

Solomix1 500-1400

feeding

mixing

loading

cutting

- ▲ New Trioform Auger Knives for Rapid Cutting, Minimum Horse Power and Long Life.
- ▲ Rounded Tub Walls and Doors for Maximum Feed Movement.
- ▲ 3-Point scale system and construction for Accuracy and Durability.
- ▲ Unique Auger Design for Rapid Homogeneous Mixing and Uniform Discharge.

Solomix1 500-1400



Trioliet: Invents for you.

Standard Features Solomix 1, 800-1400:

- ▲ Two large discharge doors left and right (Model ZK)
- ▲ Cross conveyor belt at front (Model VL)
- ▲ 8 mm/ 5/16" sidewalls
- ▲ 12 mm /1/2" tub wear ring
- ▲ Two manual counter knives
- ▲ Front Observation Window
- ▲ Ladder and platform
- ▲ Special HD low profile tires
- ▲ Twin Stream Auger with Trioform Knives
- ▲ Constant Velocity 540 PTO shaft
- ▲ Adjustable and reversible hitch
- ▲ Planetary drive system with 2 year warranty
- ▲ Digi-Star scale with 43 mm/1.7" backlit characters
- ▲ Hydraulic brakes

Optional Equipment:

- ▲ Discharge Chutes and Magnets
- ▲ 2'-5' (0,60 – 1,50 m) HD discharge chain conveyors
- ▲ 3' (0,9 m) or 5' (1,5 m) belt conveyor
- ▲ Hydraulic jack
- ▲ Rear Pre-Mix Door
- ▲ Hay ring
- ▲ Lighting set
- ▲ Electric operation of doors and accessories
- ▲ Programmable Digi-Star Scale
- ▲ Digi-Star Remote scale displays
- ▲ Reduction Gearbox
- ▲ Rubber Door Covers



Solomix1 500-1400



Trioform auger knives

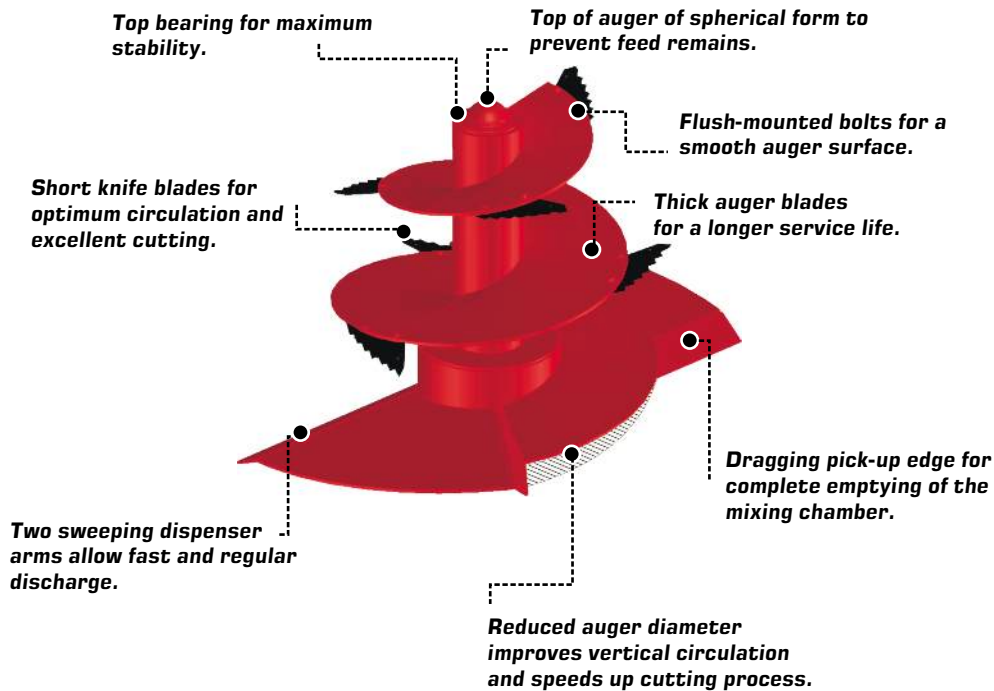
Benefits of the Trioform auger knives:

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



Twin Stream mixing auger

Optimum mixing, cutting and distribution.



Regular discharge by new type of discharge door.



Solomix 1, model 500 ZK



Easy loading

Solomix1 500-1400

Standard Features Solomix 1, 500-900:

- ▲ Two large discharge doors left and right (Model ZK)
- ▲ Cross conveyor belt at front (Model VL)
- ▲ 6 mm/1/4" sidewalls
- ▲ 10 mm/ 3/8" tub wear ring
- ▲ One manual counter knife
- ▲ Ladder and platform
- ▲ Special HD low profile tires
- ▲ Twin Stream Auger with Trioform Knives
- ▲ Constant Velocity 540 PTO shaft
- ▲ Fixed hitch
- ▲ Planetary drive system with 2 year warranty
- ▲ Digi-Star scale with 43 mm/1.7" backlit characters
- ▲ Hydraulic brakes

Optional Equipment:

- ▲ Discharge Chutes and Magnets
- ▲ 2'-5' (0,60 – 1,50 m) HD discharge chain conveyors
- ▲ 3' (0,9 m) or 5' (1,5 m) belt conveyor
- ▲ Hydraulic jack
- ▲ Rear Pre-Mix Door
- ▲ Hay ring
- ▲ Lighting set
- ▲ Electric operation of doors and accessories
- ▲ Programmable Digi-Star Scale
- ▲ Digi-Star Remote scale displays
- ▲ Reduction Gearbox
- ▲ Rubber Door Covers



Trioliet: Invents for you.

Optional Features

- Show chain of chain conveyor
- Pivoting chute with magnet
- Rubber side door covers
- Hay ring rubber
- Electric control box
- Cab Control in loader



Electric operation.



Mineral chute.



Discharge chain conveyor or belt conveyor with magnet.



Hay ring Rubber - high profile (height increase 215 mm/8.5")



Programmable Digi-Star scale EZ 3600 V



Rubber side door covers.

Technical Data

Type	700 VL	800 VL	900 VL	1000 VL	1200 VL/AL	1400 VL
Discharge conveyor	at front	at front	at front	at front	at front/at rear	at front
Capacity m ³ ./Cu Ft.	7/250	8/280	9/320	10/350	12/430	14/500
Length m./Inch.	4.56/180"	4.82/190"	4.70/185"	4.90/193"	4.92/194"-5.08/200"	5.20/205"
Width m./Inch.	2.15/85"	2.30/91"	2.15/85"	2.30/91"	2.45/96"	2.44/96"
Height* m./Inch.	2.40/94"	2.48/98"	2.76/109"	2.77/109"	2.94/116"	3.01/119"
Trackwidth m./Inch.	1.86/73"	1.91/75"	1.86/73"	1.91/75"	1.91/75"	2.11/83"
Discharge height m./Inch.	0.74/29"	0.75/30"	0.74/29"	0.75/30"	0.75/30"	0.75/30"
Net weight kg./Lbs	2.585/5,700	3.540/7,800	2.825/6,230	3.740/8,250	4.050/8,930	4.540/10,010
Max. load kg./Lbs.	2.500/5,510	3.500/7,720	3.000/6,610	4.000/8,820	4.500/9,920	5.000/11,020
Number of knives per auger	4	5	5	6	7	9
Discharge height with belt ext. m./Inch.	0.85/33"	0.92/43"	0.85/33"	0.92/43"	0.92/43"	0.92/43"
Min. Horsepower kW/HP	40/55	48/65	44/60	50/68	55/75	60/82
Tyre size (2 x)	350/50 16 12 PR	400/45 L 17.5	350/50 16 12 PR	400/45 L 17.5	400/45 L 17.5	400/45 L 17.5
Width of discharge belt m./Inch.	0.75					
Required hydraulic capacity	20 ltr./min., 170 bar/5.29 gallons/min. 2465 psi					
Tractor hydraulic requirements	1 single acting valve					

* Customization is available on some machines upon request

Type	500 ZK	700 ZK	800 ZK	900 ZK	1000 ZK	1000 L ZK	1200 ZK	1200 L ZK	1400 (C)ZK
Discharge	2 Side doors								
Capacity m ³ ./Cu Ft.	5/180	7/250	8/280	9/320	10/350	10/350	12/410	12/410	14/500
Length m./Inch.	4.23/167"	4.38/172"	4.58/180"	4.49/177"	4.67/184"	4.82/190"	4.70/185"	4.90/193"	5.00/197"
Width m./Inch.	2.18/86"	2.16/85"	2.40/94"	2.16/85"	2.40/94"	2.65/104"	2.40/94"	2.65/104"	2.65/104"
Height* m./Inch.	2.15/85"	2.40/94"	2.50/98"	2.76/109"	2.77/109"	2.48/98"	2.96/117"	2.76/109"	3.01/119"
Trackwidth m./Inch.	1.78/70"	1.86/73"	1.91/75"	1.86/73"	1.91/75"	2.11/83"	1.91/75"	2.11/83"	2.11/83"
Discharge height m./Inch.	0.81/32**	0.82/32**	0.82/32"	0.82/32**	0.82/32"	0.82/32"	0.82/32"	0.82/32"	0.82/32"
Net weight kg./Lbs	1.900/4,190	2.430/5,360	3.290/7,250	2.670/5,890	3.490/7,690	3.590/7,910	3.685/8,120	3.800/8,380	4.100/9,040
Max. load kg./Lbs.	2.200/4,850	2.500/5,510	3.500/7,720	3.000/6,610	4.000/8,820	4.500/9,920	4.500/9,920	4.500/9,920	5.000/11,020
Number of knives per auger	4	4	5	5	6	6	6	7	9
Min. Horsepower kW/HP	40/55	40/55	48/65	44/60	50/68	55/75	55/75	60/82	60/82
Tyre size (2 x)	10.0/75-15.3 18PR	350/50 16 12PR	400/45 L 17.5	350/50 16 12PR	400/45 L 17.5				
Required hydraulic capacity	20 ltr./min., 170 bar/5.29 gallons/min. 2465 psi								
Tractor hydraulic requirements	2 double acting valves								

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** Without slide

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



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Wearing as a standard feature.



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