

SOLOMIX X-RANGE



X-RANGE

Mixer
Feeder wagons
model 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 60 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 3 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 ‘horizontal 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

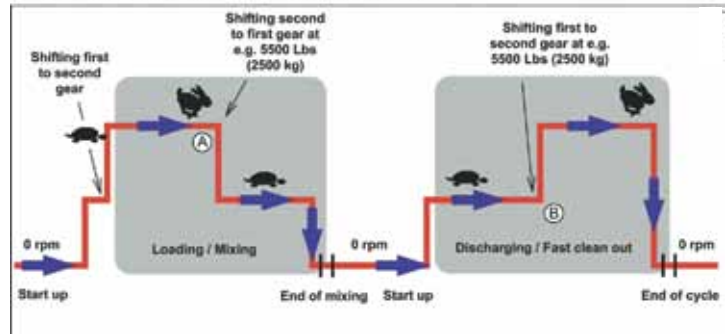
The mixing augers and mixing chamber have been designed for rapidly and consistently processing large quantities of feed. The unique Twin-Stream Auger features two symmetrical dispenser arms, aids in the horizontal flow in the mixer and ensures that the feed is discharged smoothly and evenly. Because 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 strip ensures greater stability and resistance to wear at the bottom of the mixing chamber, where the pressure on the chamber wall is greatest.



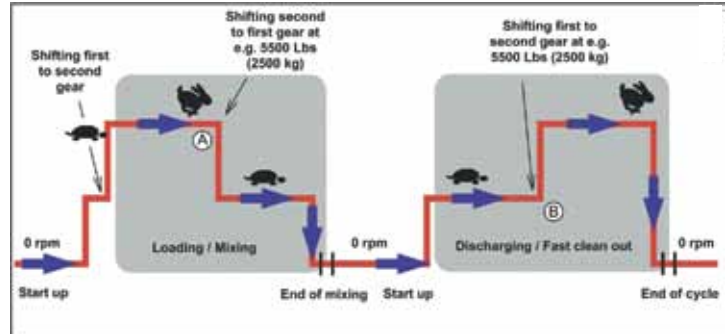
Shifttronic 2 and 3 speed



Typical use of the Shifttronic 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)

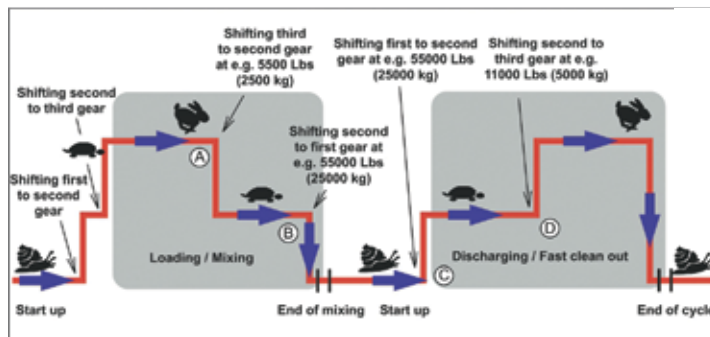
Trioliet Shifttronic:

Fuel efficient and less wear and tear

For all Solomix X-Range mixers, Trioliet has developed the 2 and 3-speed Shifttronic 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 Shifttronic 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.



Functioning of the Shifttronic 3-speed



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

A Proven Investment

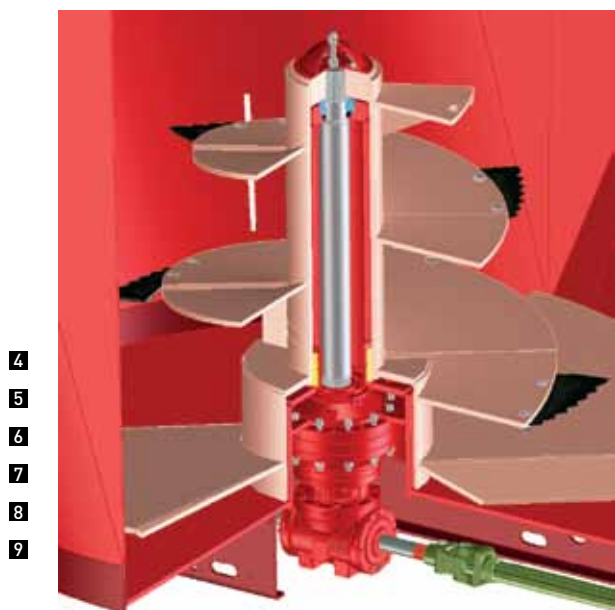
The Shifttronic always starts in first (low) gear, which requires just one third of the torque as direct drive. By programming when the Shifttronic changes auger speeds, you ensure that you are always mixing and dispensing at the optimum auger speed for the tractor. When discharging, the auger speed 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 Unique mixing chamber for the perfect feed mix | The asymmetrical inserts serve to ensure the feed is mixed in the horizontal direction. This produces a perfectly mixed ration of homogeneous consistency and a quick and even discharge.

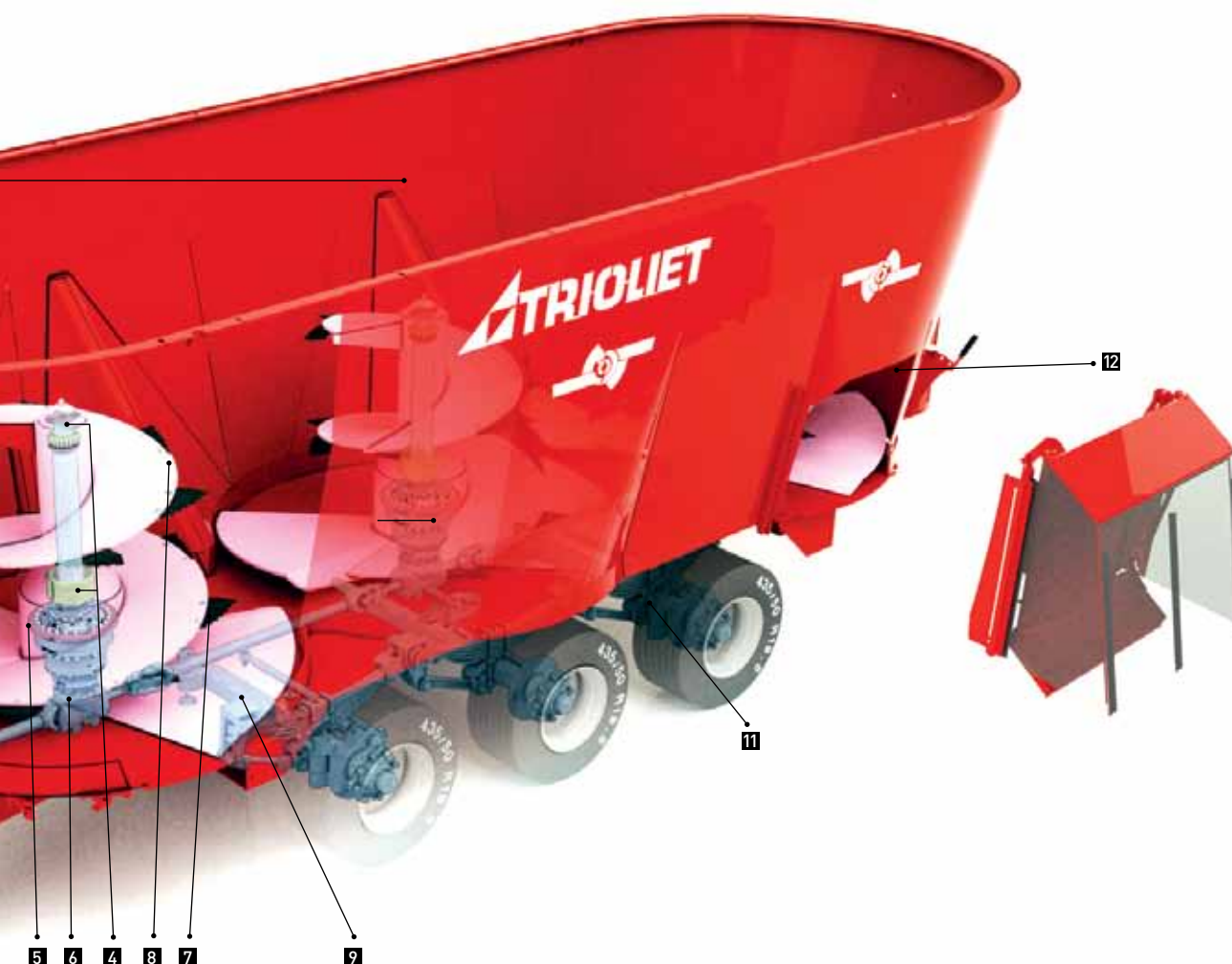
2 Large observation window for an optimum view of the mixing process

3 Unique weighing system | Three or five robust weigh bars provide maximum stability. A double measurement from each weigh bar ensures that the weight is presented with the utmost accuracy. The backlit weight indicator with extra-large digits is well-protected in a shockproof and watertight housing.

4 Unique auger bearing | When being used to mix feed, the two augers are subject to great horizontal and vertical forces, particularly when being used to process round bales. The large bearing distance ensures maximum stability and therefore a long service life.

5 Slimline, stable auger column | The slimline auger column is extremely stable, because it is directly supported by the chassis under the base of the machine.

6 Heavy-duty mechanical 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 Less resistance, less fuel | The patented shape of the auger knives ensures perfect cutting performance and reduced resistance. This equates to a saving on fuel. Moreover, the knives are self-sharpening and durable in operation.

8 Stronger, durable augers due to overlap welding | The 20 mm / $\frac{3}{4}$ " thick auger sections have been welded so that they overlap, to provide a stronger structure and a high degree of resistance to wear. The high speed ensures a quick mixing process, even at a reduced RPM.

9 Twin Stream augers for improved feeding | The slimline auger core and deep auger flyghting ensure an optimum fill factor and a quick and homogeneous mix. The two symmetrical dispenser arms provide a swift and even discharge, even in the case of small mixes.

10 Strong, stable mixing chamber | Trioliet has fitted a special wear strip in the bottom of the mixing chamber, where the pressure on the mixing chamber is greatest. This provides greater stability and extends the service life of the machine.

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

12 Rear premix door | For quick and compact discharge of premixes (as an option).

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 discharge unit
- ZK** = Side discharge doors
- B** = Synthetic conveyor belt
- K** = Conveyor chain
- 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.



Security camera >



Magnet kit with >
hanging magnets



Electric remote >
control



Rubber hay ring >
for Solomix 2



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



Standard features

- 2 Heavy duty Twin stream augers
- 2 (2400L) or 4 (2800 / 3200) restrictor blades
- Wide-angle PTO-shaft with shearbolt (2400L / 2800 and machines with shifttronic) or with overload clutch (3200) (1 3/4" -20 tractor connection)
- Adjustable and reversible drawbar with 45 mm drawbar eye (European standard) or clevis (2400L)
- Adjustable low drawbar with 50 mm drawbar eye (European standard) or clevis (2800 / 320)
- Reduction gearbox standard (with cooling system for 2400L / 2800)
- Wide cross conveyor belt at front (L=2,9 m/114") for discharge at both sides, RHS or LHS
- Walking tandem axle with 4 single wheels
- Hydraulic brake system with parking brake
- Optional side-shift right or shorter (2.31 m/ 91") belt conveyor
- Pre-mix rear door without activation kit standard on the models 2800 and 3200
- Wear ring
- Trioform auger knives short
- Directly operated by tractor hydraulics

MODEL		2400L VLX-B-T	2800 VLX-B-T	3200 VLX-B-T
Discharge		Cross conveyor belt at front		
Capacity	m³/cu.ft	24/860 28/1,000	32/1,150	
Overall length	m/Inch	8,13/320"	8,20/323"	8,63/340"
Width excl. conveyor	m/Inch	2,66/105"	2,68/106"	2,80/110"
Width incl. conveyor	m/Inch	2,90/114"	2,90/114"	2,90/114"
Overall height	m/Inch	3,00/118"	3,42/135"	3,42/135"
Track width outside wheels	m/Inch	2,00/79"	2,20/87"	2,20/87"
Discharge height*	m/Inch	0,88/35"	1,06/42"	1,06/42"
Width of cross conveyor belt	m/Inch	1,00/40"	1,00/40"	1,00/40"
Net weight	kg/Lbs	9,650/21,270	11,600/25,570	12,200/26,900
Maximum Load	kg/Lbs	8,800/19,400	10,400/22,930	11,400/25,130
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		2 double acting valves		
* Height of top of belt				

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



Standard features

- 2 Heavy duty Twin stream augers
- 2 (2400L) or 4 (2800 / 3200) restrictor blades
- Wide-angle PTO-shaft with shearbolt (2400L / 2800 and machines with powershift) or with overload clutch (3200) (1 3/4" -20 tractor connection)
- Adjustable and reversible drawbar with 45 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 (L=2,9 m/114") 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
- Optional side-shift right or shorter (2.31 m/ 91") belt conveyor
- Wear ring
- Trioform auger knives short
- Directly operated by tractor hydraulics

MODEL		2400L VLX-K-T	2800 VLX-K-T	3200 VLX-K-T
Discharge		Chain conveyor at front		
Capacity	m³/cu.ft	24/860	28/1,000	32/1,150
Overall length	m/Inch	8,13/320"	8,20/323"	8,63/340"
Width excl. conveyor	m/Inch	2,68/105"	2,69/106"	2,80/110"
Width incl. conveyor	m/Inch	2,98/117"	2,95/116"	2,98/117"
Overall height	m/Inch	3,00/118"	3,42/135"	3,44/135"
Track width outside wheels	m/Inch	2,00/79"	2,20/87"	2,20/87"
Discharge height*	m/Inch	0,88/35"	1,05/41"	1,05/41"
Width of chain conveyor	m/Inch	1,00/40"	1,00/40"	1,00/40"
Net weight	kg/Lbs	9,650/21,270	11,600/25,570	12,200/26,900
Maximum load	kg/Lbs	8,800/19,400	10,400/22,930	11,400/25,130
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		2 double acting valves		
* Top of chain				

Solomix 2 | 2400L-3200 | ZKX-T



Standard features

- 2 Heavy duty Twin stream augers with Trioform auger knives short
- 2 (2400L) or 4 (2800 / 3200) restrictor blades • Wear ring
- Wide-angle PTO-shaft with shearbolt (2400L / 2800 and machines with power shift) or with overload clutch (3200) (1 $\frac{3}{4}$ " -20 tractor connection)
- Adjustable and reversable drawbar for low connection with 45 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 • Hydraulic brake system with parking brake
- Flexible and spacious side door covers • Directly operated by tractor hydraulics
- Pre-mix rear door without activation kit standard on the models 2800 and 3200

MODEL		2400L ZKX-T	2800 ZKX-T	3200 ZKX-T
Discharge		Two side discharge doors at front		
Capacity	m³/cu.ft.	24/860	28/1,000	32/1,150
Overall length	m/Inch	7,37/290"	7,50/295"	7,93/312"
Overall width	m/Inch	2,74/108"	2,75/108"	2,95/116"
Overall height	m/Inch	3,00/118"	3,42/135"	3,44/135"
Track width outside wheels	m/Inch	2,00/79"	2,20/87"	2,20/87"
Discharge height*	m/Inch	1,02/40"	1,18/46"	1,18/46"
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	10,000/22,050	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 (1¼"-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 Twin stream augers with Trioform auger knives short
- 540 RPM drive line • 2 restrictor blades
- Tandem axle with 4 single wheels • Wear ring
- 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 reversable drawbar for low connection with 45 mm drawbar eye or clevis
- Manual adjustable discharge chutes
- Flexible and spacious side door covers • Directly operated by tractor hydraulics
- Hydraulic brake system with parking brake

MODEL		3000 ZK-T
Discharge		Two side discharge doors at front
Capacity	m ³ /cu.ft.	30/1,075
Overall length	m/Inch	9,17/361"
Overall width	m/Inch	2,44/96"
Overall height	m/Inch	3,28/129"
Track width outside wheels	m/Inch	2,05/81"
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	10,050/22,160
Maximum Load	kg/Lbs	12,000/26,460
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 Twin Stream auger
- 540 RPM driveline
- 2 Restrictor blades
- Wide-angle PTO shaft with 1€" -6 profile
- Adjustable and reversable drawbar with 45 mm drawbar eye (European standard) or clevis
- 2,44m/96" long cross conveyor belt at front for VLH-B-T
- 2,44m/96" long chain conveyor at front for VLH-K-T
- 2,54m/100" long curved cross chain conveyor at front with 35cm/14" side shift to both sides VLH-C-T
- Walking tandem axle with large single wheels
- Trioform auger knives short
- Wear ring
- Bowden cable control
- Hydraulic brake system

MODEL

		Belt	Chain	Curved chain
Discharge		30/1,075	30/1,075	30/1,075
Capacity	m³.cu.ft.	8,66/341"	8,66/341"	8,66/341"
Overall length	m/Inch	2,44/96"	2,44/96"	2,54/100"
Overall width	m/Inch	3,28/129"	3,28/129"	3,28/129"
Overall height	m/Inch	2,05/81"	2,05/81"	2,05/81"
Track width outside wheels	m/Inch	2,44/96"	2,44/96"	2,54/100"
Length of cross conveyor belt	m/Inch	0,92/36"	0,92/36"	1,23/48"
Discharge height (retracted)	m/Inch *	0,92/36"	0,92/36"	1,47/58"
Discharge height (side shifted)	m/Inch *	0,75/30"	0,75/30"	1,06/42"
Height bottom of chain (retracted)	m/Inch	0,75/30"	0,75/30"	1,30/51"
Height bottom of chain (side shifted)	m/Inch	0,75/30"	0,66/26"	0,60/24"
Width of cross chain conveyor	m/Inch	10,200/22,490	10,200/22,490	10,200/22,490
Net weight kg/Lbs		12,000/26,460	12,000/26,460	12,000/26,460
Maximum Load kg/Lbs		8	8	8
Number of auger knife positions		5	5	5
Number of knives mounted per auger		540	540	540
PTO Drive		130 (95)	130 (95)	130 (95)
Power requirement PTO	HP (kW)		435/50 R 19.5	
Wheels 4x		20 l/min., 170 bar / 5 gallons/min., 2,500 psi		
Required hydraulic capacity		1 single acting valve		
Required tractor hydraulics				
* Height of top of conveyor				

Solomix 3 | 3600-4600 | VLX-B-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
- Wide cross conveyor belt at front (L=2,90m/114") for discharge at both sides, RHS or LHS
- Wide angle PTO-shaft with overload clutch (1¾"-20 tractor connection)
- Walkin 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-TRW	
Discharge			Cross conveyor belt at front			
Capacity	m³/cu.ft.	36/1,285	40/1,415	46/1,650	46/1,650	
Overall length	m/Inch	9,98/393"	10,60/417"	10,60/417"	10,86/428"	
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	3,35/132"	3,20/126"	3,58/141"	3,49/137"	
Track width outside wheels	m/Inch	2,31/91"	2,31/91"	2,45/96"	2,23/88"	
Discharge height*	m/Inch	0,92/36"	0,96/38"	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	14,500/31,970	15,600/34,390	16,900/37,260	17,400/38,360	
Maximum Load	kg/Lbs	15,500/34,170	14,400/31,750	18,100/39,900	17,600/38,800	
Number of auger knife positions		10	10	12	12	
Number of knives mounted per auger		7	7	9	9	
PTO Drive (1¾"-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 | 3600-4600 | 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 overload clutch (1 3/4"-20 tractor connection)
- Walkin 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	m³/cu.ft.	36/1,285	40/1,415	46/1,650	46/1,650
Overall length	m/Inch	9,98/393"	10,60/417"	10,60/417"	10,86/428"
Overall width (2,9m/114" conveyor)	m/Inch	2,90/114"	2,97/117"	2,97/117"	2,97/117"
Overall width (2,3m/91" conveyor)	m/Inch	2,66/105"	2,97/117"	2,97/117"	2,97/117"
Overall height	m/Inch	3,35/132"	3,20/126"	3,58/141"	3,49/137"
Track width outside wheels	m/Inch	2,31/91"	2,31/91"	2,45/96"	2,23/88"
Discharge height*	m/Inch	0,92/36"	0,96/38"	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	14,500/31,970	15,600/34,390	16,900/37,260	17,400/38,360
Maximum Load	kg/Lbs	15,500/34,170	14,400/31,750	18,100/39,900	17,600/38,800
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
- Premix rear door without activation kit standard
- Wide angle PTO-shaft with overload clutch (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	m³/cu.ft.	36/1,285	40/1,415	46/1,650	46/1,650	52/1,860
Overall length	m/Inch	9,30/366"	9,98/393"	9,98/393"	10,00/394"	10,63/419"
Overall width	m/Inch	2,66/105"	2,97/117"	2,97/117"	2,97/117"	2,97/117"
Overall height	m/Inch	3,30/130"	3,20/126"	3,58/141"	3,53/139"	3,52/139"
Track width outside wheels	m/Inch	2,31/91"	2,31/91"	2,45/96"	2,24/88"	2,60/102"
Discharge height*	m/Inch	1,07/42"	1,07/42"	1,23/48"	1,08/43"	1,20/47"
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	13,000/28,660	14,100/31,080	15,400/33,950	15,900/35,050	20,500/45,190
Maximum Load	kg/Lbs	17,000/37,480	15,900/35,050	19,600/43,210	19,100/42,110	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 (1¼"-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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Trioliet Mullos BV

Hinmanweg 19
7575 BE Oldenzaal

P.O. Box 134
7570 AC Oldenzaal
The Netherlands

T 0031 - 541 57 21 21
F 0031 - 541 57 21 25

info@trioliet.com
www.trioliet.com

WWW.TRIOLIET.COM

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