriate tire available.

Unique weighing system

The Trioliet electronic weighing system comes as standard with three (Trailed mixers up to 4000) or five (models 4600 and 5200) heavy duty weigh bars for maximum accuracy. Truckmount and twin auger stationary mixers have a 4-point weighing system. Every weigh bar has double sided strain gauges for maximum accuracy. The weight indicator is placed in a rugged indicator case of high-impact durable material. Many options and accessories available, like data transfer with datakey, radiographic controls, remote displays and CAB control remote computers.

St. 52

All Trioliet mixer feeders (tub, auger(s), chassis and wear ring are manufactured out of St. 52.

