

TMR...

Total Mixed Ration feeding is the most profitable way to feed in dairy farming as this feed system has some major advantages. Optimum cost and conversion benefits can be achieved from mixing your own roughage and inexpensive by-products such as brewer's grains and pressed citrus or beet pulp. Mixing your own blend in the feeder or buying in a simple blend reduces concentrate costs considerably.

Also, the cows' daily food intake can be increased therefore producing more milk. This occurs without the many health and fertility problems associated with high-level concentrate intake in parlour fed systems. Because there is no competition for cows to get to the feed trough all at the one time, there is no bullying and the animals can eat as much as they want, when they want. This reduces cow stress levels making them much more content. Moreover, mixed feeding saves labour. In one operation, a complete ration for the entire day can be loaded, mixed and deposited in front of the cows. The easy vertical auger cutting and mixing system ensures that a stiff feed structure is retained. This guarantees good digestion qualities and therefore excellent feed conversion rates to milk. A well-mixed ration means the cows cannot be selective while they eat; this ensures that waste is absolutely minimal.

Trioliet mixer feeders: simple, reliable technique...

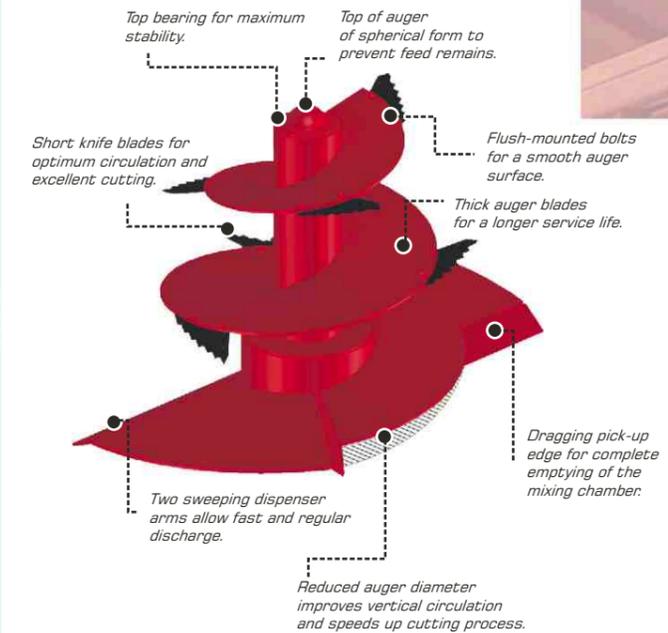
A solid drive shaft, a closed planetary gearbox and the cutting auger together form the unique Trioliet cutting and mixing system. This proven and simple system is virtually maintenance-free and it guarantees a long service life. Most importantly, the heavy auger drive shaft runs to the very top of the auger and is spline connected for maximum strength. The shaft is supported at the top of the auger by a maintenance free conical roller bearing. This system ensures the bottom of the mixing chamber and the drive remain fully protected from the high forces between auger and mixing chamber wall when handling for instance heavy round bales. Just above the floor where high wear is experienced, a special steel wear plate is welded for a longer service life. The feed dispensing system can be via a synthetic cross conveyor belt at the front (Type VL) or rear (Type AL) or hydraulic opening doors on either side (Type ZK).



The new Solomix 1 series...
What are the improvements of the new Solomix 1 mixer feeder? A thicker tub wall extends the service life; a thicker and higher wear plate, thicker auger blade and a sturdier drawbar all add to life-time of the machine. New styling gives the Solomix 1 a very professional look. A larger and better-protected ladder platform improves safety, while a 3-part support speeds up hitching and unhitching. The opening above the door chamber in the VL types gives you a better view of the mixing and dispensing processes. The hydraulic opening doors have been moulded to the mixing chamber shape (conically round) of the ZK types 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.

**"Twin Stream"
mixing auger**

Optimum mixing, cutting and distribution.



Cross conveyor belt at the back of the machine.



Complete regular discharge by new type of discharge door.

Discharge in 2 directions.



Trioliet: Invents for you.

feeding

mixing

loading

cutting