

- ▲ New: Trioform auger knives for rapid cutting, minimum power and Long Life
- ▲ Low horsepower requirement
- ▲ Optimal fluffy and consistent mix quality
- ▲ Patented Horizontal Flow System
- ▲ Unique auger design for rapid mixing

Solomix2 1000-3200



Trioliet: Invents for you.

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 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.



Solomix 2, model 2000 VLH T

Solomix2 1000-3200



Trioform auger knives

Benefits of the Trioform auger knives:

- ▲ Stronger because of the shaped body, less breakage
- ▲ No stress (at tightening to the auger flighting), because of the 2 contact surfaces
- ▲ Better cutting performance, because of the horizontal position
- ▲ Self sharpening, because the bevelled edge is at bottom side
- ▲ Better downward flow of feed, because of the horizontal position
- ▲ Less power requirement (fuel saving), because of an improved shape (no support plate)
- ▲ Longer life time, because of strength and shape



Twin Stream mixing auger

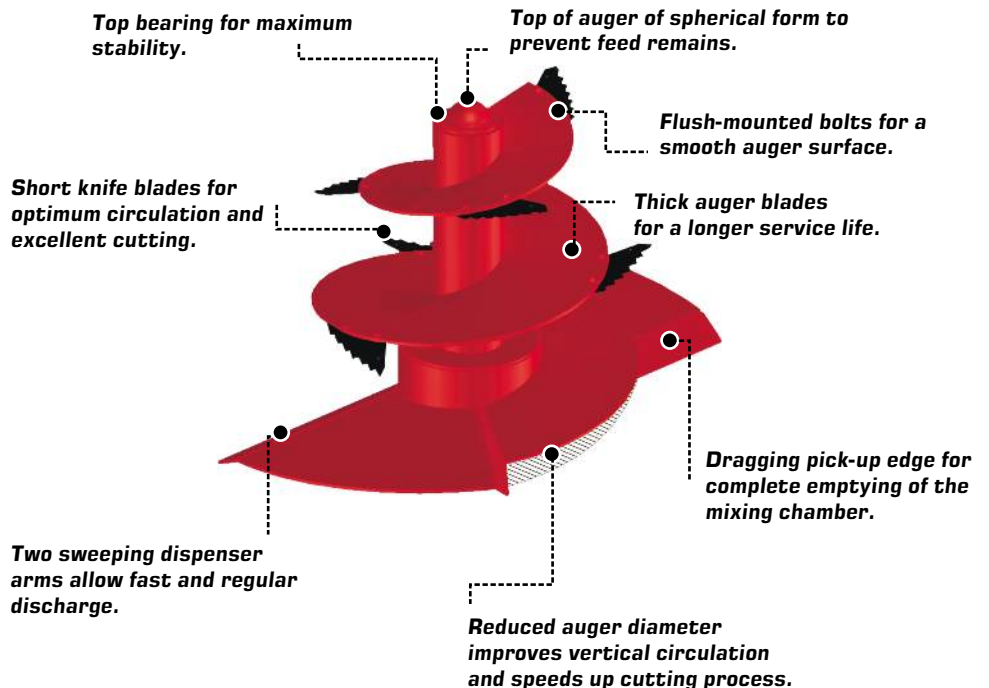
Optimum mixing, cutting and distribution.



Solomix 2, model 2400 L VLB T



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



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



Models VLH T and VLB T are standard equipped with four single wheels on reciprocating tandemset.



A wide cross conveyor or chain conveyor deposits the feed to the left or to the right, quickly and without spilling.

Solomix2 1000-3200

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.

Standard equipment...

Model VL with front belt discharge

2 Vertical cutting and mixing augers, two manually controlled and adjustable restrictor blades, wide-angle PTO-shaft, reversible drawbar for top or bottom connection, a single axle with two large wheels, cross conveyor belt at the front for distribution to the left or the right, hydraulic brakes with parking brake and remote control by bowden-cable operation. Models 1000 and 1200 VL have a drawbar for top connection.

Model VLH with front belt discharge

Standard specification is similar to the VL with a single axle and wheels under the mixing chamber.

Models VLH T and VLB T with front belt discharge

Standard specification is similar to the VL and VLH but with instead of a single axle, a tandem axle with 4 wheels.

Model VLS with front chain discharge

Standard specification is similar to the VL but with instead of a conveyor belt, a conveyor chain at front and direct operation by tractor hydraulics.



Solomix 2, model 1800 VLH.



Solomix 2, model 1000 VL.



Solomix 2, model 1200 L VLS with chain discharge.



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

Trioliet: Invents for you.

Wide range of accessories:

- * Electronic weighing.
- * Extra large display (digit size 43 mm./1.7").
- * Extra, separate display for loading from two sides.
- * Programmable weighing computer.
- * Hydraulic jack.
- * Hydraulic jack with weighing system.
- * Reduction gearbox.
- * Speed increaser box.
- * Hydraulic operation of two restrictor blades.
- * Cross conveyor belt extension.
- * Speed regulator for cross conveyor belt/chain.
- * Electric operation.
- * Bowden-cable operation for model VLS
- * Off set clevis.
- * Lighting set.
- * Hay ring.
- * Wheels for roaduse.
- * Heavy duty PTO shaft.
- * Mineral chute.
- * Rear pre-mix door.
- * Magnet kit.



Electric operation as an option.



Mineral chute as an option.



A discharge door at the back of the machine as an option.



Solomix 2, model 3200 VLK with chain at front.



EZ 3600 V with datakey, docking station and software as an option.

Technical Data

SINGLE AXLE

Model	1000 VL	1200 VL	1400 VL	1600 VL	1600 L VL	1800 VL	2000 VL
Discharge	conveyor belt at front						
Capacity m ³ ./Cu Ft.	10/350	12/430	14/500	16/570	16/570	18/650	20/715
Length m./Inch.	5.63/222"	5.69/224"	6.08/239"	6.11/241"	6.60/260"	6.61/260"	6.64/261"
Width m./Inch.	2.12/83"	2.15/85"	2.29/90"	2.29/90"	2.44/96"	2.44/96"	2.44/96"
Height* m./Inch.	2.40/95"	2.67/105"	2.74/108"	2.92/115"	2.59/102"	2.75/108"	2.95/116"
Trackwidth m./Inch.	2.05/81"	2.05/81"	2.29/90"	2.29/90"	2.42/95"	2.42/95"	2.42/95"
Discharge height m./Inch.	0.55/22"	0.55/22"	0.55/22"	0.55/22"	0.55/22"	0.55/22"	0.55/22"
Net weight kg./Lbs.	3.420/7,385	4.100/9,040	5.700/12,570	5.900/13,010	5.950/13,100	6.350/14,000	6.600/14,550
Max. load kg./Lbs.	4.000/8,820	4.500/9,920	6.000/13,230	6.600/14,550	6.550/14,600	7.400/16,310	8.000/17,640
Min. Horsepower kW/HP	48/65	48/65	55/75	60/82	62/85	62/85	70/95
Number of knives per auger	3	4	5	5	5	5	5
Discharge height with belt ext. m./Inch.	0.69/27"	0.70/28"	0.70/28"	0.70/28"	0.70/28"	0.70/28"	0.70/28"
Tyre size (2 x)	315/80 22.5 18 PR		385/65 22.5 18 PR				
Required hydraulic capacity	20 ltr./min., 170 bar/5.29 gallons/min. 2465 psi						
Tractor hydraulic requirements	1 single acting valve						

SINGLE AXLE

Model	1200 VLH	1600 VLH	1800 VLH	2000 VLH	2400 L VLH	1200 L VLS	1600 L VLS
Discharge	conveyor belt at front				chain conveyor at front		
Capacity m ³ ./Cu Ft.	12/430	16/570	18/650	20/715	24/860	12/430	16/570
Length m./Inch.	6.19/244"	6.59/259"	7.08/279"	7.14/281"	7.57/298"	6.06/239"	6.60/260"
Width m./Inch.	2.16/85"	2.28/90"	2.28/90"	2.29/90"	2.66/105"	2.29/90"	2.44/96"
Height* m./Inch.	2.50/98"	2.76/109"	2.83/111"	3.01/119"	2.97/117"	2.48/98"	2.59/102"
Trackwidth m./Inch.	1.71/67"	1.91/75"	2.15/85"	2.15/85"	2.15/85"	2.29/90"	2.42/95"
Net weight kg./Lbs.	5.000/11,000	5.700/12,540	6.200/13,640	6.900/15,180	8.400/18,480	4.700/10,360	6.000/13,225
Max. load kg./Lbs.	4.500/9,920	5.000/11,000	5.800/12,760	6.600/14,550	7.600/16,720	5.000/11,000	5.000/11,000
Discharge height m./Inch.	0.75/30"	0.75/30"	0.88/35"	0.88/35"	0.88/35"	0.85/33"	0.85/33"
Min. Horsepower kW/HP	60/75	62/85	75/95	82/110	88/120	55/75	62/85
Number of knives per auger	4	5	5	5	6	5	5
Tyre size (2 x)	400/45 L 17.5		435/50 R 19.5			385/65 22.5 18 PR	
Required hydraulic capacity	20 ltr./min., 170 bar/5.29 gallons/min. 2465 psi						
Tractor hydraulic requirements	1 single acting valve / 2 double acting valves						

TANDEM AXLE

Model	2000 VLH T	2400 VLH T	2400 L VLB T	2800 VLB T	3200 VLB T
Discharge	conveyor belt at front				
Capacity m ³ ./Cu Ft.	20/715	24/860	24/860	28/1,000	32/1,150
Length m./Inch.	7.13/281"	7.20/283"	8.13/320"	8.20/322"	8.63/340"
Width m./Inch.	2.29/90"	2.44/96"	2.90/114"	2.90/114"	2.90/114"
Height* m./Inch.	3.04/120"	3.25/128"	3.00/118"	3.42/135"	3.42/135"
Trackwidth m./Inch.	1.87/74"	1.87/74"	2.00/79"	2.20/87"	2.20/87"
Net weight kg./Lbs.	7.200/18,840	7.700/16,940	10.150/22,600	11.600/25,500	12.200/26,700
Max. load kg./Lbs.	8.800/19,360	8.300/18,260	10.000/22,000	10.400/24,000	11.400/24,000
PTO Drive	540	540	1.000	1.000	1.000
Discharge height m./Inch.	0.91/36"	0.91/36"	0.88/35"	1.06/42"	1.06/42"
Discharge height with belt ext. m./Inch.	1.06/42"	1.06/42"	--	--	--
Min. Horsepower kW/HP	75/95	80/105	88/120	95/130	110/150
Number of knives per auger	5	7	7	9	9
Tyre size (4 x)	305/70 R 19.5 / 435/50 R 19.5 / 385/65 22.5 18 PR				
Required hydraulic capacity	20 ltr./min., 170 bar/5.29 gallons/min. 2465 psi				
Tractor hydraulic requirements	1 single acting valve/ 2 double acting valves for VLB T				

* On request different heights are possible

Trioliet reserves the right to make changes in design and specifications, or to add new features without obligation on implements before or after such changes are made.



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