

SOLOMIX X-RANGE



X-RANGE

Mixer
Feeder wagons
models 2400L - 5200

Trioliet. Invents for you.

 **TRIOLIET**
FEEDING TECHNOLOGY

Trioliet feeding technology | since 1950



Feeding with complete precision

Trioliet was founded in 1950 by the three Liet brothers. The family company is specialised in the development, production and supply of tailor-made mechanised and automated solutions for feeding cattle. Sustainability and efficiency are important focuses for modern and professional farmers. When developing machines, we use the newest technological innovations. The machines are not just developed for the farmers, but with their cooperation as well. The desires of the user are considered in detail. Trioliet holds various patents, ensuring that the machines are unique, extremely efficient and user-friendly. Feeding with complete precision is a starting point that we stand for, and this is consistent with the desires and requirements of modern cattle breeders.

www.trioliet.com

 **TRIOLIET**
FEEDING TECHNOLOGY

Over 65 years of innovation



**Perfect accuracy is
our starting point**



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Solomix X-Range



Powerful and impressive performance

The Solomix X-Range is a real bruiser. These mixers have been specially developed for cattle farmers who want to process large quantities of feed in a very short time. Despite use of large volumes, feed is rapidly mixed to an optimum, homogeneous consistency. The machine's specific features like special shape of tub, made-to-measure augers, special augerspeed and rugged construction guarantee reliability, healthy livestock, time and cost savings. No matter what the circumstance, Trioliet has a suitable mixer to meet your individual needs. The Solomix X-Range is available in sizes ranging from 860 – 1,860 cu.ft / 24 m³ to 52 m³.



Highly comprehensive as standard

All Solomix X-Range mixers are equipped with 2 or Long Life augers, unique auger support and supported by an integrated tub and chassis. All Solomix X-Range machines and equipped with a cab operated reduction gearbox and heavy-duty drive line. The Solomix X-Range series have the industry's thickest tub walls and thickest augers to ensure long life.



Solomix X-Range



Efficiency saves time and fuel

The interior of the mixing chamber is fitted with asymmetrical triangles called "Offset Inserts". These patented inserts serve to ensure the feed is mixed not only vertically, but also horizontally. This '**dual flow**' quickly leads to a perfectly mixed, homogeneous ration and a quick and even discharge. Trioliet is the only vertical mixer with true horizontal flow! The patented Trioform auger knives have a high durability and are fitted in an optimum, horizontal position. This ensures optimum cutting performance with the least possible force. Long-fibred material is cut rapidly, saving fuel. The knives are self-sharpening and have a long life. Trioliet holds patents for both the form and positioning of the inserts and for the form of the auger knives.



Auger and mixing chamber

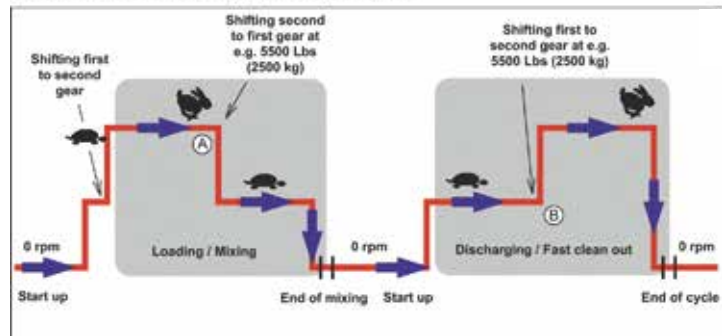
The mixing augers and mixing chamber have been designed for rapidly and consistently processing large quantities of feed. The unique Twin-Stream Auger features two symmetrical dispenser arms, aids in the horizontal flow in the mixer and ensures that the feed is discharged smoothly and evenly. Because the augers are timed and work together, even small mixes are mixed quickly and accurately. The mixing chamber is equipped with robust walls that are highly wear-resistant. The special **wear ring** ensures greater stability and resistance to wear at the bottom of the mixing chamber, where the pressure on the chamber wall is greatest.



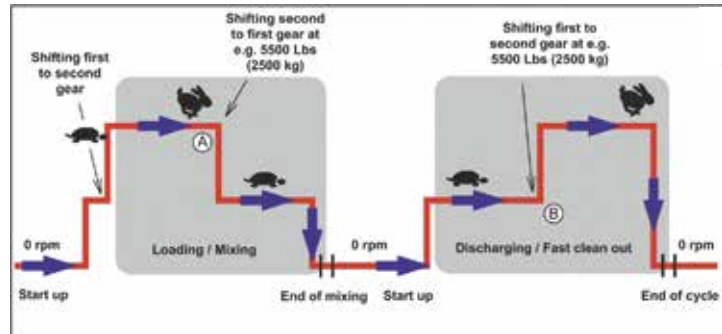
Shiftronic 2 and 3 speed



Typical use of the Shiftronic 2-speed



Example loading, mixing and discharging with 1000 rpm PTO system (High cows program)



Example loading, mixing and discharging with 540 rpm PTO system (High cows program)

Trioliet Shiftronic: Fuel efficient and less wear and tear

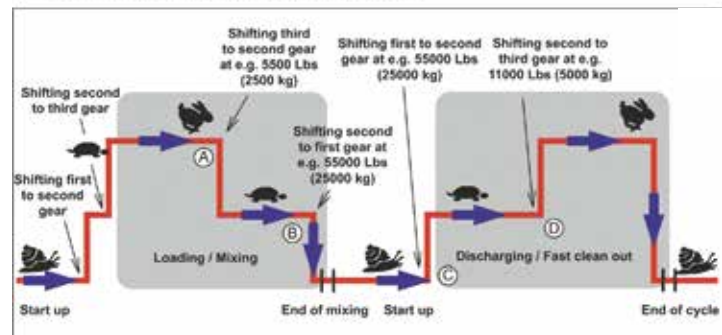
For all Solomix X-Range mixers, Trioliet has developed the 2 and 3-speed Shiftronic reduction gearbox! This patented automatic gearbox makes it possible to shift automatically to a lower auger speed during loading and a increased auger speed during discharge to keep a rapidly discharge a even feedline. The shift points are pre-programmed, and customized to meet the needs of the individual ration or pen based on the specific weight of the ration. Use of a Shiftronic reduction gearbox has been shown to significantly reduce the stress, strain and damage to both the tractor and mixer drive lines and to reduce fuel consumption, because the gearbox helps to maximize horsepower.

Trioliet mixer feeders with Shiftronic 2 and 3-speed contribute to a greener, more sustainable world and therefore they become the Trioliet Green Label.





Functioning of the Shifttronic 3-speed



Example loading, mixing and discharging with 3-Speed system (High cows program)

A Proven Investment

The Shifttronic always starts in first (low) gear, which requires just one third of the torque as direct drive. By programming when the Shifttronic changes auger speeds, you ensure that you are always mixing and dispensing at the optimum auger speed for the tractor. When discharging, the auger speed is increased as the load is reduced to ensure the mixer discharges evenly, quickly and fully. The Trioliet Shifttronic is a proven investment. Durability in operation, a time saving of 10% and a saving of more than 30% on fuel, are not uncommon.

An hour's time saved per day and a 25% saving on fuel; the investment is already paying for itself

Fam. H. Luijterink, Overdinkel, Twente, NL. Solomix 2 2400L ZKX-T

Unique features Solomix X-Range

▶▶ Fuel saving, long-lasting usage
and best mixing result ▶▶



1 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.

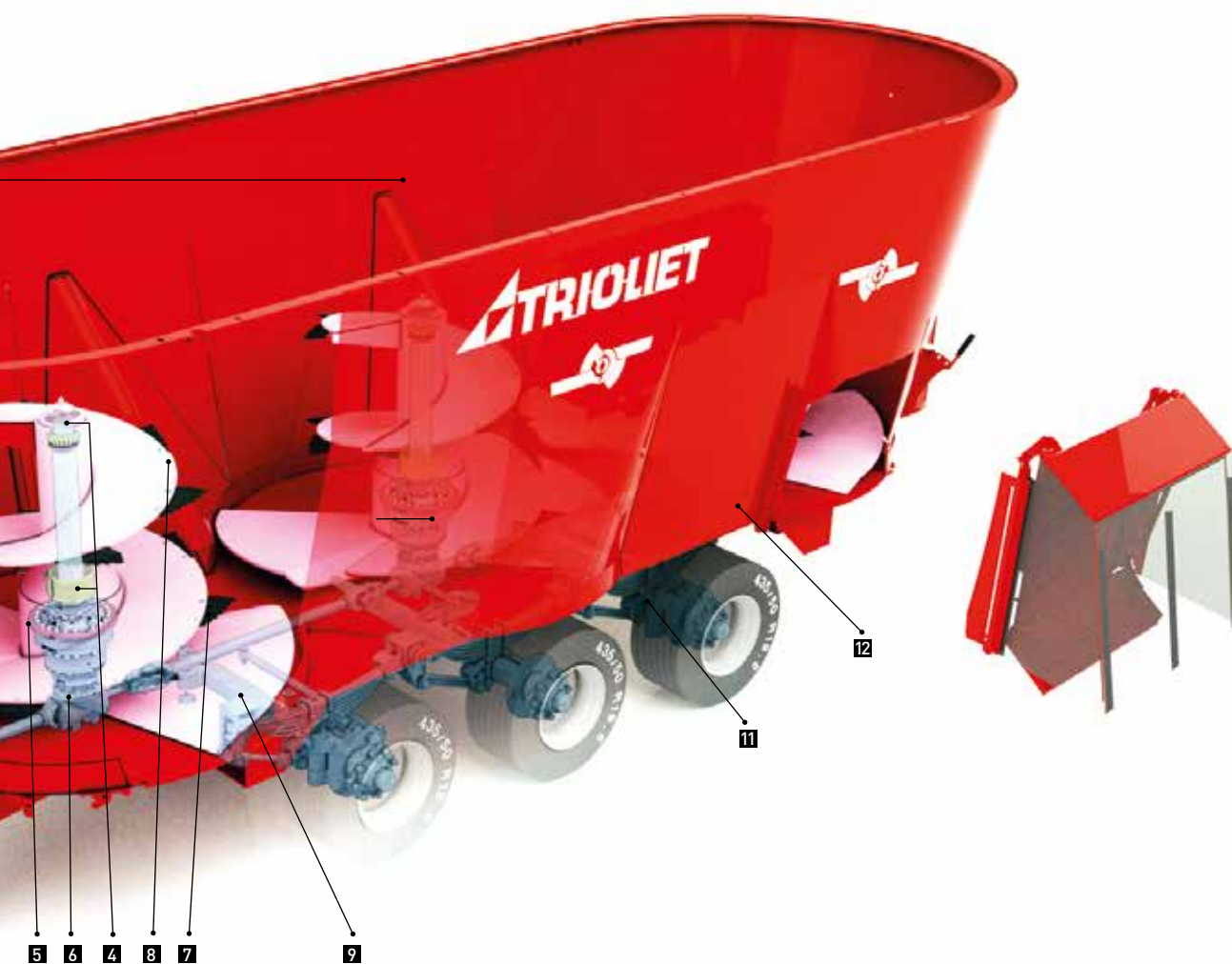
2 Perfect view | The wide observation windows at front of the mixing chamber ensures a perfect view at the mixing process.

3 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. 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.

4 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.

5 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 S355JR (St. 52).

6 Heavy-duty drive line | The robust planetary gearboxes offer high resistance to stresses. The mixers are equipped with a mechanical drive to ensure high efficiency and a low power requirement.



7 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.

8 Special welded auger flighting | The special welding of the auger ensures a long life.

9 Twin Stream augers | 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 S355JR (St. 52).

10 Trioliet wear ring for stability and long life time | The special Trioliet wear ring ensures a longer life of the mixing tub.

11 Heavy Duty axle and many tire options | The tandem and tridem axle is specially developed to carry large quantities of feed. 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.

12 S355JR (St. 52) | All Trioliet mixer feeders (tub, auger(s), chassis and wear ring) are manufactured out of S355JR (St. 52).

Triotronic



Precision requires advanced instruments

Healthy livestock require a sophisticated feed composition. The Triotronic electronic weighing system is an indispensable tool, especially for the larger dairy farm. The Triotronic allows livestock to be fed with absolute accuracy, which saves on costs and is less stressful for the environment. The Triotronic is equipped with three or five robust weigh bars as standard, which provide maximum stability. Two measurements are taken from each weigh bar, with an average reading being calculated to ensure maximum accuracy. The weigh bars are insensitive to peak loads. The digital weight indicator features extra-large digits and an LED backlight and is well-protected by a shockproof, watertight housing.

TFM Tracker



Trioliet Feed Management System for optimum feeding

The weighing system of the Solomix can be extended with the advanced Trioliet Feed Management 'TFM Tracker' software. This system allows rations to be programmed, optimized and controlled allowing for high precision feeding and minimizing feed costs.

Discharge options



The perfect solution for any farm situation



The Solomix Heavy Duty series comes with a range of discharge options: front, side or rear of the mixer to meet any need. A range of accessories and optional equipment is also available. No matter what the circumstances are on your farm, Trioliet has a mixer to meet your needs.

Discharge units

- X** = Heavy Duty mixer
- VL** = Front discharge
- H** = High discharge unit
- L** = Low model
- ZK** = Side discharge doors
- B** = Synthetic conveyor belt
- K** = Conveyor chain
- S** = Adjustable chain conveyor
- C** = Curved conveyor chain
- T** = Tandem axle
- TR** = Tridem axle

If desired, all cross conveyor units can be fitted with an optional side-shift, whereby the entire discharge unit to be pushed into a sideways direction.



Accessories

Shifttronic 2-speed
Reduction gearbox >



Top Fold Chute >



Security camera >



Electric operation >

Magnet kit with hanging magnets >



Magnet on the back of the auger wing >



Rubber hay ring >
for Solomix 2



Steered tandem >
unit

Solomix 2 | 2400L-3200 | VLX-B-T



Standard features

- 2 Long Life Twin stream augers
- Reversible restrictor blades
- Wide-angle PTO-shaft with shearbolt (1 3/4" -20 tractor connection)
- Adjustable and reversible drawbar with 50 mm drawbar eye (European standard) or clevis (2400L)
- Adjustable low drawbar with 50 mm drawbar eye (European standard) or clevis (2800 / 3200)
- Reduction gearbox standard (with cooling system for 2400L / 2800)
- Wide cross conveyor belt at front for discharge at both sides, RHS or LHS
- Walking tandem axle with 4 single wheels
- Hydraulic brake system with parking brake
- Stairs with platform and windows
- Pre-mix rear door without activation kit standard on the models 2800 and 3200
- Wear ring
- Trioform auger knives short
- Control by bowden cable

MODEL		2400L VLX-B-T	2800 VLX-B-T	3200 VLX-B-T
Discharge			Cross conveyor belt at front	
Capacity	m ³ /cu.ft	24/860	28/1,000	32/1,150
Overall length	m/Inch	8,30/327"	8,37/330"	8,61/339"
Width excl. conveyor	m/Inch	2,66/104"	2,66/104"	2,80/110"
Width incl. conveyor	m/Inch	2,75/108"	2,75/108"	2,80/110"
Overall height	m/Inch	3,04/120"	3,44/135"	3,44/135"
Track width outside wheels	m/Inch	2,19/86"	2,18/86"	2,18/86"
Discharge height*	m/Inch	0,93/37"	1,09/43"	1,09/43"
Width of cross conveyor belt	m/Inch	1,00/40"	1,00/40"	1,00/40"
Net weight	kg/Lbs	9,750/21,490	11,100/24,030	11,900/26,230
Maximum Load	kg/Lbs	12,250/27,010	10,900/24,470	10,100/22,270
Number of auger knife positions		10	12	12
Number of knives mounted per auger		7	9	9
PTO Drive (1 3/4"-20 spline)		1000	1000	1000
Power requirement PTO	HP (kW)	120 (88)	130 (95)	150 (110)
Wheels (4x)		435/50 R 19.5	385/65 R 22.5	
Required hydraulic capacity		20 l/min., 170 bar / 5 gallons/min., 2,500 psi		
Required tractor hydraulics		1 single acting valve		
* Height of top of belt				

Solomix 2 | 2400L-3200 | VLX-K-T



Standard features

- 2 Long Life Twin stream augers
- 2 Reversible restrictor blades
- Wide-angle PTO-shaft with shearbolt (1 3/4" -20 tractor connection)
- Adjustable and reversible drawbar with 50 mm drawbar eye (European standard) or clevis (2400L)
- Adjustable low drawbar with 50 mm drawbar eye (European standard) or clevis (2800 / 3200)
- Reduction gearbox standard (with cooling system for 2400L / 2800)
- Wide cross conveyor chain at front for discharge at both sides, RHS or LHS
- Walking tandem axle with 4 single wheels
- Hydraulic brake system with parking brake
- Pre-mix rear door without activation kit standard on the models 2800 / 3200
- Wear ring
- Trioform auger knives short
- Control by bowden cable
- Stairs with platform and windows

MODEL		2400L VLX-K-T	2800 VLX-K-T	3200 VLX-K-T
Discharge			Chain conveyor at front	
Capacity	m ³ /cu.ft.	24/860	28/1,000	32/1,150
Overall length	m/Inch	8,30/327"	8,37/330"	8,61/339"
Width excl. conveyor	m/Inch	2,66/104"	2,66/104"	2,80/110"
Width incl. conveyor	m/Inch	2,75/108"	2,75/108"	2,80/110"
Overall height	m/Inch	3,04/120"	3,44/135"	3,44/135"
Track width outside wheels	m/Inch	2,19/86"	2,18/86"	2,18/86"
Discharge height*	m/Inch	0,93/37"	1,09/43"	1,09/43"
Width of chain conveyor	m/Inch	0,96/39"	0,96/39"	0,96/39"
Net weight	kg/Lbs	9,900/21,830	11,100/24,800	11,900/26,570
Maximum load	kg/Lbs	12,050/26,570	10,900/23,590	10,100/21,830
Number of auger knife positions		10	12	12
Number of knives mounted per auger		7	9	9
PTO Drive (1 3/4"-20 spline)		1000	1000	1000
Power requirement PTO	HP (kW)	120 (88)	130 (95)	150 (110)
Wheels (4 x)		435/50 R 19.5	385/65 R 22.5	
Required hydraulic capacity		20 l/min., 170 bar / 5 gallons/min., 2,500 psi		
Required tractor hydraulics		1 single acting valve		
* Top of chain				

Solomix 2 | 2400L-3200 | VLX-C-T



Standard features

- 2 Long Life Twin stream augers
- 2 Reversible restrictor blades
- Wide-angle PTO-shaft with shearbolt (1 3/4" -20 tractor connection)
- Adjustable and reversible drawbar with 50 mm drawbar eye (European standard) or clevis (2400L)
- Adjustable low drawbar with 50 mm drawbar eye (European standard) or clevis (2800/3200)
- Reduction gearbox standard (with cooling system for 2400L / 2800)
- Larger discharge door with rounded edges for better discharge
- Wide curved chain conveyor (w= 0,87m/ 34") with side shift (33cm/13" RHS and LHS), for discharge at both sides
- Pre-mix rear door without activation kit standard on the models 2800 and 3200
- Wear ring
- Trioform auger knives short
- Walking tandem axle with 4 single wheels
- Control by bowden cable
- Hydraulic brake system with parking brake
- Stairs with platform and windows

MODEL		2400L VLX-C-T	2800 VLX-C-T	3200 VLX-C-T
Discharge		Curved cross chain conveyor with side shift at front		
Capacity	m ³ /cu.ft.	24/860	28/1,000	32/1,150
Overall length	m/Inch	8,30/327"	8,37/330"	8,61/339"
Overall width	m/Inch	2,75/108"	2,75/108"	2,80/110"
Overall height	m/Inch	3,04/120"	3,44/135"	3,44/135"
Track width outside wheels	m/Inch	2,19/86"	2,18/86"	2,18/86"
Height bottom of conveyor(in)*	m/Inch	1,15/45"	1,30/51"	1,30/51"
Width of chain conveyor	m/Inch	0,96/34"	0,96/34"	0,96/34"
Net weight	kg/Lbs	10,000/22,050	11,400/25,130	12,150/26,790
Maximum Load	kg/Lbs	12,000/26,460	10,600/23,370	9,800/21,610
Number of auger knife positions		10	12	12
Number of knives mounted per auger		7	9	9
PTO Drive (1 3/4" -20 spline)		1000	1000	1000
Power requirement PTO	HP (kW)	120 (88)	130 (95)	150 (110)
Wheels (4 x)		435/50 R 19.5	385/65 R22.5	
Required hydraulic capacity		20 l/min., 170 bar / 5 gallons/min., 2,500 psi		
Required tractor hydraulics		1 single acting valve		
* Max. wall our trough height				

Solomix 2 | 2400L-3200 | VLX-S-T



Standard features

- 2 Long Life Twin stream augers
- 2 Reversible restrictor blades
- Wide-angle PTO-shaft with shearbolt (1 3/4" -20 tractor connection)
- Adjustable and reversible drawbar with 50 mm drawbar eye (European standard) or clevis (2400L)
- Adjustable low drawbar with 50 mm drawbar eye (European standard) or clevis (2800/3200)
- Reduction gearbox standard (with cooling system for 2400L / 2800)
- Larger discharge door with rounded edges for better discharge
- Wide discharge unit (w=0,87m/34") with chain conveyor with in height adjustable chain extension (right side)
- Pre-mix rear door without activation kit standard on the models 2800 and 3200
- Wear ring
- Trioform auger knives short
- Walking tandem axle with 4 single wheels
- Control by bowden cable
- Hydraulic brake system with parking brake
- Stairs with platform and windows

MODEL		2400L VLX-S-T	2800 VLX-S-T	3200 VLX-S-T
Discharge		Curved cross chain conveyor with side shift at front		
Capacity	m ³ /cu.ft.	24/860	28/1,000	32/1,150
Overall length	m/Inch	8,30/327"	8,37/330"	8,61/339"
Overall width	m/Inch	2,66/105"	2,66/105"	2,80/110"
Overall height	m/Inch	3,04/120"	3,44/135"	3,44/135"
Track width outside wheels	m/Inch	2,19/86"	2,18/86"	2,18/86"
Height bottom of conveyor(in)*	m/Inch	1,65/65"	1,81/71"	1,81/71"
Width of chain conveyor	m/Inch	0,87/38"	0,87/38"	0,87/38"
Net weight	kg/Lbs	9,900/21,830	11,300/24,910	12,050/26,570
Maximum Load	kg/Lbs	12,050/26,570	10,700/23,590	9,900/21,830
Number of auger knife positions		10	12	12
Number of knives mounted per auger		7	9	9
PTO Drive (1 3/4" -20 spline)		1000	1000	1000
Power requirement PTO	HP (kW)	120 (88)	130 (95)	150 (110)
Wheels (4 x)		435/50 R 19.5	385/65 R22.5	
Required hydraulic capacity		20 l/min., 170 bar / 5 gallons/min., 2,500 psi		
Required tractor hydraulics		1 single acting valve		
* Max. wall our trough height				

Solomix 2 | 2400L-3200 | ZKX-T



Standard features

- 2 Long Life Twin stream augers with Trioform auger knives short
- 2 (2400L) or 4 (2800 / 3200) reversible restrictor blades
- Wide-angle PTO-shaft with shearbolt (1 $\frac{3}{4}$ " -20 tractor connection)
- Adjustable and reversible drawbar for low connection with 50 mm drawbar eye (European standard) or clevis (2400L)
- Adjustable low drawbar with 50 mm drawbar eye (European standard) or clevis (2800 / 3200)
- Reduction gearbox standard (with cooling system for 2400L and 2800)
- Walking tandem axle with 4 single wheels
- Two side discharge doors with rounded edges for better discharge in front
- Manual adjustable discharge chutes
- Flexible and spacious side door covers
- Pre-mix rear door without activation kit standard on the models 2800 and 3200
- Wear ring
- Hydraulic brake system with parking brake
- Directly operated by tractor hydraulics
- Stairs with platform

MODEL		2400L ZKX-T	2800 ZKX-T	3200 ZKX-T
Discharge		Two side discharge doors at front		
Capacity	m ³ /cu.ft.	24/860	28/1,000	32/1,150
Overall length	m/Inch	7,36/290"	7,53/296"	7,96/313"
Overall width	m/Inch	2,74/108"	2,73/107"	2,94/116"
Overall height	m/Inch	3,02/119"	3,42/135"	3,42/135"
Track width outside wheels	m/Inch	2,00/79"	2,18/86"	2,19/86"
Discharge height*	m/Inch	1,02/40"	1,17/46"	1,19/47"
Width of discharge door	m/Inch	0,92/36"	0,92/36"	0,92/36"
Net weight	kg/Lbs	8,550/18,850	10,150/22,380	11,000/24,250
Maximum Load	kg/Lbs	13,450/29,650	11,000/24,250	11,000/24,250
Number of auger knife positions		10	12	12
Number of knives mounted per auger		7	9	9
PTO Drive (1 $\frac{3}{4}$ "-20 spline)		1000	1000	1000
Power requirement PTO	HP (kW)	120 (88)	130 (95)	150 (110)
Wheels (4 x)		435/50 R 19.5	385/65 R22.5 18 PR	
Required hydraulic capacity		20 l/min., 170 bar / 5 gallons/min., 2,500 psi		
Required tractor hydraulics		2 double acting valves		
* Height of bottom of tub				

Solomix 3 | 3000 | ZK-T



Standard features

- 3 Long Life Twin stream augers with Trioform auger knives short
- 540 RPM drive line
- Walking tandem axle with 4 single wheels
- Wide-angle PTO-shaft with shearbolt (1 $\frac{3}{8}$ "-6 profile)
- Two side discharge doors with rounded edges for better discharge in front
- Adjustable and reversible drawbar for low connection with 50 mm drawbar eye or clevis
- Manual adjustable discharge chutes
- Flexible and spacious side door covers
- Hydraulic brake system with parking brake
- 2 Reversible restrictor blades
- Wear ring
- Directly operated by tractor hydraulics
- Stairs with platform

MODEL		3000 ZK-T
Discharge		Two side discharge doors at front
Capacity	m ³ /cu.ft.	30/1,075
Overall length	m/Inch	8,53/335"
Overall width	m/Inch	2,54/100"
Overall height	m/Inch	3,30/130"
Track width outside wheels	m/Inch	1,99/79"
Discharge height*	m/Inch	1,05/41"
Discharge height with 90cm/35" chain extension	m/Inch	1,27-1,52/50"-60"
Width of discharge door	m/Inch	0,92/36"
Net weight	kg/Lbs	10,250/22,600
Maximum Load	kg/Lbs	11,800/26,015
Number of auger knife positions		8
Number of knives mounted per auger		5
PTO Drive		540
Power requirement PTO	HP (kW)	130 (95)
Wheels (4 x)		435/50 R 19.5
Required hydraulic capacity		20 l/min., 170 bar / 5 gallons/min., 2,500 psi
Required tractor hydraulics		2 double acting valves
* Height of bottom of tub		

Solomix 3 | 3000 | VLH-B-T/VLH-K-T/VLH-C-T



Standard features

- 3 Long Life Twin Stream augers
- 540 RPM driveline
- 2 Reversible restrictor blades
- Wide-angle PTO shaft with 1³/₈"-6 profile
- Adjustable and reversible drawbar with 50 mm drawbar eye (European standard) or clevis
- Wide cross conveyor belt at front for VLH-B-T
- Wide chain conveyor at front for VLH-K-T
- Wide curved chain conveyor at front for VLH-C-T
- Wide in height adjustable chain conveyor at front for VLH-S-T
- Walking tandem axle with large single wheels
- Trioform auger knives short
- Wear ring
- Control by bowden cable
- Hydraulic brake system
- Stairs with platform

MODEL		3000 VLH-B-T	3000 VLH-K-T	3000 VLH-C-T	3000 VLH-S-T
Discharge		Belt	Chain	Curved chain	Adjustable chain
Capacity	m ³ .cu.ft.	30/1,075	30/1,075	30/1,075	30/1,075
Overall length	m/Inch	9,15/360"	9,15/360"	9,15/360"	9,15/360"
Overall width	m/Inch	2,54/100"	2,54/100"	2,54/100"	2,54/100"
Overall height	m/Inch	3,30/130"	3,30/130"	3,30/130"	3,30/130"
Track width outside wheels	m/Inch	2,00/79"	2,00/79"	2,00/79"	2,00/79"
Length of cross conveyor belt	m/Inch	2,44/96"	2,44/96"	2,54/100"	-
Discharge height (retracted)	m/Inch *	0,95/38"	0,95/38"	-	-
Discharge height (side shifted)	m/Inch *	0,93/38"	0,95/38"	-	-
Height bottom of chain (retracted)	m/Inch	-	-	1,10/46"	1,45/57"
Height bottom of chain (side shifted)	m/Inch	-	-	1,33/52"	1,10/43"
Width of cross chain conveyor	m/Inch	1,00/40"	0,96/39"	0,87/35"	0,87/52"
Net weight kg/Lbs		10,690/23,570	10,820/23,850	10,970/24,180	10,900/23,590
Maximum Load kg/Lbs		11,310/24,930	11,180/24,650	11,030/24,320	11,100/24,800
Number of auger knife positions		8	8	8	8
Number of knives mounted per auger		5	5	5	5
PTO Drive		540	540	540	540
Power requirement PTO	HP (kW)	130 (95)	130 (95)	130 (95)	130 (95)
Wheels 4x				435/50 R 19.5	
Required hydraulic capacity				20 l/min., 170 bar / 5 gallons/min., 2,500 psi	
Required tractor hydraulics				1 single acting valve	

Solomix 3 | 3600-4600 | VLX-B-T(R)



Standard features

- 3 Long Life Twin Stream augers
- Adjustable low drawbar with 50 mm ring hitch (European standard) or clevis 3600-4600 Tandem
- Adjustable low drawbar with K80 ball coupler and steering cylinders 4600 Tridem
- Wide cross conveyor belt at front for discharge at both sides, RHS or LHS
- Wide angle PTO-shaft with shearbolt (1³/₄"-20 tractor connection)
- Walking tandem axle with twin wheels (3600/4000L/4600 Tandem)
- Tridem axle with forced steering (front and rear axle) on 6 single wheels (4600 Tridem)
- Reduction gearbox standard
- Pre-mix rear door without activation kit standard
- 2 Restrictor blades
- Wear ring
- Hydraulic brake system
- Directly operated by tractor hydraulics
- Trioform auger knives short

MODEL		3600 VLX-B-T	4000L VLX-B-T	4600 VLX-B-T	4600 VLX-B-TR
Discharge				Cross conveyor belt at front	
Capacity	m ³ .cu.ft.	36/1,285	40/1,415	46/1,650	46/1,650
Overall length	m/Inch	9,92/391"	10,60/417"	10,64/419"	10,64/419"
Overall width {2,9m/114" belt}	m/Inch	2,90/114"	2,97/117"	2,97/117"	2,97/117"
Overall width {2,3m/91" belt}	m/Inch	2,66/105"	2,97/117"	2,97/117"	2,97/117"
Overall height	m/Inch	3,40/134"	3,24/128"	3,62/143"	3,54/139"
Track width outside wheels	m/Inch	2,28/91"	2,31/91"	2,45/96"	2,23/88"
Discharge height*	m/Inch	0,99/39"	1,03/41"	1,34/53"	1,04/41"
Width of cross conveyor belt	m/Inch	1,00/40"	1,00/40"	1,00/40"	1,00/40"
Net weight	kg/Lbs	14,400/31,750	15,600/34,390	17,900/39,460	18,200/40,120
Maximum Load	kg/Lbs	14,600/32,190	14,400/31,750	17,100/37,700	16,800/37,040
Number of auger knife positions		10	10	12	12
Number of knives mounted per auger		7	7	9	9
PTO Drive (1 ³ / ₄ "-20 spline)		1000	1000	1000	1000
Power requirement PTO	HP (kW)	177 (130)	191 (140)	204 (150)	204 (150)
Wheels		275/70 R22.5		315/80 R 22.5	435/50 R 19.5
Required hydraulic capacity				20 l/min., 170 bar / 5 gallons/min., 2,500 psi	
Required tractor hydraulics				2 double acting valves	

Solomix 3 | 3600-4600 | VLX-K-T(R)



Standard features

- 3 Heavy duty Twin Stream augers
- Adjustable low drawbar with 50 mm ring hitch (European standard) or clevis 3600-4600 Tandem
- Adjustable low drawbar with K80 ball coupler and steering cylinders 4600 Tridem
- Chain conveyor with Heavy Duty chain (L=2,90m/114") for discharge at both sides, RHS or LHS
- Wide angle PTO-shaft with shearbolt (1 3/4"-20 tractor connection)
- Walking tandem axle with twin wheels (3600/4000L/4600 Tandem)
- 2 Restrictor blades
- Reduction gearbox
- Wear ring
- Hydraulic brake system
- Trioform auger knives short
- Pre-mix rear door without activation kit standard
- Tridem axle with forced steering (front and rear axle) on 6 single wheels (4600 Tridem)
- Directly operated by tractor hydraulics

MODEL		3600 VLX-K-T	4000L VLX-K-T	4600 VLX-K-T	4600 VLX-K-TR
Discharge				Chain conveyor at front	
Capacity	m ³ /cu.ft.	36/1,285	40/1,415	46/1,650	46/1,650
Overall length	m/Inch	9,92/391"	10,59/417"	10,64/419"	10,60/417"
Overall width (2,9m/114" conveyor)	m/Inch	2,95/116"	2,99/118"	2,97/117"	2,97/117"
Overall width (2,3m/91" conveyor)	m/Inch	2,66/105"	2,66/105"	2,97/117"	2,97/117"
Overall height	m/Inch	3,40/134"	3,24/128"	3,62/143"	3,49/137"
Track width outside wheels	m/Inch	2,28/90"	2,31/91"	2,45/96"	2,23/88"
Discharge height*	m/Inch	0,99/39"	1,02/40"	1,34/53"	1,04/41"
Width of cross conveyor chain	m/Inch	1,00/40"	1,00/40"	1,00/40"	1,00/40"
Net weight	kg/Lbs	14,400/31,750	15,600/34,390	17,900/39,460	18,200/40,120
Maximum Load	kg/Lbs	14,600/32,190	14,400/31,750	17,100/37,700	16,800/37,040
Number of auger knife positions		10	10	12	12
Number of knives mounted per auger		7	7	9	9
PTO Drive (1 3/4"-20 spline)		1000	1000	1000	1000
Power requirement PTO	HP (kW)	177 (130)	191 (140)	204 (150)	204 (150)
Wheels		275/70 R22.5		315/80 R 22.5	435/50 R 19.5
Required hydraulic capacity		20 l/min., 170 bar / 5 gallons/min., 2,500 psi			
Required tractor hydraulics		2 double acting valves			

* Height of top of belt

Solomix 3 | 3600-5200 | ZKX-T(R)



Standard features

- 3 Heavy Duty Twin Stream augers with short Trioform auger knives
- Adjustable low drawbar with 50 mm ring hitch (European standard) or clevis 3600-4600 Tandem
- Hydraulic brake system
- Adjustable low drawbar with K80 ball coupler and steering cylinders 4600-5200 Tridem
- Two side discharge doors on right hand side with rounded edges for better discharge (front and rear)
- Manual adjustable discharge chutes
- Walking tandem axle with twin wheels for th 3600, 4000L and 4600 Tandem
- Directly operated by tractor hydraulics
- Wear ring
- Flexible and spacious side door covers
- Reduction gearbox standard for 3600 - 4600
- 2 Restrictor blades
- Premix rear door without activation kit standard
- Wide angle PTO-shaft with shearbolt (1 3/4"-20 tractor connection)
- Tridem axle with forced steering (front and rear axle) for the 4600 and 5200 Tridem
- Shiftronic 3-speed and weighing system standard for the 5200

MODEL		3600 ZKX-T	4000L ZKX-T	4600 ZKX-T	4600 ZKX-TR	5200 ZKX-TR
Discharge				Two side discharge doors on RHS, front and rear		
Capacity	m ³ /cu.ft.	36/1,285	40/1,415	46/1,650	46/1,650	52/1,860
Overall length	m/Inch	9,27/365"	9,90/390"	9,99/393"	9,99/393"	10,95/431"
Overall width	m/Inch	2,66/105"	2,97/117"	2,97/117"	2,97/117"	2,97/117"
Overall height	m/Inch	3,37/133"	3,24/128"	3,61/142"	3,54/139"	3,60/142"
Track width outside wheels	m/Inch	2,28/90"	2,28/90"	2,43/96"	2,23/88"	2,63/104"
Discharge height*	m/Inch	1,11/44"	1,11/44"	1,24/49"	1,16/46"	1,22/48"
Width of discharge door	m/Inch	0,92/36"	0,92/36"	0,92/36"	0,92/36"	0,92/36"
Net weight	kg/Lbs	13,900/30,640	15,100/33,290	16,400/36,160	16,600/36,600	21,000/46,300
Maximum Load	kg/Lbs	16,100/35,490	14,900/32,850	18,600/41,010	18,400/40,560	22,500/49,600
Number of auger knife positions		10	10	12	12	12
Number of knives mounted per auger		7	7	9	9	9
PTO Drive (1 3/4"-20 spline)		1000	1000	1000	1000	1000
Power requirement PTO	HP (kW)	177 (130)	191 (140)	204 (150)	204 (150)	240 (176)
Wheels 8x		275/70 R22.5		315/80 R 22.5		
Wheels 6x		435/50 R 19.5				
Wheels 12x		315/80 R 22.5				
Required hydraulic capacity		20 l/min., 170 bar / 5 gallons/min., 2,500 psi				
Required tractor hydraulics		2 double acting valves				

* Height of bottom of tub

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