

# COMPANY PROFILE



## COMPANY PROFILE

Trioliet. Invents for you.



Trioliet feeding technology | since 1950



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FEEDING TECHNOLOGY



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## Trioliet. Invents for you!

Trioliet is a leading Dutch company engaged in the development, production and marketing of machines and systems for feeding dairy and beef at modern, professional farms. This position is based on 65 years of experience in (silage) feeding technology. Listening to the wishes and requirements of the dairy and beef farmer enables us to offer made-to-measure solutions, anywhere in the world. Not surprising therefore, that today Trioliet exports well over 80% of its machines to more than 50 countries worldwide. Machines for silagecutting, loading, mixing and feeding.

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## The product

Trioliet is continuously working on new developments, new technologies and new techniques. Working method and ease of operation of the machines are all-important. From silage block cutters to self-loading mixer feeders. Machines are developed and extensively tested at our experimental farms to be able to offer optimum, fitting solutions for the ever-changing requirements and wishes of the professional dairy and beef farmer.



# Trioliet Green Label



## Trioliet Green Label

Trioliet regards sustainability as of the highest importance. We want to contribute to a better environment for both people and animals. The population of the world is increasing, with a growing demand for dairy products, so it is ever more important that we should be conscious of our environment. We have patented a number of inventions that make our machines not only safer and more user-friendly, but also durable and economical.

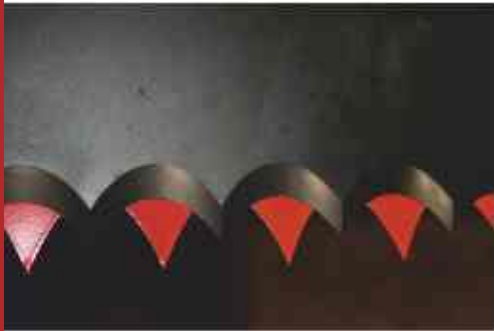
The following inventions contribute to a greener, more sustainable world:

### 1. Cutting system

The unique Trioliet cutting system requires less energy than, for example, a shredder. Furthermore, it produces a smooth, sealed silage face which reduces secondary fermentation and over heating. This maintains the optimum feeding quality of the silage due to reduced wastage at the silage face. The machine requires less fuel because the cutting system provides optimal cutting strength with relatively low power. The structure of the feed remains intact leading to better utilisation of the feed and less wastage. The TU silage cutter, the self-loading UKW feeder, Silobuster and Masterbuster, the self-loading mixer feeders Gigant and Triomix (P), the self-propelled Smartrac and Triotrac and the Triomatic automatic feeding system are equipped with a cutting system and are therefore assigned the Green label.

### 2. Self-propelled mixer feeders

Research has shown that the fuel consumption of the Smartrac self-propelled mixer feeder is exceptionally low. Due to the fact the mixer feeders are equipped with the Trioliet cutting system with a low power consumption, the self-propelled feeders are equipped with a light motor. A motor with 84 hp/62 kW for the Smartrac and 168 hp/120 kW for the Triotrac is sufficient for operation.





### 3. Shifttronic 2/3 speed

The Shifttronic makes it possible for the heavier machines (→18m<sup>3</sup>) to be driven by lighter tractors. The Shifttronic switches automatically to the most appropriate mixing speed. This prevents overloading in the drive line of the mixer feeder and of the power take off of the tractor, and requires less power.

### 4. Spray unit

The spray unit with water tank can be installed on the straw blower unit. The spray unit moistens the straw so that less dust gets out into the air. Cleaner air for both people and animals. The Solomix P therefore qualifies for the Green label.

### 5. Triomatic automatic feeding system

In many ways, the Triomatic automatic feeding system contributes to a cleaner, healthier environment for both humans and animals. Not only is it equipped with the Trioliet cutting system, it also consumes less power and no tractor needs to drive through the stable with dirty tyres, unhealthy exhaust gases and a high fuel consumption. Furthermore, the stable is kept quieter as the cattle are offered feed several times a day. Thanks to this higher feeding frequency and the freshness of the feed, the cows are able to absorb more nutrients from the feed. More regular and structured feeding leads to better digestion and rumen function among the cows. Due to its low energy consumption and a healthier livestock, the Triomatic can also be counted among Trioliet's green products. It goes without saying that we undertake continuous development and innovation with consideration for the animals, the environment and the farmer!





## Trioliet cutting systems

The cutting system, mounted on all self-loading Trioliet machines, is characterised by very basic technique and a high cutting capacity. Both the moving cutting blades and the fixed blades are made of high-quality, fully hardened stainless steel. The identically shaped and deep teeth of the blades form a favourable cutting angle which guarantees an optimum cutting result and a long life under all conditions. With the direct cutting blade drive, without transmission parts, the system requires little maintenance and is highly reliable. Independent of the tractor pump capacity, the hydraulic system can automatically generate a very high-pressure to cut even extremely compact clamps. For less compact silage clamps a bypass line will be opened to provide additional cutting speed. The system is also well capable in cutting bales. More simple and faster is the fixed single knife cutting system with two sturdy pushing main cylinders with electric control system. This system requires a feeding concept with high amounts of clamp silage.

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## **Trioliet cutting-loading system: smooth and clean silage face and less spillage.**

The Trioliet cutting-loading system ensures a excellent loading capacity with low horsepower requirement and preservation of feed structure. What is left after cutting and loading is a smooth, extremely clean silage face. The silage face is completely intact, and as the structure is left undamaged, it is impervious to overheating or any other type of silage spoiling.



## Complete uitdosering/uitdoseervarianten

Hoe uw bedrijfssituatie ook is, Trioliet kan u een passende machine leveren die het uit te doseren voer te allen tijde compleet, op de juiste plaats en in de juiste hoeveelheid voor uw koeien uitdoseert.

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## Solomix uitdoseervarianten

VL = Voorlossend  
L = Lage uitdoseerunit  
B = Kunststof transportband  
C = Gecurvde transportketting

H = Hoge uitdoseerunit  
X = Heavy duty uitvoering met bredere uitdoseerunit  
K = Transportketting  
S = Verstelbare opvoerketting  
ZK = Zijlossende doseerklep

### Onderstel

T = Pendelend tandemstel (optioneel gestuurd)  
TR = Gestuurd en geveerd tridemstel







2810 V



3610 V



CC 400 View



Trioliet weighcell

## Electronic weighing system

The Trioliet electronic weighing system comes as standard with three sturdy weighcells for maximum stability. Each weighcell has two sets of strain gauges. So each weighcell measures two values and then the average is calculated. The stable, thick weighcells are not sensitive to peak loads during driving. The gold-plated contacts ensure a high operational reliability, even under the most extreme conditions. The digital weight indicator is placed in an impact-resistant, watertight housing.

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## Trioliet Feed Management system for optimum feeding

TFM Tracker is a full-featured Windows® based feed management system. TFM Tracker also offers operators additional management tools including: operator control, pen review, online feed data exchange with nutritionists, ingredient tracking and numerous reports. TFM Tracker is an indispensable management tool for forward thinking operators! Simply enter your feed ingredients, rations, production groups, and mixer information in your TFM Tracker software. RF DataLink (wireless) or a USB memory device is used to transfer feeding instructions to the indicator on the TFM mixer. The indicator displays the ingredients to be loaded, their weight, as well as the corresponding pen information. During feeding, the actual weights of loaded ingredients and fed ration are saved and returned via DataLink™ or USB. TFM Tracker™ software generates various detailed reports, tables and graphs.



# What makes Trioliet mixers special?

## 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.



## Perfect view

The wide observation window at front of the mixing chamber ensures a perfect view at the mixing process. This observation window is not available on Solomix 1 500 ZK.

## 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.

## 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.



### 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.

### Special 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 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 St. 52.

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

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

### Many tire options

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.

### 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. Truckmount and twin auger stationary mixers have a 4-point weighing system. 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.

### St. 52

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



# Gigant 500 - 900



Selfloading mixerfeeder with hydraulic cutting knife

## Standard features

- ▲ 1 auger
- ▲ Trioform auger knives
- ▲ Constant velocity PTO-shaft
- ▲ Loading arm with u-form hydraulic cutting system (model M)
- ▲ Also available with grab system (model 500 K)
- ▲ Fix drawbar for topconnection
- ▲ 2 wheels
- ▲ 2 side doors
- ▲ Electric operation



Gigant 500

Models	500 M/K	700 M	900 M
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Discharge			2 side doors	
Capacity	m <sup>3</sup> .	5	7	9
Length	m.	4.00	4.63	4.83
Width	m.	2.15	2.28	2.48
Height	m.	2.20	2.61	2.76
Trackwidth	m.	1.93	2.13	2.18
Maximum cutting height*	m.	3.50	3.90	4.30
Height in fully lifted position	m.	2.42	2.60	2.75
Width of cutting/grab unit	m.	1.23	1.23	1.23
Discharge height	m.	0.55	0.70	0.70
Net Weight	kg.	2.500	3.500	3.750
Minimum Horsepower	kW/HP	35/48	45/62	50/68
Number of auger knife positions		5	6	6
Number of knives mounted per auger		3	4	4
Tires (2 x)		6.50 x 10 12 Ply	10.0/75-15.3 18 Ply	
Required hydraulic capacity		25 ltr./min. 170 bar		
Tractor hydraulic requirements		1 single acting valve		
* In fully lifted position				

### Options

- Electronic weighing system
- Hydraulic weighing system
- Hydraulic brakes
- Lights
- Rubber side-door covers
- Hydraulic support
- Auger knife long
- Auger knife TC coating
- Long Life auger



# Vertifeed 1000-1200

Selfloading mixer feeder

## Standard features

- ▲ 1 auger
- ▲ Trioform auger knives
- ▲ 1 restrictor-blade
- ▲ Constant velocity PTO-shaft
- ▲ Loading platform
- ▲ Adjustable drawbar
- ▲ Front conveyor belt
- ▲ 2 large single wheels
- ▲ Control by bowden cable



Unequalled loading capacity.



Special rollers underneath the loading platform prevent unnecessary wear to the platform.

16 | 17

Models	1000	1200
Discharge		Conveyor belt at front
Capacity	m <sup>3</sup> . 10	12
Length	m. 5.30	5.30
Width	m. 2.47	2.47
Height	m. 2.62	2.94
Trackwidth	m. 1.92	1.92
Discharge height	m. 0.52	0.52
Discharge height with belt extension	m. 0.74	0.74
Width of U-shaped loading platform	m. 2.20	2.20
Net Weight	kg. 4.450	4.750
Maximum load	kg. 4.000	4.500
Minimum Horsepower	kW/HP 55/75	60/82
Number of auger knife positions	9	10
Number of knives mounted per auger	6	7
Tires (2 x)		295/60 R 22.5
Required hydraulic capacity		25 ltr./min. 170 bar
Tractor hydraulic requirements		1 single acting valve

### Options

- Electronic weighing system
- Hydraulic brakes
- Cross conveyor belt extension
- Reduction gearbox
- Cleaning brush on loading board
- Auger knife long
- Electric operation
- Lighting set
- Long Life auger
- Hydraulic restrictor blade
- Speed regulator cross conveyor belt
- Hydraulic support

# Triomix 1 800-1200



Selfloading mixer feeder with hydraulic cutting knife

## Standard features

- ▲ 1 auger
- ▲ Trioform auger knives
- ▲ 1 restrictor-blade
- ▲ Constant velocity PTO-shaft
- ▲ Adjustable drawbar
- ▲ Front conveyor belt
- ▲ 2 large single wheels
- ▲ U-form frame with hydraulic cutting knives
- ▲ Sealing brush at loading board
- ▲ Hydraulic loading system
- ▲ Electric operation
- ▲ Hydraulic brake system



Extremely clean silage face. The silage face is completely intact, and as the structure is left undamaged, it is impervious to overheating or any other type of silage spoiling.



A smooth, extremely clean silage face cut out perfectly to the bottom.

Models	800	1000	1200
Discharge		Conveyor belt at front	
Capacity m <sup>3</sup> .	8	10	12
Length m.	5.02	5.22	5.22
Width m.	2.40	2.60	2.60
Height m.	2.82	2.82	2.99
Height with lowered cutting frame m.	2.66	2.66	2.95
Trackwidth m.	2.00	2.00	2.00
Maximum cutting height m.	3.15	3.15	3.60
Width of U-shaped cutting plate m.	2.04	2.24	2.24
Discharge height m.	0.50	0.50	0.50
Discharge height with belt extension m.	0.70	0.70	0.70
Net Weight kg.	5.485	5.840	6.090
Maximum load kg.	3.500	4.000	4.500
Minimum Horsepower kW/HP	50/68	55/75	60/82
Number of auger knife positions	8	9	9
Number of knives mounted per auger	5	6	6
Tires (2 x)	285/70 R 19.5	295/60 R 22.5	
Required hydraulic capacity	25 ltr./min. 170 bar		
Tractor hydraulic requirements	1 single acting valve		
Options	<ul style="list-style-type: none"> <li>• Hydraulic brakes</li> <li>• Cleaning brush on loading board</li> <li>• Lighting set</li> <li>• Speed regulator cross conveyor belt</li> </ul>	<ul style="list-style-type: none"> <li>• Cross conveyor belt extension</li> <li>• Auger knife long</li> <li>• Auger knife TC coating</li> <li>• Long Life auger</li> </ul>	
<ul style="list-style-type: none"> <li>• Electronic weighing system</li> <li>• Reduction gearbox</li> <li>• Hydraulic restrictor blade</li> <li>• Hydraulic support</li> </ul>			

# Triomix (P)1 1200 AL



Selfloading mixer feeder (with straw bedder in front)

## Standard features

- ▲ One vertical Twin Stream auger with short Trioform knives
- ▲ 1 Restrictor blade
- ▲ Wide angle PTO-shaft
- ▲ U-form frame with hydraulic cutting knife system
- ▲ Hydraulic loading system
- ▲ Electric operation
- ▲ Adjustable and reversible drawbar with 45 mm drawbar eye
- ▲ Cross conveyor belt behind the mixing tub
- ▲ Large dual wheels with hydraulic brakes
- ▲ Wear ring
- ▲ Sealing brush at loading board
- ▲ The Triomix P1 1200 AL also consists of a straw bedder:
- ▲ Mechanically driven (by V-belts) straw bedder at front
- ▲ Low blower pipe for spreading width up to 25m



Models	1200	P 1200
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Discharge Capacity	m <sup>3</sup>	12	Cross conveyor belt on the back side	12
Overall length	m	5.61	Overall length	5.61
Overall width	m	2.61	Overall width	2.61
Overall height	m	3,11	Overall height	3.11
Minimum height	m	3.10	Minimum height	3.10
Track width outside wheels	m	2.15	Track width outside wheels	2.15
Maximum cutting height	m	3.55	Maximum cutting height	3.55
Width of cutting system	m	2.25	Width of cutting system	2.25
Discharge height	m	0.76	Discharge height	0.76
Net weight	kg	7.700	Net weight	7.700
Maximum load	kg	3.800	Maximum load	3.800
PTO Drive		540	PTO Drive	540
Number of auger knife positions		9	Number of auger knife positions	9
Number of knives mounted per auger		6	Number of knives mounted per auger	6
Power requirement PTO	kWHP	60/82	Power requirement PTO	60/82
Wheels (4 st.)		235/75 R 17.5	Wheels (4 st.)	235/75 R 17.5
Required hydraulic capacity		25 l/min., 170 bar		
Required tractor hydraulics		1 single acting valve		

### Options

- Pneumatic brakes
- Electronic weighing system
- Reduction gearbox
- Hydraulic jack
- Drawbar with offset
- Lights
- Trioform auger knife long
- Speed regulator of conveyor belt
- High blower ( + 300mm)
- Dust control with 100ltr water tank
- Long Life auger



# Triomix 2 1200-1600



Selfloading mixer feeder with hydraulic cutting knife

## Standard features

- ▲ 2 augers
- ▲ Trioform auger knives
- ▲ 1 restrictor-blade
- ▲ Constant velocity PTO-shaft
- ▲ Adjustable drawbar
- ▲ Front conveyor belt
- ▲ 4 large single wheels
- ▲ U-form frame with hydraulic cutting knives
- ▲ Hydraulic loading system
- ▲ Tandem axle
- ▲ Electric operation
- ▲ Hydraulic brake system



Electric operation as a standard feature.



### Models

1200

1600

		1200	1600
Discharge			Conveyor belt at front
Capacity	m <sup>3</sup> .	12	16
Length	m.	6.48	7.49
Width	m.	2.25	2.66
Height	m.	2.73	2.83
Height with lowered cutting frame	m.	2.70	2.70
Trackwidth	m.	1.69	1.88
Maximum cutting height	m.	4.00	4.00
Width of U-shaped cutting plate	m.	1.84	2.20
Discharge height	m.	0.75	0.93
Net Weight	kg.	8.380	10.100
Maximum load	kg.	5.000	8.000
Minimum Horsepower	kW/HP	58/79	82/112
Number of auger knife positions		7	8
Number of knives mounted per auger		4	5
Tires (4 x)		235/75- R 17.5	435/50- R 19.5
Required hydraulic capacity		30 ltr./min. 170 bar	
Tractor hydraulic requirements		1 single acting valve	

### Options

- Electronic weighing system
- Reduction gearbox
- Hydraulic restrictor blade
- Hydraulic support
- Pneumatic brake-system
- Cleaning brush on loading board
- Lighting set
- Speed regulator cross conveyor belt
- Cross conveyor belt extension
- Auger knife long
- Auger knife TC coating
- Long Life augers



# Triomix S1 800-1200



Selfloading mixer feeder with fix fixed cutting knife

## Standard features

- ▲ 1 auger
- ▲ Trioform auger knives
- ▲ 1 restrictor-blade
- ▲ Fix exchangeable stainless knives in U-form
- ▲ Cutting by hydraulic pressure
- ▲ Hydraulic loading system
- ▲ Adjustable drawbar
- ▲ Front conveyor belt
- ▲ 2 large single wheels
- ▲ Cleaning brush on loading board
- ▲ Electric operation
- ▲ Hydraulic brake system



Compact design.



Fixed cutting knife.

Models	800	1000	1200
Discharge			Conveyor belt at front
Capacity	m <sup>3</sup> . 8	10	12
Length	m. 5.02	5.20	5.20
Width	m. 2.45	2.65	2.65
Height	m. 2.77	2.77	3.09
Height with lowered cutting frame	m. 2.66	2.66	2.95
Trackwidth	m. 2.00	2.00	2.00
Maximum cutting height	m. 2.90	2.90	3.70
Width of U-shaped cutting plate	m. 2.04	2.24	2.24
Discharge height	m. 0.50	0.50	0.50
Discharge height with belt extension	m. 0.70	0.70	0.70
Net Weight	kg. 5.710	6.065	6.365
Maximum load	kg. 3.750	3.750	4.500
Minimum Horsepower	kW/HP 50/68	55/75	60/82
Number of auger knife positions	8	9	9
Number of knives mounted per auger	5	6	6
Tires (2 x)		295/60 R 22.5	
Required hydraulic capacity		25 ltr./min. 170 bar	
Tractor hydraulic requirements		1 single acting valve	
Options	<ul style="list-style-type: none"> <li>• Hydraulic brakes</li> <li>• Lighting set</li> <li>• Speed regulator cross conveyor belt</li> <li>• Cross conveyor belt extension</li> </ul>	<ul style="list-style-type: none"> <li>• Auger knife long</li> <li>• Auger knife TC coating</li> <li>• Long Life auger</li> </ul>	

# Smartrac G 1000-1200



Self-propelled mixer feeder with cutting-loading system

## Standard features

- ▲ Mechanical drive with two-speed powershift forward and electro hydraulic reverse
- ▲ U-formed high capacity cutting frame
- ▲ Telescopic cutting frame for cutting height up to 4,5 meter
- ▲ Mechanical two-speed auger drive, 24 and 46 RPM
- ▲ Twin Stream vertical mixing auger with Trioform auger knives
- ▲ Lights
- ▲ Cross conveyor belt for discharge to both sides left and right
- ▲ 180° turnable operator seat for optimum view during loading
- ▲ 4-cylinder JCB engine 62 kW (84hp)
- ▲ Comfortabel cabin with heating, radio preparation and wind screen wipers front and rear
- ▲ Working lights all around (9x)
- ▲ Electrically adjustable and heated mirrors



Models

1000

1200

		1000	1200
Discharge			Conveyor belt at front
Capacity	m <sup>3</sup>	10	12
Length	m	7.60	7.60
Width	m	2.55	2.55
Height	m	2.70	3.00
Trackwidth (front)	m	2.42	2.42
Trackwidth (rear)	m	2.45	2.45
Distance between axles (front-rear)	m	4.11	4.11
Cutting height max.	m	4.50	4.50
Cutting width	m	1.45	1.45
Cutting depth max.	m	0.55	0.55
Discharge height	m	0.59	0.59
Engine (diesel) (by 2200 U/min)	kW	62 (84 HP)	62 (84 HP)
Number of auger knife positions		7	8
Number of knives mounted per auger		4	5
Max. speed	km/h	25	25
Tires (front)		385/65 R 22.5 (2 x)	385/65 R 22.5 (2 x)
Tires (rear)		295/60 R 22.5 (2 x)	295/60 R 22.5 (2 x)
Capacity of fuel tank	Ltr.	140	140

### Options

- Electronic weighing system
- Climat control
- Feed push system
- Side shift for cross conveyor belt
- Flat cross conveyor chain (VLH-K)
- Curved front cross conveyor (VLH-C)
- Radio
- Camera system
- Long Life auger

# Smartrac T/TS 1000-1200



Self propelled and self loading mixer wagon

## Standard features

- ▲ Mechanical drive with two-speed powershift forward and electro hydraulic reverse
- ▲ U-formed high capacity cutting frame, with moving knives (T) or fixed knife (TS)
- ▲ Stable load frame for cutting height up to 3,7 meter (depending on the type)
- ▲ Mechanical two-speed auger drive, 24 and 46 RPM
- ▲ Twin Stream vertical mixing auger with Trioform auger knives
- ▲ Cross conveyor belt for discharge to both sides left and right
- ▲ 180° turnable operator seat for optimum view during loading
- ▲ 4-cylinder JCB engine 62 kW (84hp)
- ▲ Comfortabel cabin with heating, radio preparation and wind screen wipers front and rear
- ▲ Lights
- ▲ Working lights all around (9x)
- ▲ Electrically adjustable and heated mirrors



Smartrac TS



Smartrac T

Models		T1000	T1200	TS1000	TS1200
	Loading system	Moving knives		Fixed knives	
	Capacity m <sup>3</sup>	10	12	10	12
	Overall length m	7.25	7.24	7.24	7.24
	Overall width m	2.58	2.57	2.55	2.55
	Overall height m	2.82	3.09	2.82	3.09
	Clearance (min.) m	2.71	3.00	2.71	3.00
	Track width outside wheels front m	2.41	2.41	2.41	2.41
	Track width outside wheels rear m	2.00	2.00	2.00	2.00
	Wheel base m	3.84	3.84	3.84	3.84
	Cutting height max. m	3.14	3.60	2.90	3.70
	Cutting width m	2.24	2.24	2.24	2.24
	Cutting depth total m	0.55	0.55	0.55	0.55
	Discharge height cross conveyor belt m	0.58	0.58	0.58	0.58
	Engine power kW	62 (84 HP)	62 (84 HP)	62 (84 HP)	62 (84 HP)
	Number of auger knife positions	9	9	9	9
	Number of auger knives mounted ex. works	6	6	6	6
	Max. speed km/h	25	25	25	25
	Tires front	385/65 R 22.5 (2 x)		385/65 R 22.5 (2 x)	
	Tires rear	295/60 R 22.5 (2 x)		295/60 R 22.5 (2 x)	
	Weight kg	9.400	9.700	9.700	10.000
	Maximum load kg	5.100	5.800	4.800	5.500
	Fuel tank capacity Ltr.	140	140	140	140

### Options

- Electronic weighing system
- Larger engine 68kW (92hp)
- Engine heating 230V
- Feed pushing system
- Air conditioning
- Hydraulic counter knives
- Radio
- Air suspension seat
- Camera system
- Speed regulation cross conveyor belt
- Long Life auger



# Triotrac 1700-2400



Self propelled mixer feeder with a telescopic cutting and loading system **NEW EDITION**

## Standard features

- ▲ Optimally formed mixing chamber with two hydraulically driven vertical Twin Stream augers with variable speed
- ▲ 1,85m width cutting frame (U-shape) with a transport roller
- ▲ Telescopic loading system with automatic cutting curve correction for smooth silos without undercutting
- ▲ 1,85m width belt conveyor with variable speed regulation
- ▲ In height adjustable cabin
- ▲ Reverse camera
- ▲ Hydrostatic drive with powershift transmission for ECOdrive during transport and superior traction during farm yard mode
- ▲ Hydraulic suspension on front axle and parabola sprung suspension on rear axle
- ▲ Optional a third axle for reduced load on the ground and pavement preservation
- ▲ Four wheel drive and four wheel steering with limited slip differential in front- and rear axle
- ▲ JCB Power Systems 4-cylindre Common-rail diesel engine with 120kW (163PS)
- ▲ Reverse alarm signal



Models		1700	2000	2400
	Discharge		Conveyor belt at front	
	Capacity	m <sup>3</sup> 17	20	24
	Overall length	m 9.70	10.20	10.25
	Overall width	m 2.44	2.44	2.44
	Overall height	m 2.95	2.95	3.30
	Track width outside wheels	m 2.38	2.38	2.38
	Wheel base	m 5.25	5.25	5.25
	Cutting height (max.)	m 6.00	6.00	6.00
	Cutting width	m 1.85	1.85	1.85
	Cutting depth	m 0.35	0.35	0.35
	Discharge height	m 1.08	1.08	1.08
	Turning circle standard	m 7.20	7.20	7.20
	Tires (4 x)	435/50 R 19.5	435/50 R 19.5	435/50 R 19.5
	Diesel engine	kW 120 (163 HP)	120 (163 HP)	120 (163 HP)
	Number of cilinders	4	4	4
	Diesel tank capacity	ltr 275	275	275
	Speed in farm yard mode	km/h 0-20	0-20	0-20
	Max. slope in low gear	% 30	30	30
	Speed in transport mode	km/h 0-40	0-40	0-40
	Max. slope in transport mode	% 5	5	5

### Options

- Engine heating 230V
- Hydraulic oil heating 230V
- Extra (steering) wheelaxle, load dependent switchable
- Hydraulic counter knives (2x)
- Stairs on back side of the machine
- Separate camera system
- Stand heater diesel for cabin
- Chain conveyor instead of standard
- Curved chain conveyor (VLC) with side shift
- Cross conveyor belt with side shift
- Chain conveyor with side shift
- Premix discharge door
- Two extra ZK side discharge doors on left and right side
- Long Life augers



# Triotrac 1700-2400



Self propelled mixer feeder with a telescopic cutting and loading system **NEW EDITION**

## Standard features (Continuation)

- ▲ Clean fix automatic engine cooler with temperature-dependent controller and radiator cleaning system
- ▲ A cross belt conveyor for discharging in front of the mixing chamber for VL models and behind the mixing chamber for AL models
- ▲ A programmable weighing system (Triotronic 7600T)
- ▲ Screen wiper on front and rear screen
- ▲ Electrically adjustable and heated mirrors
- ▲ Comfortable cabin with folding sidewindow, climate control (heating) and air conditioning, radio, screen wipers all around
- ▲ Joystick operation, programmable load- and dischargemodes (to preset machinefunctions for different ingredients, rations and different stables)
- ▲ I-Control takes care of the hydraulic systems automatically and load dependent
- ▲ Lighting set for road transport
- ▲ Work lights all around
- ▲ Cruise Control
- ▲ Trioform auger knives



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# Solomix 1 800 - 1000L VLH-B

Heavy Duty mixer feeder

## Standard features

- ▲ 1 auger
- ▲ Trioform auger knives
- ▲ 2 restrictor-blades
- ▲ Constant velocity PTO-shaft
- ▲ Wear ring
- ▲ Low drawbar
- ▲ Front conveyor belt
- ▲ 2 wide wheels
- ▲ Control by bowden-cable
- ▲ Hydraulic brakes



Cross conveyor belt at the back of the machine as an option.

### Models

### 800 VLH-B

### 1000 VLH-B

### 1000L VLH-B

		800 VLH-B	1000 VLH-B	1000L VLH-B
Discharge			Conveyor belt at front	
Capacity	m <sup>3</sup>	8	10	10
Overall length	m	4.74	4.82	4.99
Width	m	2.30	2.30	2.45
Overall height	m	2.50	2.78	2.49
Width outside wheels	m	1.91	1.91	2.11
Discharge height	m	0.75	0.74	0.74
Net weight	kg	3.540	3.740	3.450
Maximum load	kg	3.500	4.000	4.500
Number of auger knife positions		8	9	9
Number of knives mounted per auger		5	6	6
Power requirement PTO	kW/HP	48/66	50/68	55/75
Tires (2 x)			400/45 L 17.5	
Required hydraulic capacity			20 ltr./min., 170 bar	
Tractor hydraulic requirements			1 single acting valve	

### Options

- Electronic weighing system
- Electric operation
- Hydraulic restrictor blades
- Hydraulic support
- Reduction gearbox
- Hay ring
- Lights
- Mineral chute
- Cross conveyor belt at the rear (model ALH-B)
- Speedregulator conveyor belt
- Auger knife long
- Long Life auger

# Solomix 1 1200 - 1400 VLH-B

Heavy Duty mixer feeder



Belt conveyor extension as an option.

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Models	1200 VLH-B	1400 VLH-B
Discharge		Conveyor belt at front
Capacity	m <sup>3</sup> . 12	14
Overall length	m. 4.87	5.16
Width	m. 2.46	2.45
Overall height	m. 2.94	3.02
Width outside wheels	m. 1.91	2.11
Discharge height	m. 0.74	0.74
Net weight	Kg. 4.050	4.550
Maximum load	Kg. 4.500	5.000
Number of auger knife positions	10	12
Number of knives mounted per auger	7	9
Power requirement PTO	kW/HP 55/75	60/82
Tires (2 x)		400/45 L 17.5
PTO Drive		540 RPM
Scale system		3-point
Required hydraulic capacity		20 ltr./min. 170 bar
Required tractor hydraulic		1 single acting valve



# Solomix 1 800-1400 (L) VLH-K

Heavy Duty mixer feeder

## Standard features

- ▲ 1 Twin Stream auger
- ▲ Trioform auger knives
- ▲ 2 restrictor blades
- ▲ Adjustable and reversible drawbar for top connection with 45 mm drawbar eye (European standard)
- ▲ Wide-angle PTO shaft
- ▲ Flat chain conveyor at the front
- ▲ Two wide single wheels
- ▲ Control by bowden cable
- ▲ Wear ring
- ▲ Hydraulic brakes



Models		800 VLH-K	1000 VLH-K	1000L VLH-K	1200 VLH-K	1400 VLH-K
Discharge						
Capacity	m <sup>3</sup> .	8	10	10	12	14
Overall length	m.	4.74	4.82	4.99	4.87	5.20
Width	m.	2.30	2.29	2.44	2.46	2.44
Overall height	m.	2.50	2.78	2.49	2.94	3.01
Width outside wheels	m.	1.91	1.91	2.11	1.91	2.10
Length chain conveyor	m.	2.30	2.30	2.44	2.30	2.44
Discharge height	m.	0.74	0.74	0.74	0.74	0.75
Height bottom of chain	m.	0.53	0.53	0.53	0.53	0.53
Net weight	kg.	3.540	3.740	3.450	4.050	4.540
Maximum load	kg.	3.500	4.000	4.500	4.500	5.000
Number of auger knife positions		8	9	9	10	12
Number of knives mounted per auger		5	6	6	7	9
PTO Drive		540	540	540	540	540
Power requirement PTO	kW/HP	48/66	50/68	55/75	55/75	60/82
Tires (2 x)		400/45 L17.5				
Required hydraulic capacity		20 ltr./min., 170 bar				
Tractor hydraulic requirements		2 double acting valves				

### Options

- Electronic weighing system
- Electric operation
- Hydraulic restrictor blades
- Hydraulic support
- Reduction gearbox
- Hay ring
- Lights
- Mineral chute
- Discharge chain with side shift
- Speedregulator conveyor belt
- Auger knife long
- Long Life auger



# Solomix 1 800 - 1400 (L) VLH - C

Mixer feeder with curved cross chain conveyor and side shift at front

## Standard features

- ▲ 1 Twin Stream auger
- ▲ Trioform auger knives
- ▲ 2 restrictor blades
- ▲ Wide-angle PTO shaft
- ▲ Adjustable and reversible drawbar for top connection with 45 mm drawbar eye (European standard)
- ▲ Two wide single wheels
- ▲ Control by bowden cable
- ▲ Curved cross chain conveyor at front L=2.30m with side shift 35cm RHS and 25 cm LHS, discharge RHS and LHS (800 / 1000 / 1200)
- ▲ Curved cross chain conveyor at front L=2.54m with side shift 35cm RHS and 35 cm LHS, discharge RHS and LHS (1000L / 1400)
- ▲ Wear ring
- ▲ Hydraulic brakes



Models		800 VLH-C	1000 VLH-C	1000L VLH-C	1200 VLH-C	1400 VLH-C
Discharge		Curved cross chain conveyor with side shift at front				
Capacity	m <sup>3</sup> .	8	10	10	12	14
Overall length	m.	4.74	4.82	4.99	4.87	5.16
Overall width	m.	2.30	2.30	2.54	2.46	2.54
Overall height	m.	2.50	2.78	2.49	2.94	3.02
Width outside wheels	m.	1.91	1.91	2.11	1.91	2.11
Lenght cross conveyor	m.	2.30	2.30	2.54	2.30	2.54
Discharge height (center position)	m.	0.99	0.99	1.06	0.99	1.06
Discharge height (side shifted)	m.	1.21	1.21	1.30	1.21	1.30
Height bottom of conveyor (center position)	m.	0.82	0.82	0.89	0.82	0.89
Height bottom of conveyor (side shifted)	m.	1.04	1.04	1.13	1.04	1.13
Net weight	kg.	3.540	3.740	3.450	4.050	4.540
Maximum load (techn.)	kg.	3.500	4.000	4.500	4.500	5.000
Number of auger knife positions		8	9	9	10	12
Number of knives mounted per auger		5	6	6	7	9
PTO Drive		540	540	540	540	540
Power requirement PTO	kW/HP	48/66	50/68	55/75	55/75	60/82
Tires (2 x)		400/45 L17.5				
Required hydraulic capacity		20 ltr./min. 170 bar				
Tractor hydraulic requirements		1 double acting valve				
Options		<ul style="list-style-type: none"> <li>• Lights</li> <li>• Off set clevis</li> <li>• Hay ring Steel or Rubber</li> <li>• Heavy Duty PTO shaft</li> </ul>	<ul style="list-style-type: none"> <li>• Auger knife long</li> <li>• Auger knife TC coating</li> <li>• Long Life auger</li> </ul>			

# Solomix 1 500-1000 ZK

Heavy Duty mixer feeder

NEW EDITION

## Standard features

- ▲ 1 auger
- ▲ Trioform auger knives
- ▲ 1 or 2 restrictor-blade(s)
- ▲ Constant velocity PTO-shaft
- ▲ Adjustable drawbar
- ▲ Wear ring
- ▲ 2 large side doors with rounded edges for better discharge
- ▲ Manual adjustable discharge chute
- ▲ Flexible and spacious side door covers
- ▲ 2 wide wheels
- ▲ Direct operation by tractor hydraulics
- ▲ Hydraulic brakes (not for 500 ZK)



Complete regular discharge by new type of discharge door and door covers.



Solomix 1, 500 ZK.

Models	500 ZK	700 ZK	800 ZK	900 ZK	1000 ZK
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Discharge	2 Side discharge doors				
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Capacity	m <sup>3</sup> .	5	7	8	9	10
Overall length	m.	4.23	4.32	4.52	4.43	4.61
Overall width	m.	2.18	2.30	2.47	2.30	2.46
Overall height	m.	2.15	2.40	2.50	2.77	2.78
Width outside wheels	m.	1.78	1.86	1.91	1.86	1.91
Discharge height*	m.	0.81	0.83	0.82	0.82	0.82
Net weight	kg.	1.900	2.430	3.290	2.670	3.490
Maximum load	kg.	2.200	2.500	3.500	3.000	4.000
Number of auger knife positions		5	7	8	8	9
Number of knives mounted per auger		4	4	5	5	6
Power requirement PTO	kW/HP	40/55	40/55	48/66	44/60	50/68
Tires (2x)		10.0/75-15.3	340/55-16	400/45 L	340/55-16	400/45 L
		18 Ply		17.5		17.5
PTO Drive				540 RPM		
Scale system				3-point		
Required hydraulic capacity				20 ltr./min. 170 bar		
Tractor hydraulic requirements				2 double acting valves		
* Without slide						

### Options

- |                               |                        |                            |
|-------------------------------|------------------------|----------------------------|
| • Electronic weighing system  | • Reduction gearbox    | • Lighting set             |
| • Electric operation          | • Hay ring             | • Mineral chute            |
| • Hydraulic restrictor blades | • Chain conveyor       | • Pivoting discharge chute |
| • Hydraulic support           | • Bowden cable control | • Long Life auger          |
|                               | • Auger knife long     |                            |

# Solomix 1 1000L-1400ZK

Heavy Duty mixer feeder

NEW EDITION



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Models	1000L ZK	1200 ZK	1200L ZK	1400 ZK
Discharge	2 Side discharge doors			
Capacity m <sup>3</sup> .	10	12	12	14
Overall length m.	4.77	4.68	4.85	4.93
Overall width m.	2.70	2.49	2.70	2.70
Overall height m.	2.49	2.97	2.77	3.02
Width outside wheels m.	2.11	1.91	2.11	2.11
Discharge height* m.	0.82	0.82	0.82	0.82
Net weight kg.	3.590	4.150	3.800	4.100
Maximum load kg.	4.500	4.500	4.500	5.000
Number of auger knife positions	9	9	10	12
Number of knives mounted per auger	6	6	7	9
Power requirement PTO kW/HP	55/75	55/75	60/82	60/82
Tires (2 x)	400/45 L 17.5			
PTO Drive	540 RPM			
Scale system	3-point			
Hydraulic power requirement	20 ltr./min. 170 bar			
Required tractor hydraulic	2 double acting valves			
* Without slide				



# Solomix 2 1000 - 1200 VLL-B

Professional mixer feeder twin auger

## Standard features

- ▲ 2 augers
- ▲ Trioform auger knives
- ▲ 2 restrictor-blades
- ▲ Constant velocity PTO-shaft
- ▲ Adjustable drawbar
- ▲ Front conveyor belt
- ▲ 2 large single wheels
- ▲ Control by bowden cable
- ▲ Wear ring
- ▲ Hydraulic brake system



Bowden cable operation as a standard feature.

Models	1000 VLL-B	1200 VLL-B
Discharge		Conveyor belt at front
Capacity	m <sup>3</sup> 10	12
Overall length	m 5.56	5.63
Width	m 2.15	2.15
Overall height	m 2.41	2.67
Width outside wheels	m 2.02	2.03
Discharge height	m 0.55	0.55
Net weight	kg 3.420	4.400
Maximum load	kg 4.000	4.500
Number of auger knife positions	6	7
Number of knives mounted per auger	3	4
Power requirement PTO	kW/HP 48/66	48/66
Tires (2 x)		315/80- 22.5 18 PR
Required hydraulic capacity		20 ltr./min. 170 bar
Required tractor hydraulic		1 single acting valve

### Options

- Electronic weighing system
- Hydraulic restrictor blades
- Reduction gearbox
- Hydraulic support
- Extension conveyor belt
- Electric operation
- Hay ring
- Lighting set
- Pneumatic brake set
- Mineral chute
- Auger knife long
- Long Life augers



# Solomix 2 1200L - 2000 VLL-B

Professional mixer feeder twin auger

NEW EDITION

## Standard features

- ▲ 2 Twin Stream augers
- ▲ 2 restrictor blades
- ▲ Wide-angle PTO shaft
- ▲ Adjustable and reversible drawbar
- ▲ 2 Large single wheels
- ▲ Control by bowden cable
- ▲ Wear ring
- ▲ Hydraulic brake system
- ▲ Trioform auger knives short
- ▲ Dual Flow
- ▲ Larger discharge door with rounded edges for better discharge
- ▲ Wide discharge unit (1m) with conveyor belt
- ▲ New stairs with platform and windows
- ▲ In height adjustable arm for weighing indicator
- ▲ Guidance of hydraulic hoses with storage possibility
- ▲ 2 Windows in discharge unit



Models		1200L VLL-B	1400 VLL-B	1600 VLL-B	1600L VLL-B	1800 VLL-B	2000 VLL-B
Discharge							
Capacity	m <sup>3</sup>	12	14	16	16	18	20
Overall length	m	6.50	6.58	6.65	7.09	7.13	7.19
Width	m	2.29	2.29	2.29	2.44	2.44	2.44
Overall height	m	2.46	2.77	2.94	2.58	2.74	2.95
Width outside wheels	m	2.28	2.28	2.28	2.43	2.43	2.43
Discharge height	m	0.57	0.57	0.57	0.57	0.57	0.57
Net weight	kg	4.850	5.950	6.150	6.200	6.650	6.850
Maximum load	kg	5.000	5.750	6.350	6.300	7.100	7.750
Number of auger knife positions		8	8	8	8	8	8
Number of knives mounted per auger		5	5	5	5	5	5
Power requirement PTO	kW/HP	55/75	55/75	60/82	62/85	62/85	70/96
Tires (2 x)		385/65- 22.5 18 PR					
Required hydraulic capacity		20 ltr./min. 170 bar					
Required tractor hydraulic		1 single acting valve					

### Options

- Electronic weighing system
- Hydraulic restrictor blades
- Reduction gearbox
- Hydraulic support
- Extension conveyor belt
- Electric operation
- Hay ring
- Lighting set
- Pneumatic brake set
- Mineral chute
- Auger knife long
- Long Life augers

# Solomix 2 1200-2400 (L) VLH-B

High capacity mixer feeder twin auger

## Standard features

- ▲ 2 augers
- ▲ Trioform auger knives
- ▲ 2 restrictor-blades
- ▲ Constant velocity PTO-shaft
- ▲ Adjustable drawbar
- ▲ Front conveyor belt
- ▲ Two wide wheels
- ▲ Wear ring
- ▲ Control by bowden cable
- ▲ Hydraulic brake system



Fast and even distribution.

**Models** | 1200 VLH-B | 1400 VLH-B | 1500 VLH-B | 1600 VLH-B | 1600L VLH-B | 1800 VLH-B | 2000 VLH-B | 2000L VLH-B | 2400 VLH-B

		1200 VLH-B	1400 VLH-B	1500 VLH-B	1600 VLH-B	1600L VLH-B	1800 VLH-B	2000 VLH-B	2000L VLH-B	2400 VLH-B	
Discharge		Conveyor belt at front									
Capacity	m <sup>3</sup> .	12	14	15	16	16	18	20	20	24	
Overall length	m.	6.14	6.21	6.57	6.60	6.97	7.04	7.14	7.50	7.20	
Overall width	m.	2.16	2.22	2.28	2.28	2.30	2.30	2.30	2.45	2.44	
Overall height	m.	2.51	2.74	2.64	2.78	2.69	2.83	3.02	2.68	3.22	
Width outside wheels	m.	1.71	1.81	1.91	1.91	2.14	2.14	2.14	2.14	2.14	
Discharge height	m.	0.76	0.75	0.74	0.74	0.87	0.88	0.88	0.88	0.88	
Net weight	kg.	5.000	5.200	5.600	5.700	6.200	6.200	6.900	6.900	7.400	
Maximum load (techn.)	kg.	4.500	5.300	5.000	5.000	4.500	7.300	6.600	6.600	6.600	
Power requirement PTO	kW/HP	60/82	60/82	62/85	62/85	75/102	75/102	75/102	82/112	80/109	
Number of auger knife positions		7	7	8	8	8	8	8	8	10	
Number of knives mounted per auger		4	4	5	5	5	5	5	5	7	
Tires		400/45 L 17.5 (2 x)					435/50 R 19.5 (2 x)				
Required hydraulic capacity							20 ltr./min. 170 bar				
Required tractor hydraulic							1 single acting valve				

### Options

- Electronic weighing system
- Hydraulic restrictor blades
- Reduction gearbox
- Hydraulic support
- Extension conveyor belt
- Electric operation
- Hay ring
- Lighting set
- Pneumatic brake set
- Mineral chute
- Conveyor belt at the back (ALH-B)
- Auger knife long
- Long Life augers

# Solomix 2 2000 - 2800 VLH-B-T

High capacity mixer feeder twin auger

## Standard features

- ▲ 2 augers
- ▲ Trioform auger knives
- ▲ 2 restrictor-blades
- ▲ Constant velocity PTO-shaft
- ▲ Adjustable drawbar
- ▲ Front conveyor belt
- ▲ Tandem axle with single wheels
- ▲ Bowden cable control
- ▲ Wear ring
- ▲ Hydraulic brake system



Easy handling of round- and quader bales.



Model VLH-B-T is standard equipped with four single wheels on reciprocating tandemset.

Models	2000 VLH-B-T	2400 VLH-B-T	2800 VLH-B-T
Discharge		Conveyor belt at front	
Capacity m <sup>3</sup> .	20	24	28
Overall length m.	7.09	7.15	7.91
Width m.	2.31	2.44	2.55
Overall height m.	3.05	3.26	3.31
Width outsides wheels m.	1.85	1.85	2.18
Discharge height m.	0.91	0.91	0.92
Net weight kg.	7.200	7.700	10.000
Maximum Load kg.	8.800	10.000	12.000
Power requirement PTO kW/HP	75/102	80/109	103/140
Number of auger knife positions	8	10	12
Number of knives mounted per auger	5	7	9
Tires (4 x)	295/65 R 22.5		435/50 R 19.5
PTO Drive	540 RPM		
Scale system	3-point		
Required hydraulic capacity	20 ltr./min. 170 bar		
Tractor hydraulic requirements	1 single acting valve		

### Options

- Electronic weighing system
- Reduction gearbox
- Electric operation
- Hydraulic restrictor blades
- Hydraulic support
- Pneumatic brakes
- Lighting set
- Hay ring
- Mineral chute
- Belt conveyor extension
- Several tire options
- Auger knife long
- Long Life augers

# Solomix 2 1200-2400 (L) VLH-K

High capacity mixer feeder twin auger

## Standard features

- ▲ 2 Twin Stream augers
- ▲ Trioform auger knives
- ▲ 2 Restrictor blades
- ▲ Front chain conveyor
- ▲ Wide-angle PTO shaft with 1 3/8"-6 profile
- ▲ Adjustable and reversable drawbar with 45 mm drawbar eye (European standard)
- ▲ Bowden cable control
- ▲ Two large single wheels
- ▲ Wear ring
- ▲ Hydraulic brake system



Models | 1200 VLH-K | 1500 VLH-K | 1600 VLH-K | 1600L VLH-K | 1800 VLH-K | 2000 VLH-K | 2000L VLH-K | 2400 VLH-K

		1200 VLH-K	1500 VLH-K	1600 VLH-K	1600L VLH-K	1800 VLH-K	2000 VLH-K	2000L VLH-K	2400 VLH-K
Discharge		Chain conveyor at front							
Capacity	m <sup>3</sup> .	12	15	16	16	18	20	20	24
Overall length	m.	6.13	6.52	6.56	6.97	7.04	7.08	7.46	7.20
Width	m.	2.29	2.29	2.29	2.30	2.29	2.29	2.44	2.44
Overall height	m.	2.51	2.64	2.77	2.69	2.83	3.02	2.68	3.22
Width outside wheels	m.	1.71	1.91	1.90	2.14	2.13	2.13	2.14	2.14
Length chain conveyor	m.	2.30	2.30	2.30	2.30	2.30	2.30	2.44	2.30
Discharge height	m.	0.74	0.74	0.74	0.87	0.87	0.87	0.88	0.88
Height bottom of chain	m.	0.53	0.53	0.53	0.66	0.66	0.66	0.66	0.66
Net weight	kg.	5.000	5.600	5.700	6.200	6.200	6.900	6.900	7.400
Maximum load	kg.	4.500	5.000	5.000	4.500	7.300	6.600	6.600	6.600
PTO Drive		540	540	540	540	540	540	540	540
Number of auger knife positions		7	8	8	8	8	8	8	10
Number of knives mounted per auger		4	5	5	5	5	5	5	7
Power requirement PTO	kW/HP	60/82	62/85	62/85	75/102	75/102	75/102	82/112	80/109
Tires (2 x)		400/45 L 17.5			435/50 R 19.5				
Required hydraulic capacity		20 ltr./min., 170 bar							
Tractor hydraulic requirements		1 single acting valve							

### Options

- Electronic weighing system
- Electric operation
- Hydraulic restrictor blades
- Hydraulic support
- Reduction gearbox
- Hay ring
- Lights
- Mineral chute
- Discharge chain with side shift
- Speedregulator conveyor chain
- Auger knife long
- Long Life augers



# Solomix 2 2000-2400 VLH-K-T

High capacity mixer feeder twin auger

## Standard features

- ▲ 2 Twin Stream augers
- ▲ Trioform auger knives
- ▲ 2 Restrictor blades
- ▲ Wide-angle PTO shaft with 1 3/8"-6 profile
- ▲ Wear ring
- ▲ Adjustable and reversable drawbar with 45 mm drawbar eye (European standard)
- ▲ Front chain conveyor
- ▲ Bowden cable control
- ▲ Two large single wheels
- ▲ Hydraulic brake system



Models	2000 VLH-K-T	2400 VLH-K-T
Discharge Capacity	20 m <sup>3</sup>	24
Overall length	7.09 m.	7.15
Width	2.29 m.	2.44
Overall height	3.05 m.	3.27
Width outside wheels	1.85 m.	1.85
Length chain conveyor	2.30 m.	2.30
Discharge height	0.91 m.	0.94
Height bottom of chain	0.69 m.	0.69
Net weight	7.200 kg.	7.700
Maximum load	8.800 kg.	10.000
Number of auger knife positions	8	10
Number of knives mounted per auger	5	7
PTO Drive	540	540
Power requirement PTO	kW/HP 75/102	80/109
Tires (4 x)	295/60 R 22.5	
Required hydraulic capacity	20 ltr./min., 170 bar	
Tractor hydraulic requirements	1 single acting valve	

### Options

- Electronic weighing system
- Electric operation
- Hydraulic restrictor blades
- Hydraulic support
- Reduction gearbox
- Hay ring
- Lights
- Mineral chute
- Discharge chain with side shift
- Speedregulator conveyor chain
- Auger knife long
- Long Life augers

# Solomix 2 1200-2400 (L) VLH-C

Mixer feeder with curved cross chain conveyor and side shift at front

## Standard features

- ▲ 2 Twin Stream augers
- ▲ Trioform auger knives
- ▲ 2 Restrictor blades
- ▲ Wide-angle PTO shaft with 1 3/8"-6 profile
- ▲ Wear ring
- ▲ Adjustable and reversable drawbar with 45 mm drawbar eye (European standard)
- ▲ Curved cross chain conveyor at front L=2.54m with side shift 35cm RHS and 35cm LHS, discharge RHS and LHS
- ▲ Bowden cable control
- ▲ Two large single wheels
- ▲ Hydraulic brake system



Models	1200 VLH-C	1500 VLH-C	1600 VLH-C	1600L VLH-C	1800 VLH-C	2000 VLH-C	2000L VLH-C	2400 VLH-C
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	Curved cross chain conveyor with side shift at front									
Discharge Capacity	m <sup>3</sup> .	12	15	16	16	18	20	20	24	
Overall length	m.	6.13	6.52	6.56	6.99	7.04	7.09	7.46	7.20	
Overall width	m.	2.30	2.30	2.30	2.30	2.30	2.30	2.54	2.44	
Overall height	m.	2.51	2.64	2.76	2.69	2.83	3.02	2.68	3.22	
Width outside wheels	m.	1.71	1.91	1.91	2.14	2.14	2.14	2.14	2.14	
Lenght cross conveyor	m.	2.30	2.30	2.30	2.30	2.30	2.30	2.54	2.30	
Discharge height (retracted)	m.	0.97	0.97	0.97	1.09	1.11	1.11	1.17	1.12	
Discharge height (side shifted)	m.	1.21	1.21	1.21	1.34	1.34	1.34	1.43	1.34	
Height bottom of conveyor (retracted)	m.	0.82	0.95	0.95	0.82	0.82	0.95	0.95	1.02	
Height bottom of conveyor (side shifted)	m.	1.04	1.17	1.17	1.04	1.04	1.17	1.17	1.26	
Net weight	kg.	5.000	5.600	5.700	6.200	6.200	6.900	6.900	7.400	
Maximum load (techn.)	kg.	4.500	5.000	5.000	4.500	7.300	6.600	6.600	6.600	
PTO Drive		540	540	540	540	540	540	540	540	
Number of auger knife positions		7	8	8	8	8	8	8	10	
Number of knives mounted per auger		4	5	5	5	5	5	5	7	
Power requirement PTO	kW/HP	60/82	62/85	62/85	75/102	75/102	75/102	82/112	80/109	
Tires (2 x)		400/45 L 17.5			435/50 R 19.5					
Required hydraulic capacity		20 ltr./min. 170 bar								
Tractor hydraulic requirements		1 single acting valve								

- |                              |                            |                          |
|------------------------------|----------------------------|--------------------------|
| Options                      | • Lights                   | • Auger knife long       |
| • Electronic weighing system | • Off set clevis           | • Auger knife TC coating |
| • Reduction gearbox          | • Hay ring Steel or Rubber | • Long Life augers       |
| • Electric operation         | • Heavy Duty PTO shaft     |                          |

# Solomix 2 2000-2400 VLH-C-T

Mixer feeder with curved cross chain conveyor and side shift at front

## Standard features

- ▲ 2 Twin Stream augers
- ▲ Trioform auger knives
- ▲ 2 Restrictor blades
- ▲ Wide-angle PTO shaft with 1<sup>3</sup>/<sub>8</sub>"-6 profile
- ▲ Wear ring
- ▲ Adjustable drawbar with 45 mm drawbar eye (European standard)
- ▲ Curved cross chain conveyor at front L=2.30m with side shift 35cm RHS and 25 cm LHS, discharge RHS and LHS
- ▲ Tandem axle with 4 single wheels
- ▲ Bowden cable control
- ▲ Hydraulic brake system



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Models	2000 VLH-C-T	2400 VLH-C-T
Discharge	Curved cross chain conveyor with side shift at front	
Capacity m <sup>3</sup> .	20	24
Overall length m.	7.09	7.15
Overall width m.	2.30	2.44
Overall height m.	3.05	3.27
Width outside wheels m.	1.84	1.84
Lenght cross conveyor m.	2.30	2.30
Discharge height (center position) m.	1.16	1.16
Discharge height (side shifted) m.	1.38	1.38
Height bottom of conveyor (retracted) m	0.98	0.98
Height bottom of conveyor (side shifted) m.	1.20	1.20
Net weight kg.	7.200	7.700
Maximum load (techn.) kg.	8.800	10.000
Number of auger knife positions	8	10
Number of knives mounted per auger	5	7
PTO Drive	540	540
Power requirement PTO kW/HP	75/102	80/109
Tires (4 x)	295/60 R 22.5	
Required hydraulic capacity	20 ltr./min. 170 bar	
Tractor hydraulic requirements	1 single acting valve	
Options	<ul style="list-style-type: none"> <li>• Lights</li> <li>• Off set clevis</li> <li>• Hay ring Steel or Rubber</li> <li>• Heavy Duty PTO shaft</li> </ul>	<ul style="list-style-type: none"> <li>• Auger knife long</li> <li>• Auger knife TC coating</li> <li>• Long Life augers</li> </ul>
	<ul style="list-style-type: none"> <li>• Electronic weighing system</li> <li>• Reduction gearbox</li> <li>• Electric operation</li> </ul>	



# Solomix 2 1200 - 1600 ZK

Basic mixer feeder twin auger

NEW EDITION

## Standard features

- ▲ 2 augers
- ▲ Trioform auger knives
- ▲ 2 restrictor-blades
- ▲ Constant velocity PTO-shaft
- ▲ Adjustable drawbar
- ▲ Two large discharge doors
- ▲ Manual adjustable discharge chutes
- ▲ Flexible and spacious side door covers
- ▲ Two wide wheels
- ▲ Direct operation by Tractor hydraulics
- ▲ Wear ring
- ▲ Hydraulic brake system



Speedy and even distribution.

Models	1200 ZK	1400 ZK	1500 ZK	1600 ZK
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Discharge	2 Side discharge doors				
Capacity	m <sup>3</sup>	12	14	15	16
Overall length	m	5.99	6.06	6.36	6.40
Overall width	m	2.24	2.24	2.34	2.34
Overall height	m	2.51	2.74	2.64	2.77
Width outside wheels	m	1.71	1.81	1.91	1.91
Discharge height*	m	0.82	0.82	0.82	0.82
Net weight	kg	4.900	5.100	5.300	5.500
Maximum load	kg	4.500	4.800	5.000	5.000
Number of auger knife positions		7	7	8	8
Number of knives mounted per auger		4	4	5	5
Power requirement PTO	kW/HP	60/82	62/85	62/85	62/85
Tires		400/45 L 17.5 (2 st.)			
PTO Drive	RPM	540	540	540	540
Required hydraulic capacity		20 ltr./min. 170 bar			
Required tractor hydraulic		2 double acting valves			
* Without slide					

### Options

- |                               |                         |                        |                            |
|-------------------------------|-------------------------|------------------------|----------------------------|
| • Electronic weighing system  | • Reduction gearbox     | • Bowden cable control | • Pivoting discharge chute |
| • Electric operation          | • Hay ring              | • Lighting set         | • Magnets                  |
| • Hydraulic restrictor blades | • Programmable weighing | • Pneumatic brake set  | • Long Life augers         |
| • Hydraulic support           | • Chain conveyor        | • Mineral chute        |                            |

# Solomix 2 1600L - 2400 (L) ZK (X)

Mixer feeder with strawbedder at front

NEW EDITION

## Standard features

- ▲ 2 augers
- ▲ Trioform auger knives
- ▲ 2 restrictor-blades
- ▲ Constant velocity PTO-shaft
- ▲ Adjustable drawbar
- ▲ Two large discharge doors
- ▲ Manual adjustable discharge chutes
- ▲ Flexible and spacious side door covers
- ▲ Two wide wheels (1600 L-2400)
- ▲ Two double wheels (2400L)
- ▲ Direct operation by Tractor hydraulics
- ▲ Wear ring
- ▲ Hydraulic brake system



Models		1600L ZK	1800 ZK	2000 ZK	2000L ZK	2400 ZK	2400L ZKX
Discharge		2 Side discharge doors					
Capacity	m <sup>3</sup>	16	18	20	20	24	24
Overall length	m	6.81	6.85	6.91	7.27	6.97	7.36
Overall width	m	2.47	2.44	2.45	2.66	2.52	2.74
Overall height	m	2.69	2.83	3.02	2.68	3.22	3.02
Width outside wheels	m	2.14	2.14	2.14	2.14	2.14	2.36
Discharge height*	m	0.95	0.95	0.95	0.95	0.95	0.97
Net weight	kg	5.800	6.000	6.600	6.700	7.100	8.400
Maximum load	kg	4.600	7.500	6.900	6.800	6.900	7.600
Number of auger knife positions		8	8	8	8	10	10
Number of knives mounted per auger		5	5	5	5	7	7
Power requirement PTO	kW/HP	75/102	75/102	75/102	82/112	80/109	88/120
Tires		435/50 R 19.5 (2 st.)					
		22.5 (4 st.)					
PTO Drive	RPM	540	540	540	540	540	540
Required hydraulic capacity		20 ltr./min. 170 bar					
Required tractor hydraulic		2 double acting valves					
* Without slide							

### Options

- Electronic weighing system
- Electric operation
- Hydraulic restrictor blades
- Hydraulic support
- Reduction gearbox
- Hay ring
- Programmable weighing
- Chain conveyor
- Bowden cable control
- Lighting set
- Pneumatic brake set
- Mineral chute
- Pivoting discharge chute
- Magnets
- Long Life augers

# Solomix P 1000-3000 ZK(T)

Mixer feeder with strawbedder at front

NEW EDITION

## Standard features

- ▲ Mechanically driven strawbedder at front
- ▲ 1, 2 or 3 augers
- ▲ Trioform auger knives
- ▲ 2 restrictor blades
- ▲ Constant velocity PTO shaft
- ▲ Wear ring
- ▲ Adjustable drawbar
- ▲ Two large discharge doors
- ▲ Manual adjustable discharge chutes
- ▲ Flexible and spacious side door covers
- ▲ Two wide wheels
- ▲ Electric command
- ▲ Hydraulic brake system



Solomix P1

**Models** P1-1000 ZK P1-1200 ZK P1-1400 ZK P2-1200 ZK P2-1600 ZK P2-1800 ZK P2-2000 ZK P2-2400 ZK-T P3-3000 ZK-T

		P1-1000 ZK	P1-1200 ZK	P1-1400 ZK	P2-1200 ZK	P2-1600 ZK	P2-1800 ZK	P2-2000 ZK	P2-2400 ZK-T	P3-3000 ZK-T
Discharge		2 Side discharge doors								
Capacity	m <sup>3</sup> .	10	12	14	12	16	18	20	24	30
Overall length	m.	5.00	5.05	5.32	6.30	6.71	7.17	7.22	7.56	9.06
Width	m.	2.47	2.47	2.70	2.24	2.33	2.47	2.46	2.50	2.44
Overall Height	m.	2.78	2.97	3.02	2.51	2.77	2.81	3.02	3.25	3.28
Width outside wheels	m.	1.91	1.91	2.11	1.70	1.90	2.15	2.15	1.87	2.00
Discharge height*	m.	0.84	0.85	0.85	0.82	0.85	0.99	0.99	0.99	1.04
Distribution width strawbedder**	m.	15-25								
Net weight	kg.	3.910	4.110	4.500	5.425	6.250	6.425	7.075	7.975	12.000
Maximum load (techn.)	kg.	4.000	4.500	4.500	4.500	5.000	7.000	7.000	10.000	10.000
Number of auger knife positions		9	9	12	7	8	8	8	10	11
Number of knives mounted per auger		6	6	9	4	5	5	5	7	8
PTO Drive	RPM	540	540	540	540	540	540	540	540	540
Required hydraulic capacity	kW/HP	52/71	55/75	60/82	60/82	62/85	75/102	75/95	80/109	95/130
Tires (2 x)		400/45 L 17.5					435/50 R 19.5			
Tires (4 x)		295/60 R 22.5 435/50 R 19.5								
Required hydraulic capacity		20 ltr./min. 170 bar								
Required tractor hydraulic		1 single acting valve								
* Without slide	** Depending on circumstances									

### Options

- Electronic weighing system
- Hydraulic restrictor blades
- Hydraulic support
- Reduction gearbox
- Hay ring
- Chain conveyor
- Lighting set
- Pivoting discharge chute
- Mineral chute
- Dust control
- Long Life augers



# Solomix P ZKX

Heavy duty mixer feeder with strawbedder at front **NEW EDITION**

## Standard features

- ▲ 2 or 3 Long Life augers
- ▲ Trioform auger knives
- ▲ Mechanically driven straw bedder at front
- ▲ Low blower pipe
- ▲ 2 (2400L/3600) or 4 (2800) restrictor blades
- ▲ Wide-angle PTO-shaft
- ▲ Adjustable and reversable drawbar
- ▲ Reduction gearbox
- ▲ Tandem axle with 4 single wheels
- ▲ Hydraulic brake system
- ▲ Two side discharge doors in front (2400L-2800) or both on right hand side for the 3600
- ▲ Manual adjustable discharge chutes
- ▲ Flexible and spacious side door covers
- ▲ Electric operation
- ▲ Wear ring
- ▲ Pre-mix rear door without activation kit standard on the models 2800 and 3600



Electric operation as an standard feature.



Dust control

Models		P2 2400L ZKX-T	P2 2800 ZKX-T	P3 3600 ZKX-T
Location of side discharge doors		In front LHS + RHS		In front and back RHS
Number of augers		2	2	3
Capacity	m <sup>3</sup>	20	24	30
Overall length	m	8.02	8.08	9,76
Overall width	m	2.74	2.75	2.66
Overall height	m	3.00	3.42	3.39
Track width outside wheels	m	2.00	2.20	2.30
Discharge height*	m	1.02	1.18	1.14
Net weight	kg	9.650	11.050	14.500
Maximum Load	kg	10.350	8.950	15.500
Number of auger knife positions		10	12	10
Number of knives mounted per auger		7	9	7
PTO Drive (1¼"-20 spline)	RPM	1.000	1.000	1.000
Power requirement PTO HP (kW)	kW/pk	88/120	95/130	130/177
Wheels (4 st.)		435/50 R 19.5	385/65 R 22.5	275/70 R 22.5
Required hydraulic capacity		20 ltr./min. 170 bar		
Required tractor hydraulics		1 single acting valve		
* Height of bottom of tub				

### Options

- Electronic weighing system
- Hydraulic restrictor blades
- Hydraulic support
- Reduction gearbox
- Hay ring
- Chain conveyor
- Lighting set
- Pivoting discharge chute
- Mineral chute
- Dust control

# Solomix 2 2000-2400 ZK-T

High capacity mixer feeder twin auger

NEW EDITION

## Standard features

- ▲ 2 augers
- ▲ Trioform auger knives
- ▲ 2 restrictor-blades
- ▲ Constant velocity PTO-shaft
- ▲ Adjustable drawbar
- ▲ Wear ring
- ▲ Two large discharge doors
- ▲ Manual adjustable discharge chute
- ▲ Flexible and spacious side door covers
- ▲ Tandem axle with 4 wheels
- ▲ Direct operation by tractor hydraulics
- ▲ Hydraulic brake system



Mineral chute as an option.



Tandem axle with 4 wheels.

Models	2000 ZK-T	2000L ZK-T	2400 ZK-T
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Discharge		Discharge doors on both sides (front)		
Capacity	m <sup>3</sup> .	20	20	24
Overall length	m.	6.91	7.27	6.97
Overall width	m.	2.45	2.66	2.50
Overall height	m.	3.05	2.71	3.27
Width outside wheels	m.	1.85	1.85	1.85
Discharge height*	m.	0.99	0.99	1.01
Net weight	kg.	7.000	7.050	7.550
Maximum Load	kg.	9.000	10.000	10.000
Number of auger knife positions		8	8	10
Number of knives mounted per auger		5	5	7
Power requirement PTO	kW/HP	75/102	82/112	80/109
PTO Drive	RPM	540	540	540
Tires (4 x)		295/65 - R 22.5		
Scale system		3-point		
Required hydraulic capacity		20 ltr./min. 170 bar		
Tractor hydraulic requirements		2 double acting valves		
* Without slide				

- |                              |                               |                            |                        |
|------------------------------|-------------------------------|----------------------------|------------------------|
| Options                      | • Hydraulic support           | • Mineral chute            | • Several tire options |
| • Electronic weighing system | • Hydraulic restrictor blades | • Magnets                  | • Auger knife long     |
| • Reduction gearbox          | • Offset drawbar-eye          | • Programmable weighing    | • Long Life augers     |
| • Electric operation         | • Lighting set                | • Chain conveyor           |                        |
| • Bowden cable operation     | • Hay ring                    | • Pivoting discharge chute |                        |

# Solomix 2 2400-3200 (L) ZKX-T

High capacity mixer feeder twin auger

NEW EDITION

## Standard features

- ▲ 2 Long Life augers
- ▲ Trioform auger knives
- ▲ 4 restrictor-blades
- ▲ 1000 RPM wide angle PTO shaft
- ▲ Adjustable drawbar
- ▲ Wear ring
- ▲ Two large discharge doors
- ▲ Manual adjustable discharge chute
- ▲ Flexible and spacious side door covers
- ▲ Tandem axle with 4 wheels
- ▲ Reduction gearbox
- ▲ Premix-door at the back (2800/3200)
- ▲ Direct operation by tractor hydraulics
- ▲ Hydraulic brake system



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Models	2400L ZKX-T	2800 ZKX-T	3200 ZKX-T
Discharge	Discharge doors on both sides (front)		
Capacity m <sup>3</sup> .	24	28	32
Overall length m.	7.36	7.53	7.96
Overall width m.	2.74	2.73	2.95
Overall height m.	3.02	3.42	3.42
Width outside wheels m.	2.00	2.18	2.19
Discharge height* m.	1.02	1.19	1.19
Net weight kg.	8.550	10.150	11.000
Maximum load (techn.) kg.	10.000	11.000	11.000
Number of auger knife positions	10	12	12
Number of knives mounted per auger	7	9	9
Power requirement PTO kW/HP	88/120	95/130	110/150
PTO Drive RPM	1.000	1.000	1.000
Tires (4 x)	435/50 R 19.5	385/65 R 22.5 18 Ply	
Scale system	3-point		
Required hydraulic capacity	20 ltr./min. 170 bar		
Tractor hydraulic requirements	2 double acting valves		
* Without slide			

### Options

- Electronic weighing system
- Electric operation
- Hydraulic restrictor blades
- Hydraulic support
- Lighting set
- Hay ring
- Cooling unit
- Offset clevis for hitch
- Programmable weighing
- Mineral chute
- Magnets
- Discharge chain conveyor
- Three speed powershift gearbox
- Pivoting discharge chute
- Auger knife long



# Solomix 2 2400-3200 (L) VLX-B-T

High capacity mixer feeder twin auger

## Standard features

- ▲ 2 Long Life augers
- ▲ Trioform auger knives
- ▲ 2 or 4 restrictor-blades
- ▲ 1000 RPM wide angle PTO shaft
- ▲ Wear ring
- ▲ Large door opening at front with heavy-duty chain (VLX-K-T) or conveyor belt (VLX-B-T)
- ▲ Adjustable drawbar
- ▲ Tandem axle with 4 wheels
- ▲ Reduction gearbox
- ▲ Premix-door at the back
- ▲ Direct operation by tractor hydraulics
- ▲ Hydraulic brake system



Model VLX-K-T with adjustable chain conveyor at front.

Models	2400L VLX-B-T	2800 VLX-B-T	3200 VLX-B-T
Discharge	Conveyor belt or conveyor chain at front		
Capacity	m <sup>3</sup> . 24	28	32
Overall length	m. 8.12	8.18	8.63
Overall width	m. 2.90	2.90	2.90
Overall height	m. 3.02	3.42	3.42
Width outside wheels	m. 2.00	2.18	2.20
Discharge height	m. 0.90	1.06	1.06
Net weight	kg. 9.650	11.600	12.200
Maximum load (techn.)	kg. 12.350	10.400	11.400
Number of auger knife positions	10	12	12
Number of knives mounted per auger	7	9	9
Power requirement PTO	kW/HP 88/120	95/130	110/150
PTO Drive	RPM 1.000	1.000	1.000
Tires (4 x)	435/50 R 19.5	385/65 R 22.5	
Scale system		3-point	
Required hydraulic capacity		20 ltr./min. 170 bar	
Tractor hydraulic requirements		2 double acting valves	

### Options

- Electronic weighing system
- Electric operation
- Hydraulic restrictor blades
- Hydraulic support
- Lighting set
- Cooling unit
- Offset clevis for hitch
- Programmable weighing
- Pneumatic brake set
- Mineral chute
- Three speed powershift gearbox
- Side shift for cross conveyor belt

# Solomix 2 1200-2000 VLL-S

Basic mixer feeder twin auger

NEW EDITION

## Standard features

- ▲ 2 augers
- ▲ Trioform auger knives
- ▲ 2 restrictor-blades
- ▲ Constant velocity PTO-shaft
- ▲ 2 large single wheels
- ▲ Adjustable drawbar for top connection
- ▲ Front conveyor chain with adjustable extension(s)
- ▲ Bowden cable control
- ▲ Wear ring
- ▲ Hydraulic brake system



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Models 1200L VLL-S 1400 VLL-S 1600 VLL-S 1600L VLL-S 1800 VLL-S 2000 VLL-S

		1200L VLL-S	1400 VLL-S	1600 VLL-S	1600L VLL-S	1800 VLL-S	2000 VLL-S
Discharge		In height adjustable chain conveyor at front					
Capacity	m <sup>3</sup>	12	14	16	16	18	20
Overall length	m	6.50	6.58	6.65	7.08	7.13	7.19
Overall width	m	2.29	2.29	2.29	2.44	2.44	2.44
Overall height	m	2.46	2.77	2.94	2.58	2.74	2.95
Width outside wheels	m	2.28	2.28	2.28	2.43	2.43	2.43
Discharge height	m	0.88-110	0.88-110	0.88-110	0.88-110	0.88-110	0.88-110
Net weight	kg	5.100	6.200	6.400	6.400	6.850	7.050
Maximum load	kg	5.000	5.500	6.100	6.100	6.900	7.550
Number of auger knife positions		7	8	8	8	8	8
Number of knives mounted per auger		4	5	5	5	5	5
Tires (2 x)		385/65 - 22.5 18 PR					
Power requirement PTO	kW/HP	55/75	55/75	60/82	62/85	62/85	70/96
Required hydraulic capacity		20 ltr./min. 170 bar					
Required tractor hydraulic		2 double acting valves					

### Options

- Electronic weighing system
- Hydraulic restrictor blades
- Reduction gearbox
- Electric operation
- Hydraulic support
- Hay ring
- Lighting set
- Pneumatic brake set
- Low drawbar
- Mineral chute
- Magnets
- Long Life augers

# Solomix 3 3000 VLH-B / K / C-T & ZK-T

Professional triple auger mixer feeder

## Standard features

- ▲ 3 augers
- ▲ Trioform auger knives
- ▲ 2 Restrictor blades
- ▲ Wear ring
- ▲ 540 RPM driveline
- ▲ Wide-angle PTO shaft with 1 3/8"-6 profile
- ▲ Adjustable and reversable drawbar with 45 mm drawbar eye (European standard)
- ▲ Two side discharge doors (ZK-T)
- ▲ 2,44m long cross conveyor belt at front for VLH-B-T
- ▲ 2,44m long chain conveyor at front for VLH-K-T
- ▲ 2,54m long curved cross chain conveyor at front with 35cm side shift to both sides VLH-C-T
- ▲ Bowden cable control (B/K/C)
- ▲ Direct operation by tractor hydraulics (ZK-T)
- ▲ Walking tandem axle with large single wheels
- ▲ Hydraulic brake system



Solomix 3 3000 ZK-T

Models		3000 VLH-B-T	3000 VLH-K-T	3000L VLH-C-T	3000 ZK-T
Discharge		Belt	Chain	Curved chain	Two side discharge doors at front
Capacity	m <sup>3</sup> .	30	30	30	30
Overall length	m.	8.91	8.66	8.66	8.47
Overall width	m.	2.45	2.44	2.54	2.44
Overall height	m.	3.28	3.28	3.28	3.28
Width outside wheels	m.	2.00	2.05	2.05	2.00
Discharge height (retracted)	m.	0.93	0.92	1.22-1.47	1.05
Height bottom of chain (retracted)	m.	0.76	0.75	1.05	--
Net weight	kg.	10.200	10.200	10.200	10.050
Maximum load (techn.)	kg.	12.000	12.000	12.000	12.000
Number of auger knife positions		8	8	8	8
Number of knives mounted per auger		5	5	5	5
Power requirement PTO	kW/HP	95/130	95/130	95/130	95/130
PTO Drive	RPM	540	540	540	540
Tires		435/50 R 19.5 (4 x)			
Required hydraulic capacity		20 ltr./min. 170 bar			
Required tractor hydraulic		1 single acting valve			2 double acting valves
Options		<ul style="list-style-type: none"> <li>• Hydraulic restrictor blades</li> <li>• Lighting set</li> <li>• Two speed powershift gearbox</li> <li>• Hay ring</li> </ul>	<ul style="list-style-type: none"> <li>• Hydraulic side shift conveyor belt/chain</li> <li>• Offset clevis</li> <li>• Mineral chute</li> </ul>	<ul style="list-style-type: none"> <li>• Long Life augers</li> </ul>	



# Solomix 3 3600-4600 (L)VLX-B-T(R)

Professional triple auger mixer feeder

## Standard features

- ▲ 3 Long Life augers
- ▲ Trioform auger knives
- ▲ 2 restrictor-blades
- ▲ 1000 RPM wide angle PTO shaft
- ▲ Adjustable drawbar
- ▲ Front conveyor belt
- ▲ Wear ring
- ▲ Tandem axle with twin wheels (3600/4000L/4600T)
- ▲ Tridem axles with forced steering (4600TR)
- ▲ Speed reduction gearbox
- ▲ Premix-door at the back
- ▲ Direct operation by tractor hydraulics
- ▲ Hydraulic brake system



Unique three auger system with Dual Flow.

Models	3600 VLX-B-T	4000L VLX-B-T	4600 VLX-B-T	4600 VLX-B-TR
Discharge Capacity	m <sup>3</sup> . 36	40	46	46
Overall length	m. 9.94	10.59	10.60	10.60
Width	m. 2.66	2.66	2.94	2.97
Overall Height	m. 3.38	3.24	3.62	3.54
Width outside wheels	m. 2.31	2.31	2.45	2.23
Discharge height	m. 1.02	1.03	1.34	1.04
Net weight	kg. 15.400	15.600	16.900	18.200
Maximum load (techn.)	kg. 14.600	14.400	18.100	16.800
Number of auger knife positions	10	10	12	12
Number of knives mounted per auger	7	7	9	7
Power requirement PTO	kW/HP 130/177	140/191	150/204	150/204
PTO Drive	RPM 1.000	1.000	1.000	1.000
Tires	275/70 R 22.5	275/70 R 22.5	315/80 R 22.5	435/50 R 19.5
Wheel system (Tires)	Tandem (8 x)	Tandem (8 x)	Tandem (8 x)	Tridem (6 x)
Required hydraulic capacity	20 ltr./min. 170 bar			
Required tractor hydraulic	2 double acting valves			

### Options

- Electronic weighing system
- Electric operation
- Hydraulic support
- Hydraulic restrictor blades
- Lighting set
- Three speed powershift gearbox
- Hay ring
- Oil cooling system
- Offset clevis
- Mineral chute
- Magnets

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

Professional triple auger mixer feeder

## Standard features

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



Model VLK has a chain conveyor at front.

Models		3600 VLX-K-T	4000L VLX-K-T	4600 VLX-K-T	4600 VLX-K-TR
Discharge			Chain conveyor at front		
Capacity	m <sup>3</sup> .	36	40	46	46
Overall length	m.	9.94	10.59	10.60	10.60
Overall width (2.3 conveyor)	m.	2.65	2.66	2.97	2.97
Overall width (2.9 conveyor)	m.	2.99	2.99	2.97	2.97
Overall height	m.	3.38	3.24	3.62	3.54
Width outside wheels	m.	2.31	2.31	2.45	2.23
Discharge height	m.	1.01	1.02	1.34	1.04
Net weight	kg.	15.400	15.600	16.900	18.200
Maximum load (techn.)	kg	14.600	14.400	18.100	16.800
Number of auger knife positions		10	10	12	12
Number of knives mounted per auger		7	7	9	9
Power requirement PTO	kW/HP	130/177	140/191	150/204	150/204
PTO Drive	RPM	1.000	1.000	1.000	1.000
Tires		275/70 R 22.5 (8 x)	275/70 R 22.5 (8 x)	315/80 R 22.5 (8 x)	435/50 R 19.5 (6 x)
Wheel system (Tires)		Tandem	Tandem	Tandem	Tridem
Required hydraulic capacity		20 ltr./min. 170 bar			
Tractor hydraulic requirements		2 double acting valves			

### Options

- Electronic weighing system
- Electric operation
- Hydraulic support
- Hydraulic restrictor blades
- Lighting set
- Hay ring
- Oil cooling system
- Offset clevis
- Mineral chute
- Magnets
- Three speed powershift gearbox
- Magnets

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

Professional triple auger mixer feeder

NEW EDITION

## Standard features

- ▲ 3 Long Life augers with Trioform auger knives
- ▲ 2 restrictor-blades
- ▲ 1000 RPM wide angle PTO shaft
- ▲ Adjustable drawbar
- ▲ Two large discharge doors
- ▲ Manual adjustable discharge chute
- ▲ Flexible and spacious side door covers
- ▲ Wear ring
- ▲ Reduction gearbox (3600-4600)
- ▲ Tandem axle (3000/4000L/4600T)
- ▲ Tridem axles with forced steering (4600TR/5200TR)
- ▲ Speed reduction gearbox
- ▲ Premix-door at the back
- ▲ Direct operation by tractor hydraulics
- ▲ Hydraulic brake system
- ▲ Shifttronic 3-speed and weighing system (5200)



Models		3600 ZKX-T	4000L ZKX-T	4600 ZKX-T	4600 ZKX-TR	5200 ZKX-TR
Discharge		2 discharge doors on right side				
Capacity	m <sup>3</sup> .	36	40	46	46	52
Overall length	m.	9.27	9.90	9.99	9.99	10.96
Overall width	m.	2.66	2.97	2.97	2.98	2.99
Overall height	m.	3.38	3.24	3.62	3.54	3.60
Width outside wheels	m.	2.28	2.28	2.43	2.23	2.64
Discharge height*	m.	1.11	1.14	1.23	1.08	1.20
Net weight	kg.	13.900	14.100	15.400	16.600	20.500
Maximum load (techn.)	kg.	16.100	15.900	19.600	18.500	22.500
Number of auger knife positions		10	10	12	12	12
Number of knives mounted per auger		7	7	9	9	9
Power requirement PTO	kW/HP	130/177	140/191	150/204	150/204	176/240
PTO Drive	RPM	1.000	1.000	1.000	1.000	1.000
Tires		275/70 R 22.5	275/70 R 22.5	315/80 R 22.5	435/50 R 19.5	275/70 R 22.5
Wheel system (Tires)		Tandem (8 x)	Tandem (8 x)	Tandem (8 x)	Tridem (6 x)	Tridem (12 x)
Required hydraulic capacity		20 ltr./min. 170 bar				
Tractor hydraulic requirements		2 double acting valves				
* Without slide						

### Options

- Electronic weighing system
- Electric operation
- Hydraulic support
- Hydraulic restrictor blades
- Lighting set
- Hay ring
- Oil cooling system
- Offset clevis
- Mineral chute
- Magnets
- Shifttronic three speed powershift gearbox
- Discharge chain conveyor
- Magnet on auger



# Loading equipment



**Triomaster S**



**Silage bite**

## Standard features

- ▲ U-form frame with stainless steel replaceable stationary cutting knives
- ▲ Cutting by hydraulic pressure with pressure-check
- ▲ Perfect face of silo
- ▲ High loading capacity
- ▲ Control system to check equal length of cutting cylinders

### Options

- Couplers

Models		S 200	S 300	S 400
Capacity	m <sup>3</sup> .	2.2	4.1	5.9
Cutting volume	m <sup>3</sup> .	2	3	4
Overall length	m.	1.67	2.14	2.50
Overall width	m.	2.23	2.66	2.86
Overall height	m.	1.89	2.37	2.69
Max. cutting height	m.	2.37	2.93	3.52
Working width cutting knife (rear)	m.	1.83	2.21	2.41
Working width side knives	m.	0.45	0.45	0.45
Net weight	kg.	1.250	2.150	2.750
Maximum load (techn.)	kg.	1.200	1.800	2.400
Min. lift capacity loader	kg.	3.000	8.500	10.700
Min. weight loader	kg.	7.000	11.000	13.500
Min. oil flow loader (hydraulic capacity)			25 ltr./min. 170 bar	
Max. oil flow loader (hydraulic capacity)			160 ltr./min. 200 bar	
Electrical Voltage			12 V or 24 V	

# Silagecutting/distribution



## Turbobuster



### Standard features Turbobuster

- Silageblockcutter U-model
- Standard equipped with back-plates, completely protected cable housing, knife protectors and quick-fit coupling
- The machine is for three-point linkage and is to be connected directly to the tractor hydraulics
- Special tempered cutting knives
- Cutting system with direct drive on the knives and bypass system

### Standard features Turbofeeder

The Turbofeeder can be mounted on any Turbobuster TU model silageblockcutter. Standard equipped with steered bars, protection plates, hydraulic reversing system and on both sides, well protected discharge openings.

## Turbobuster XL



Models		TU 115	TU 145	TU 170	TU 195	TU 180 XL	
Capacity	m <sup>3</sup> .	1.70	2.10	2.50	2.85	3.40	
Overall Length	m.	1.15	1.15	1.15	1.15	1.40	
Overall width	m.	1.97	1.97	1.97	1.97	1.97	
Overall height	m.	2.02	2.32	2.57	2.82	2.71	
Net weight	kg.	550	580	600	620	900	
Overall length with high-lift	m.	1.30	1.30	1.30	--	1.59	
Overall height with high-lift	m.	2.10	2.32	2.57	--	2.71	
Net weight with high-lift	kg.	770	800	820	--	1.300	
Block height	m.	1.15	1.45	1.70	1.95	1.80	
Block dimensions	m.	length 0.80 (1.05 XL) x width 1.80 x block height					
Required hydraulic capacity		28 ltr./min., 150 bar					60 ltr./min., 200 bar

## Model Turbofeeder

Capacity (depends on model TU)	m <sup>3</sup> .	1.65 - 2.80	
Overall length	m.	0.85	0.85
Overall width	m.	2.28	2.28
Overall width with upward position side-protection	m.	2.00	2.00
Overall height	m.	0.86	0.86
Net weight	kg.	280	280
Required hydraulic capacity		28 ltr./min. 150 bar	
Tractor hydraulic requirements		1 double acting valve	

## Turbofeeder



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## Multifeed



**Self-loading feeder wagon with loading platform, Capacity 3.1 m<sup>3</sup>**

Model		Multifeed
Discharge		Conveyor belt at front
Capacity	m <sup>3</sup> .	3.13
Overall Length	m.	4.08
Overall width	m.	2.29
Overall height	m.	2.11
Net weight	kg.	1.720
Loading platform	m.	1.75 x 1.96
Width loading platform	m.	1.94
Tires (2 x)		24 x 7.7-10 Ply
Maximum load	kg.	1.780
Width of cross conveyor belt	m.	0.65
Discharge height	m.	0.60
Required hydraulic capacity		20 ltr./min. 160 bar
Tractor hydraulic requirements		1 single acting valve

# Silagecutting/distribution



## Silobuster



Self-loading feeder-distributor with cutting system or grab system  
Capacity 2.6 m<sup>3</sup>

Models		Silobuster R	Silobuster RL	Silokam R	Silokam RL
Discharge		Right	Right or left	Right	Right or left
Capacity	m <sup>3</sup> .	2.60	2.60	2.60	2.60
Overall Length	m.	1.95	1.95	1.95	1.95
Overall width	m.	2.20	2.38	2.20	2.38
Overall height	m.	1.66	1.66	1.66	1.66
Net weight	kg.	970	1.030	910	970
Width of loading board	m.	1.47	1.47	1.42	1.42
Length of cutting knife at side	m.	0.32	0.32	-	-
Max. loading height*	m.	3.00	3.00	3.00	3.00
Max. loading depth	m.	0.50	0.50	0.60	0.60
Required hydraulic capacity		25 ltr./min. 170 bar			
Tractor hydraulic requirements		1 single acting valve			
* In lifted position					

## Masterbuster



### Standaard uitvoering

Self-loading feeder-distributor with cutting system or grab system  
Capacity 2.6 m<sup>3</sup>

Models		Masterbuster R	Masterbuster RL	Masterkam R	Masterkam RL
Discharge		Right	Right or left	Right	Right or left
Capacity	m <sup>3</sup> .	2.60	2.60	2.60	2.60
Overall length	m.	1.95	1.95	1.95	1.95
Overall width	m.	2.20	2.38	2.20	2.38
Overall height	m.	1.62	1.62	1.62	1.62
Net weight	kg.	1.090	1.140	1.030	1.090
Width of loading board	m.	1.47	1.47	1.42	1.42
Length of cutting knife at side	m.	0.32	0.32	--	--
Max. loading height*	m.	3.00	3.00	3.00	3.00
Max. loading depth	m.	0.50	0.50	0.60	0.60
Required hydraulic capacity		25 ltr./min. 170 bar			
Tractor hydraulic requirements		1 single acting valve			
* In lifted position					



# Silagecutting/distribution



## UKW 3500



Self-loading feeder-distributor wagon with cutting system  
Capacity 3 m<sup>3</sup>

### Model

### UKW 3500

Discharge		Right or left
Capacity	m <sup>3</sup> .	3
Overall length	m.	3.40
Overall width	m.	2.29
Overall height	m.	1.60
Net weight	kg.	1.410
Width of loading board	m.	1.23
Length of cutting knife at side	m.	0.32
Max. loading height*	m.	3.30
Max. loading depth	m.	0.50
Tire size (2 x)		6.00-9.12 Ply (6.0 bar)
Discharge height	m.	0.50
Required hydraulic capacity		25 ltr./min. 170 bar
Tractor hydraulic requirements		1 single acting valve
* In lifted position		



# Solomix STAT

Stationary mixer feeders



Solomix 1 STAT



A stationary feed mixing system consists of several building groups:

**Group A Stationary mixer incl. supports and one discharge door with protection**

- Solomix 1 VL/ZK from 7 up to 14m<sup>3</sup>
- Solomix 2 VL/ZK from 12 up to 28m<sup>3</sup>
- Solomix 2/3 Heavy Duty from 32 up to 52m<sup>3</sup>

**Group B Electric motors**

**Group C Motorframekits**

**Group D Frequency drives**

- Variable mixing speed for easy start up at full load, quick mixing and clean discharging.

**Group E Control systems**

Plug-and-play system with remote control:

- Manual control unit with electrical protection
- Semi-automatic control unit with electrical protection for automatic loading of commodities and automatic discharge
- Automatic control unit with electrical protection for automatic loading and discharge with touch screen display

**Group F Weighing systems**

**Group G Hydraulic pump kits**

**Group H Cooling systems**

For a complete stationary mixing system at least one part of every building group must be ordered. In addition to these mandatory groups it's possible to extend the system with several discharge units such as conveyors. It is also possible to combine a stationary mixer with an feeding robot, the Triomatic T20.



Solomix 2 STAT



Solomix 3 STAT HD

## Biogas





# Truckmount

## Mixer feeder



### Standard features

- Mixing tub fixed on subframe
  - Wear ring
  - Hydrostatic drive
  - Two planetary driven vertical
  - One side discharge door at the left (front) with rounded edges for better discharge augers
  - Manual adjustable discharge chutes
  - Flexible and spacious side door covers
  - Two manual restrictor blades for the 2000L and 2400L, four restrictor blades for the 3200
  - Pre-mix door without activation kit
  - In cab controls
  - Operating viewing platform
  - Trioform auger knives short
- The hydrostatic kit includes:  
Heavy Duty pump, pumpframe with front bumper, drive shaft, hydrostatic motor with reduction gear box, oil reservoir and filter, integrated coolingsystem for planetary gearboxes and variable speed control with dual range.

Model		2000 L	2400 L	3200
Discharge		One side door left (front)		
Capacity	m <sup>3</sup> .	20	24	32
Overall length	m.	6.76	6.83	7.12
Overall width	m.	2.54	2.67	2.90
Overall height (based on chassis height of 1,17m)	m.	3.15*	3.57	3.80
Height of tub	m.	1.70	2.01	2.24
Width of discharge door	m.	0.90	0.90	0.90
Net weight	kg.	6.300	7.450	8.920
Maximum technical load	kg.	7.950	12.000	12.500
Weight hydrostatic kit	kg.	1.000	1.066	1.066
Number of auger knife positions		8	8	8
Number of knives mounted per auger		5	5	5
Scale system		4-point	4-point	4-point
Minimum engine power requirement for mixing	kW/HP	129/175	150/205	185/250
Maximum engine revolutions	rpm	2.000	2.000	2.000
Rotation direction		Counter clock wise	Counter clock wise	Counter clock wise
Voltage hydrostatic drive control	Volt	12	12	12

\* Warning: Side door will rise 23cm above the tub when completely opened

### VLX-K



### Standard features

- Mixing tub fixed on subframe
  - Wear ring
  - Hydrostatic driven
  - Two planetary driven vertical augers
  - 2,30m Long chain conveyor with Heavy Duty chain with side-shift and flow regulation, discharge at the left side
  - Two (2400L) or four (3200) manual restrictor blades
  - Pre-mix door without activation kit
  - In cab controls
  - Operating viewing platform
  - Trioform auger knives short
- Hydrostatic kit includes:  
Heavy Duty pump, pumpframe with front bumper, drive shaft, hydrostatic motor with reduction gear box, oil reservoir and filter, integrated coolingsystem for planetary gearboxes and variable speed control with dual range.

Model		2400L VLX-K	3200 VLX-K
Discharge		Cross conveyor chain/belt at front	
Capacity	m <sup>3</sup> .	24	32
Overall length	m.	7.21	7.72
Overall width	m.	2.67	2.80
Overall height m (based on chassis height of 1,17m)	m.	3.57	3.80
Height of tub	m.	2.01	2.24
Width of chain/belt conveyor	m.	1.00	1.00
Side shift	m.	0.45	0.45
Net weight (excl. hydrost. kit)	kg.	7.440	8.900
Maximum technical load	kg.	12.020	12.500
Weight of VLK unit	kg.	753	753
Weight hydrostatic kit incl. oil	kg.	1.066	1.066
Number of auger knife positions		10	12
Number of knives mounted per auger		7	9
Scale system		4-point	4-point
Minimum engine power requirement for mixing	kW/HP	150/200	185/250
Maximum engine revolutions	rpm	2.000	2.000
Rotation direction		Counter clock wise	Counter clock wise
Voltage hydrostatic drive control	Volt	12	12



# Triomatic T10/T15



## Feeding robot



### Standard features

- Robot with 2 vertical Twin Stream augers, capacity of 3m<sup>3</sup> with a cross conveyor belt at front
- The control box is on the rear with a touch screen (15") for the settings
- The feeding robot has a safety bumper at the front and rear

### T10

- 2 trolley systems, each equipped with 4 plastic wheels, which run over an I-beam
- Weighing system is fitted by means of 2 weighbars
- A power rail is fitted parallel with the I-beam, which is responsible for supply power to the Triomatic feeding robot via 2 power conductors (sliding contacts)

### T15

- Weighing system with 4 weigh bars
- The undercarriage exists of a frame with large drive wheels, to drive wheels at the centre and 2 swivelling wheels at both ends
- The two large wheels at the centre are skid steering wheels
- The power rail takes care of the power supply as well as the guiding of the feeding robot
- Two power conductors with angle sensors take care the robot is following the power rail exactly

### Technical specifications

		T10 Triomatic	T15 Triomatic
Capacity	m <sup>3</sup>	3	3
Overall length	m	3,27	3,27
Overall width	m	1,35	1,35
Net weight	kg	1.500	2.250
Maximum load (techn.)	kg	1.250	1.250
Maximum total weight	kg	2.750	3.500
Average power consumption while mixing/discharging	kW	4	4
Required electric connection	A	3x32	3x32
Required voltage	V	400~	400~
<b>Specifications track and power rail</b>			
	Required profile	IPE 180-240	--
	Standard radius curves of power rail	m	1
	Recommended width feed alley	m	2,70

# Triomatic T20/T25



Feeding robot T10 or T15 and stationary mixer



## Standard features

- One discharge door at the front or at the side
- Twin Stream (vertical) mixing auger(s) with planetary drive system, driven by 1 E-motor
- 3 adjustable supports for the Solomix 1 STAT and 4 adjustable supports for the Solomix 2 and 3 STAT
- Two manually operated restrictor blades (Solomix 1 700 STAT has 1 restrictor blade)
- Trioform auger knives
- Dismountable auger support (Solomix 2 2400 STAT and larger)
- Horizontal Flow system for Solomix 2 and 3 STAT
- Wear ring made of a material thicker than the walls
- Rigid chassis under the bottom

## Technical specifications

On page 58 you will find a description of feeding Robot T10 and T15

Capacity of stationary mixer	m <sup>3</sup>	7 till 52
Number of augers		1, 2 or 3
Required voltage	V~	400

# Triomatic T30/T35



Feeding robot T10 or T15 with feed bunkers



## Standard features

- Triomatic feeding robot (as described for the Triomatic T10/T15)
- Hydraulic pump unit for operating the bottom chain, dispenser rollers and door for the Triomatic T30 feed bunkers
- Control box for electrically operated valves, manual control and an emergency stop
- Triomatic T30 feed bunkers with a capacity of 18m<sup>3</sup> / 650cu.ft
  - o Stainless steel bottom
  - o Galvanized or stainless steel walls
  - o 2 dispenser rollers
  - o 2 bottom chains in plastic guide rails
  - o Painted frame
  - o Double bottom, including a plastic bottom mounted under the return at the bottom side

## Technical specifications

### Specification Triomatic T30 storage bunker

The feeding robot for the Triomatic T30/T35 system is exactly the same as the one for the Triomatic T10/T15 system

Capacity	m <sup>3</sup>	18
Length	m	6,29
Width	m	3,03
Height	m	3,71
Height back wall (from floor)	m	1,48
Height side walls (from floor)	m	2,20
Required dept feed kitchen (building)	m	8,00
Minimum height feed kitchen (building)	m	4,00
Minimum entrance height feed kitchen	m	4,00
Maximum load (depending on product)	kg	8.000
Maximum length feed	mm	150
Installed electrical power hydraulic unit	kW	7,50
Average power consumption while discharging	kW	2,50
Required electrical connection 3-phase	A	3x32
Required voltage 3-phase	V~	400



# Triomatic T40/T45



Feeding robot T10 or T15 with horizontal feed floors and cutting unit



## Standard features

- 2 feed floors with a length of 6.25 m
- Cutting unit
- Cross and elevating chain conveyor
- Central control box with 15" touch screen and internet modem

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## Technical specifications

### Technical specifications of Triomatic T40 feed kitchen

Triomatic feeding robot (as described for Triomatic T10/T15)

Maximum number of feed floors	No.	8
Length of standard feed floors	m	6,25
Length of feedfloors with extension	m	7,60 / 8,90
Width of feed floors (between the walls)	m	1,95
Maximum storage capacity for grass silage on feed floor 6.25m	kg	±9.000
Maximum storage capacity for maize silage on feed floor 6.25m	kg	±15.000
Maximum silage block height (or bale height)	m	1,80
Slice thickness setting per feed floor (every 2.5cm)	cm	2,5-35
Required height in feed kitchen	m	3,60
Required entrance height of the feed kitchen	m	4,00
Average power consumption while cutting	kW	3,00
Required electrical connection	A	3x32
Required electrical connection incl. feeding robot	A	3x50
Required voltage	V~	400

# Trioliet sales organization

Country	Sales organization	Sales contact
Australia	Muddy River Agricultural Inc.	Peter Jack
United Kingdom	Glenn Williams (North-UK/Scotland) Simon Ward (South-UK)	
Ireland	Padraig O'Kane	
USA	Norbert Schaaf (Wisconsin) Alan Brandmeyer (USA Mid-West) Ed Jackman (USA North-East) Matt Delahanty (USA West)	
Algeria	Agriprom Algérie SARL	Malek Seraoui
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Canada	Alan Brandmeyer (Saskatchewan/Manitoba) Ed Jackman (Ontario/Quebec) Matt Delahanty (Alberta/Britisch Columbia)	
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Costa Rica	Saturnia	Marco Sansonetti
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Cyprus	Kakkis Agrifuture Products LTD	Philippos Kakkis
Czech Republic	HZT Technik s.r.o. ZD Vřestary	Petr Dlouhy Zdenek Novák
Denmark	Stenderup A/S	Thomas Jessen
Egypt	Trioliet B.V.	Robin Hansen
Estonia	AgriLand OÜ	Indrek Lindsaar
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Germany	Gerd Knuth (Schleswig-Holstein/Weser-Elbe/Mecklenburg-Vorpommern) Christian Spork (Niedersachsen/NRW Noord) Clemens Zerbe (NRW South/Rheinland Pfalz/Saarland/Hessen) Arnold Kloppenburg (Brandenburg/Berlin/Sachsen-Anhalt North) Klaus Sommer (Ober- en Unterfranken/Sachsen/Thüringen/Sachsen-Anhalt South) Björn Fritz (Allgäu/Baden-Württemberg) Alois Rosinger (Oberpfalz/Niederbayern/Oberbayern East) Martin Hausmann (Mittelfranken/Schwaben-North/Oberbayern North and South)	
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Hungary	Inter-Mix Kft.	Endre Bobok
Iceland	Landstolpi EHF	Saevar Örn Gislason
India	Milkwell	Ajay Panchal
Italy	Guillermo Keegan Thomas Fragner (South-Tirol)	
Japan	Vicon Japan k.k.	Yasuto Mori
Kazakhstan	CT Agro	Joerg Voschepoth
Latvia	ERGO e.b.f.	Juris Kalnins
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Luxembourg	Atelier Noé	J.M. Noé
Macedonia	Sinpeks D.O.O.	Sinisa Petrovic
Mexico	Power Mix de México, S.A. de C.V. SOFOM E.N.R.	Salvador Becerra Martin
The Netherlands	Trioliet B.V.	Harry Kleverkamp
New Zealand	Landpower New Zealand Ltd.	Dave Knowles
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