

# Stationary feeding systems Solomix STAT

Models 700-2800

## Features:

- Variable speed drive for optimal mixing speed and superior discharge/clean out
- Direct drive line with one E-motor and without reduction gearbox between E-motor and planetary gearboxes
- One E-motor for optimum auger timing
- Adjustable supports for variable height
- High capacity chain conveyors for quick discharge
- Ideal mixers in combination with Triomatic or belt feeding systems
- Optional cooling system for intensive use



**Horizontal Flow by offset inserts** for optimal and quick mixing in both vertical and horizontal direction (patented).

## 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.

## Lapped 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 power 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.

## St. 52.

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

## Heavy Duty chain conveyor.

Mounted to the mixer.

## 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.



**Preprogrammed frequency drive** with unique software for automatic mixing speed control during mixing cycle.

## Control system.

Both manual control units and automatic control systems are available for controlling loading, weighing, mixing and unloading.

## Trioliet wear ring for stability and long life time.

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

## 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.

## Unique weighing system.

The Trioliet electronic weighing system comes as standard with four (4-point) heavy duty weigh bars for maximum accuracy. 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 datalink wireless data transfer, feed management software, radiographic controls, remote displays and CAB control remote computers.

