

## SOLOMIX 2 AND 3 STAT HEAVY DUTY FEATURES

- Variable auger speed for optimum mixing speed as well as superior and full discharge
- Heavy-Duty Drive Line
- Shear bolt protection at the top of the auger(s) to avoid disasters
- Rotation sensors to prevent error messages
- Direct drive line with one electric motor, without reduction gearbox
- One electric motor for optimal timing of the auger(s)
- Adjustable height thanks to adjustable supports
- Wide chain conveyors with very high capacity for fast discharge into the loading and discharge wagon(s)
- Perfect solution for large dairy and beef cattle farms
- Heavy-duty cooling system for the planetary drive line.



**Control system** | Both manual and automatic control systems are available for loading, weighing, mixing and discharging.



**Pre-programmed AC drive** | With unique software for automatic mixer speed control during the mixing cycle.

**Unique auger bearing** | When mixing tons of feed, large lateral and vertical forces are naturally exerted on the auger(s). The robust top bearing and the large glide bearing together with the large bearing distance ensure optimal stability and long service life.

**Dual Flow through unique inserts** | In the feed mixing systems with 2 or 3 augers, asymmetrical feed guides (inserts) are fitted in the inside. Trioliet holds a patent on the shape and positioning of these inserts; our feeding systems are unique in this respect. The inserts also force the feed to mix in a horizontal direction (Dual Flow). This quickly leads to an optimal, homogeneously mixed ration as well as fast and even discharge.

**Twin Stream augers for fast mixing and discharging** | Twin Stream augers have a special shape that is optimally proportioned to the mixing tub. The slim auger core and large surface of the auger flute ensure optimum filling as well as fast and homogeneous mixing. This also allows small mixtures to be mixed quickly. The 2 symmetrical discharge wings ensure smooth and even discharge.

**Shear bolt safety** | Shear bolt safety at the top of the auger (s). (Only for HD mixers).

**Specially welded augers** | The overlapping construction of the augers makes them stronger, increasing the service life.

**Trioform auger knives save fuel** | The patented shape of the cutting knives mounted horizontally on the auger reduces resistance during mixing because no support plate is required. This saves fuel. The knives are self-sharpening and will last a long time.

**Heavy-Duty Drive Line** | With heavy-duty gearboxes (without reduction gearboxes)

**Trioliet wear strip for greater stability and longer service life** | The special Trioliet wear strip at the bottom of the mixing tub ensures a longer service life for the mixing tub.

**S355JR** | All Trioliet feed mixers (mixing tub, auger(s), chassis and wear strip) are manufactured from S355JR (St. 52).

**Integrated chassis for long service life** | All auger forces are properly absorbed in the mixing tub because the mixing tub is positioned directly on the chassis.

**Unique weighing system** | The Trioliet electronic weighing system is equipped as standard with four (4-point) robust weighing bars for maximum accuracy. Each weighing bar is equipped with 2 strain gauges. The weight is displayed with the highest precision thanks to the Trioliet weighing indicator in an impact-resistant watertight housing. There are many options and accessories available, such as data link wireless data transfer, Trioliet Feed Management (TFM) software, remote control and CAB control computers.