



SILOKING

Product range



SILOKING

Quality from the premium manufacturer for feed mixers!

SILOKING Canada Ltd.

Sales and service for
Canada and USA.



Putnam (CA)

SILOKING do Brasil

Sales and service for
South America.



São José do Rio Preto (BR)



simply | intelligent | feeding

All of SILOKING's considerations refer to "simply | intelligent | feeding" – focusing on the requirements of the cow and the farmer, finding solutions and implementing them.

The company

SILOKING Mayer Maschinenbau GmbH produces innovative feeding technology and distributes it in more than 50 countries all over the world. The owner-managed family company is based in Tittmoning in Bavaria. With more than 500 employees and latest production methods, agricultural machines "Made in Germany" are developed and manufactured with high quality standards.

Successful concepts

SILOKING Innovations are based on intensive research, the practically experienced developers' know-how and intensive test series on farms. The focus is always on the requirements of modern agriculture. First-class feed quality is as important as are reliability, safety, long life and efficiency of the machines.

A complete range of SILOKING Feed mixing technology and collection and distribution technology is produced in series and offers the perfect solution for any farm.



SILOKING Elbe/Weser

Sales and service.

Gnarrenburg (DE)



SILOKING

Slovakia

Production.

Záhorská Ves (SK)

Tittmoning (DE)

SILOKING Headquarters

Development, innovation and production for all markets. Sales in Europe and international markets.

SILOKING Rus OOO

Sales and service for Russia.

Lipetsk (RU)



Beijing (CN)

SILOKING Agricultural

Machinery Beijing Co. Ltd.

Sales and service for Chinese market and Asia.

High quality



MADE IN GERMANY

SILOKING



Reliability

The series production as well as continuous quality and end controls ensure highest quality standard and efficient production, because serial production creates reliability. At SILOKING, the high level of vertical integration also involves comprehensive documentation and organization of spare parts supply.

Security

Active sales worldwide through our own subsidiaries in Brazil, Canada, China and Russia as well as audited partners make SILOKING a competent producer. Thanks to experts and comprehensive spare parts inventory on site, purchasing a SILOKING is a reliable thing worldwide.

Experience

With over 37,750 units in the market, SILOKING has wide experience in manufacturing absolutely reliable, durable and efficient products. Flexible assembly lines allow an up-to-date product mix and a high product output.



TruckLine e.0

12 - 20 m³

Page 26 - 29

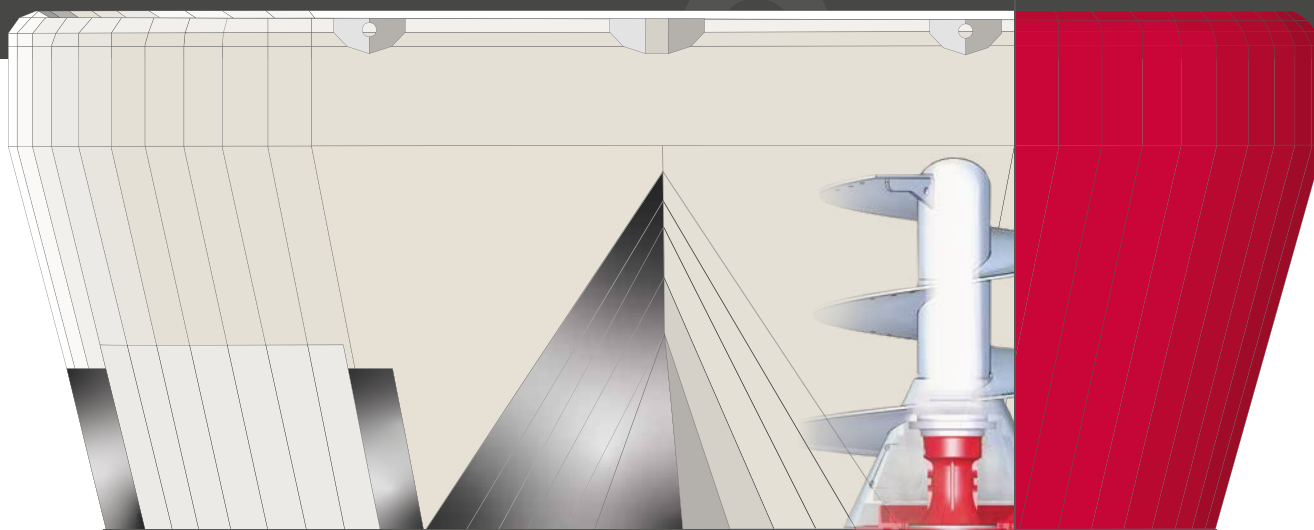


StaticLine 4.0

6 - 80 m³

Page 30 - 35

SILOKING 4.0 assemblies



 = SILONOX

Hopper : auger

always optimal ratio

- ▶ Short mixing times
- ▶ Preserving the feed structure
- ▶ Homogeneous mix

Edged hopper

- ▶ Slows down the feed in its circular movement
- ▶ Supports vertical mixing
- ▶ Higher stability of the hopper



e. g. Premium 2218-22
with 3 windings



e. g. Premium 2218-20
with 2.5 windings



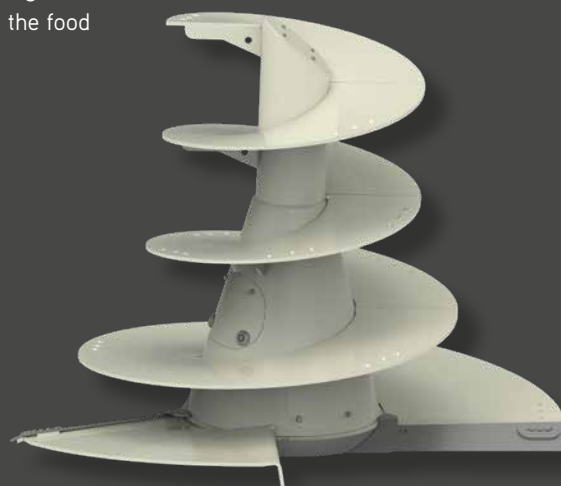
e. g. Premium 2218-18
with 2 windings



Turbo auger

Short mixing times and quick & regular emptying

- ▶ 4-planet gearbox for extreme performance
- ▶ Adjustable scraping bar made of SILONOX – collects concentrates from the ground
- ▶ Neodymium heavy-duty magnet – reliably removes foreign materials from the food
- ▶ Easy and safe cleaning thanks to the removable housing



Chassis

- ▶ Robust and torsion-resistant square-bar frame for accurate weighing
- ▶ Developed for long life

SILOKING standard



Square-bar frame – more robust, stronger, more durable



Load cells

- ▶ Precise weighing results thanks to pin-point weight sensing
- ▶ Safely protected against acids and stone chipping



Comfort cab

Efficiency & comfort

- ▶ 10" display
- ▶ Spacious cab
- ▶ Intuitive control via multifunctional armrest

Efficiency

Engine & hydraulic system exactly aligned to each other

- ▶ Extremely powerful and very economical at the same time
- ▶ Developed for long life



2 m wide high-performance milling head

Maximum feed loading capacity

- ▶ Knives arranged on a spiral
- ▶ Quick & regular loading while being gentle on the feed
- ▶ 700 mm wide conveying channel



SILOKING TrailedLine 4.0



100 %

Feeding control
SILOKING Data



100 %

Minimum maintenance – maximum performance
100 % oil-lubricated SILOKING
4-planet gearbox



Short mixing times & optimal preservation of feed structure
Optimal hopper geometry and
turbo auger



3 x

higher durability
SILONOX Wear protection



> 99 %

Weighing accuracy (top agrar test 2012)
Square-bar frame with load cells in a
special position





With various discharge options, the feed mixer can be individually adapted to the farm conditions.

SILOKING TrailedLine 4.0 Compact

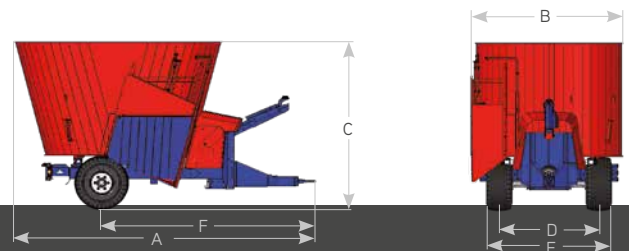
The compact allrounder with hopper capacities from 7 m³ to 14 m³

The SILOKING Compact is particularly suited for use with confined buildings. **TrailedLine** 4.0 Compact models also break up round bales without problems.

The compact range is characterized by high manoeuvrability and smooth running. The models come with SILOKING Data T as standard.



The robust underrun protection with integrated lighting provides optimal protection by day and by night.



Technical specifications

Model		Compact 7	Compact 8	Compact 8-T	Compact 9	Compact 10	Compact 10-T	Compact 12	Compact 14
A Length	mm	4.510	4.550	4.670	4.710	4.750	4.840	4.900	4.980
F Distance towing eye - axle	mm	3.250	3.250	3.250	3.250	3.250	3.390	3.390	3.390
B Width	mm	2.250	2.250	2.400	2.400	2.400	2.550	2.550	2.550
C Height*	mm	2.350	2.500	2.420	2.560	2.720	2.530	2.780	3.130
D Track width	mm	1.550	1.550	1.550	1.550	1.550	1.700	1.700	1.750
E Outer width of wheels	mm	1.880	1.880	1.880	1.880	1.880	2.030	2.030	2.250
Turbo auger		1	1	1	1	1	1	1	1
Auger windings		1,75	1,75	2	2	2,5	2	2,5	3
Adjustable XS knives		5	5	6	6	7	6	7	8
Turbo auger speed (PTO speed 540 rpm)	rpm	18/35	18/35	18/35	18/35	18/35	18/35	18/35	18/35
Capacity	m ³	7	8	8	9	10	10	12	14
max. drawbar load	kg	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
max. total weight (technically) 15 km/h	kg	8.500	8.500	8.500	8.500	8.500	8.500	9.300	10.400
Empty weight of basic machine	kg	3.350	3.450	3.750	3.850	3.950	4.200	4.350	4.650

* lowest available height

SILOKING TrailedLine 4.0



SILOKING TrailedLine 4.0 Premium 1814 / 2218 / 3022

The variable allrounder for your requirements with
hopper capacities from 14 m³ to 30 m³

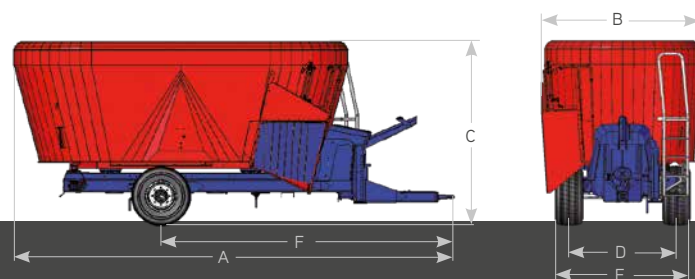
The SILOKING **TrailedLine** 4.0 Premium range convinces with short mixing times and homogeneous mixing results thanks to the edged hopper shape. All models are equipped with SILONOX wear protection in the area of the wedge-shaped hopper recesses and of the discharge door. The robust and torsion-free square-bar frame together with the powerful 4-planet gearbox ensures high operational reliability.

Choosing from different hopper heights and tyres makes it possible to adapt the machine exactly to the passage heights in the barn or to the maximum height of the loading vehicle. Nevertheless, the heights of the hopper and the turbo augers always present the perfect ratio to fulfill the quality requirements of hopper geometry.

Models from **TrailedLine** 4.0 Premium 3022-26 upwards are equipped with a tandem axle (with steering axle or steering axle with forced steering as option).



SILOKING **TrailedLine** 4.0 Premium –
exactly tailored to meet your requirements!



Technical specifications

Model		Premium 1814-14	Premium 1814-16	Premium 1814-18	Premium 2218-18	Premium 2218-20	Premium 2218-22	Premium 3022-22	Premium 3022-24	Premium 3022-26	Premium 3022-28	Premium 3022-30
A Length	mm	6.650	6.650	6.650	7.100	7.100	7.100	7.450	7.450	7.450	7.450	7.450
F Distance towing eye - axle	mm	4.420	4.420	4.420	4.620	4.620	4.620	4.800	4.800	4.200**	4.200**	4.200**
B Width	mm	2.330	2.330	2.330	2.530	2.530	2.530	2.710	2.710	2.710	2.710	2.710
C Height*	mm	2.650	2.800	2.950	2.660	2.830	3.000	2.750	2.920	3.180	3.330	3.450
D Track width	mm	1.500	1.500	1.500	1.700	1.700	1.700	1.700	1.700	1.700	1.700	1.700
E Outer width of wheels	mm	1.950	1.950	1.950	2.150	2.150	2.150	2.150	2.150	2.150	2.150	2.150
Turbo augers		2	2	2	2	2	2	2	2	2	2	2
Auger windings		2	2,5	3	2	2,5	3	2	2,5	3	3	3,5
Adjustable XS knives		12	14	16	12	14	16	12	14	16	16	18
Turbo auger speed (PTO speed 540 rpm)	rpm	18/35	18/35	18/35	18/35	18/35	18/35	18/35	18/35	18/35	18/35	18/35
Capacity	m³	14	16	18	18	20	22	22	24	26	28	30
max. drawbar load	kg	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
max. total weight (technically) 15 km/h	kg	12.000	12.400	13.500	13.500	14.600	15.700	16.100	17.500	18.900	20.500	21.100
Empty weight of basic machine	kg	5.900	6.200	6.500	6.500	6.800	7.100	7.600	7.900	8.800	9.100	9.400

* lowest available height ** with tandem axle



SILOKING TrailedLine 4.0 System 1000+ 3327 / 4535

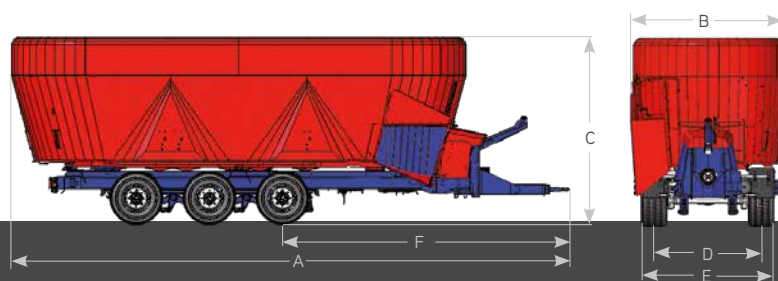
The large-volume range for maximum feeding efficiency with hopper capacities from 27 m³ to 45 m³

TrailedLine 4.0 System 1000+ is SILOKING's response to changing requirements in animal husbandry, placing the focus on time saving and precision. The 3 vertical mixing augers provide quick and homogeneous feed mixing, which additionally saves diesel. Available with different hopper widths as well as hopper heights from 2.87 m, the System 1000+ is ideal for herds of 300 cows and more. Flexibility that always fits!

With the SILOKING tandem or tridem axle, the weight is distributed evenly between the rigid or steering axles. This meets special requirements for transport capacity and manoeuvrability.



Capacity and maximum payload in the spotlight!



Technical specifications

Model		System 1000+ 3327-27	System 1000+ 3327-30	System 1000+ 3327-33	System 1000+ 4535-35	System 1000+ 4535-40	System 1000+ 4535-45
A Length	mm	9.550	9.550	9.550	9.900	9.900	9.900
F Distance towing eye - axle	mm	5.100**	5.100**	5.100**	5.350**	4.950***	4.950***
B Width	mm	2.530	2.530	2.530	2.710	2.710	2.710
C Height*	mm	2.850	3.000	3.190	2.990	3.320	3.530
D Track width	mm	1.700	1.700	1.700	1.900	1.900	1.900
E Outer width of wheels	mm	2.150	2.150	2.150	2.350	2.350	2.350
Turbo augers		3	3	3	3	3	3
Auger windings		2	2,5	3	2	3	3,5
Adjustable XS knives		18	21	24	18	24	27
Turbo auger speed (PTO speed 1.000 rpm)	rpm	22/40	22/40	22/40	22/40	22/40	22/40
Capacity	m ³	27	30	33	35	40	45
max. drawbar load	kg	2.500	2.500	2.500	3.000	3.000	3.000
max. total weight (technically) 15 km/h	kg	19.300	21.000	22.000	24.000	30.100	32.600
Empty weight of basic machine	kg	11.350	11.800	12.250	13.000	14.100	14.600

* lowest available height ** with tandem axle *** with tridem axle

SILOKING TrailedLine 4.0



SILOKING TrailedLine 4.0 Duo Avant 2014

Low drag resistance and quick mixing, with hopper capacities from 14 m³ to 22 m³

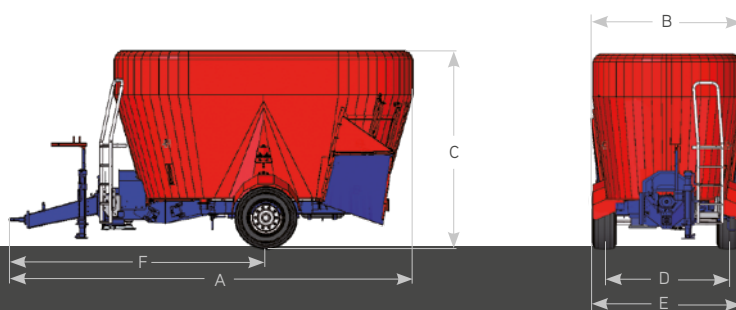
Due to the optimized hopper geometry, combined with a particularly compact design, a considerably higher utilization of the hopper volume can be achieved. In addition, the Duo Avant offers low drag resistance and reliable function.

The conical shape of the mixing hopper with adapted turbo auger allows for very quick and precise mixing of all feed components. It is a key feature ensuring perfect return even of long-fibred material to the bottom area of the mixing unit. Low drag resistance and high flexibility make the Duo Avant particularly efficient.

The rounded FlowPlus hopper ring takes the feed from the top back down into the mixing process, thus ensuring clog-free working, even when processing round bales.



The range for increased flexibility and efficiency!



Technical specifications

Model		Duo Avant 2014-14	Duo Avant 2014-16	Duo Avant 2014-18	Duo Avant 2014-20	Duo Avant 2014-22
A Length	mm	6.750	6.750	6.750	6.750	6.750
F Distance towing eye - axle	mm	4.320	4.320	4.320	4.320	4.320
B Width	mm	2.440	2.440	2.440	2.440	2.440
C Height	mm	2.640	2.740	2.950	3.160	3.360
D Track width	mm	2.050	2.050	2.050	2.050	2.050
E Outer width of wheels	mm	2.440	2.440	2.440	2.440	2.440
Turbo augers		2	2	2	2	2
Auger windings		2	2,5	3	3	3,5
Adjustable XS knives		12	14	16	16	18
Turbo auger speed (PTO speed 540 rpm)	rpm	18/35	18/35	18/35	18/35	18/35
Capacity	m³	14	16	18	20	22
max. drawbar load	kg	2.000	2.000	2.000	2.000	2.000
max. total weight (technically) 15 km/h	kg	11.000	12.000	13.000	14.000	14.000
Empty weight of basic machine	kg	5.400	5.600	5.800	6.000	6.300



Quick mixing and many discharge options combined!

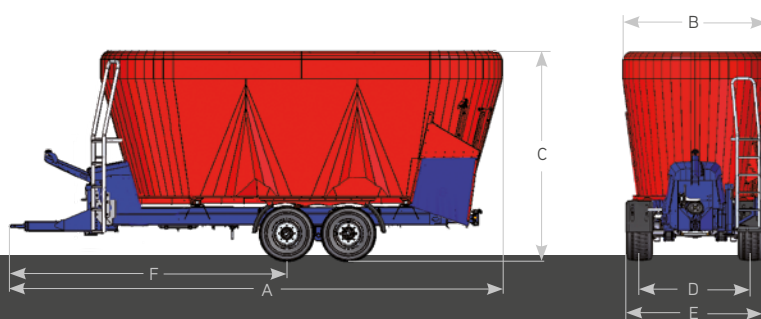
SILOKING TrailedLine 4.0 Duo Avant 3227

Maximum capacity and low power requirement combined with hopper capacities from 27 m³ to 32 m³

Due to the small diameter of the bottom plate and the conical hopper shape, only from 100 kW are required for the drive of the innovative 3-auger vertical feed mixer with 27 m³ and 32 m³ capacities.

The machine starts without any problems even with a payload of up to 12 tonnes and after a long idle time. This is gentle on the tractor's drive.

The 3 vertical mixing augers provide quick and homogeneous feed mixing, which additionally saves time and diesel. Various discharge options adapt to the requirements in the barn.



Technical specifications

Model		Duo Avant 3227-27	Duo Avant 3227-32
A Length	mm	8.450	8.450
F Distance towing eye - axle	mm	4.850	4.850
B Width	mm	2.500	2.500
C Height*	mm	3.200	3.480
D Track width	mm	1.900	1.900
E Outer width of wheels	mm	2.250	2.250
Turbo augers		3	3
Auger windings		3	3,5
Adjustable XS knives		24	27
Turbo auger speed PTO speed 1.000 rpm)	rpm	22/40	22/40
Capacity	m ³	27	32
max. drawbar load	kg	2.000	2.000
max. total weight (technically) 15 km/h	kg	20.600	23.000
Empty weight of basic machine	kg	9.800	10.200

* lowest available height

SILOKING TrailedLine Classic



100 %

Feeding control

SILOKING Data (as an option)



Especially high weighing accuracy

Square-bar frame with load cells in a special position



Short mixing times & optimal preservation of feed structure

Optimal hopper geometry and turbo auger

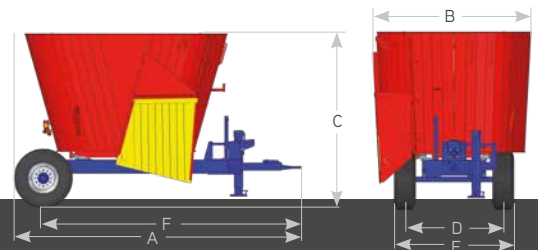
SILOKING TrailedLine Classic Smart

The entry into perfect mixing performance with a hopper capacity of 5 m³

The SILOKING Smart has been developed with two important facts in mind – minimum cost with maximum reliability!

It fulfils these requirements in a perfect way, offering proven SILOKING technology that is reliable as usual.

The compact design provides it with optimal manoeuvrability for flexible use and makes it the first choice especially for smaller farms.



Technical specifications

Model*		Smart 5 SVR	Smart 5 SVR / SHL	Smart 5 SHM	Smart 5 SHL
* SVR: discharge door at front right, SHM: discharge door at rear centre, SHL: discharge door at rear left					
A Length	mm	3.400	3.500	3.600	3.500
F Distance towing eye - axle	mm	2.960	3.130	2.960	3.130
B Width	mm	2.080	2.150	2.030	2.080
C Height	mm	2.280	2.280	2.280	2.280
Tyres		10.0/75-15.3 14 PR	10.0/75-15.3 14 PR	10.0/75-15.3 14 PR	10.0/75-15.3 14 PR
D Track width	mm	1.300	1.300	1.300	1.300
E Outer width of wheels	mm	1.600	1.600	1.600	1.600
Mixing auger		1	1	1	1
Adjustable XS knives		4	4	4	4
Mixing auger speed (PTO speed 540 rpm)	rpm	32	32	32	32
Capacity	m ³	5	5	5	5
Upper linkage height	mm	900	900	900	900
Lower linkage height	mm	500	500	500	500
max. drawbar load	kg	800	800	800	800
max. total weight (technically)	kg	3.800	3.850	3.800	3.800
Empty weight	kg	1.800	1.850	1.800	1.800
Load cells		3	3	3	3



SILOKING TrailedLine Classic Compact

The medium range – compact with the benefits of a big feed mixer, with hopper capacities from 7 m³ to 14 m³

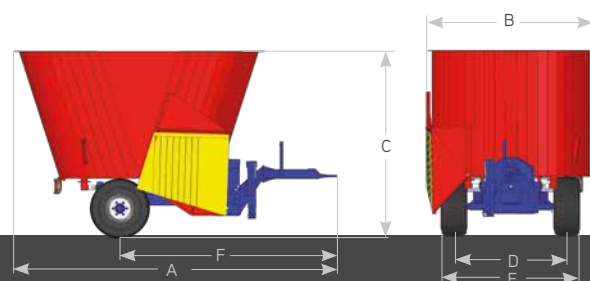
The SILOKING **TrailedLine** Classic Compact range with one turbo auger is ideal even for use in confined buildings, e. g. with small and low barn passages. The short chassis is particularly flexible and easy to manoeuvre. The drive and the frame are designed for maximum continuous load even in this range.



Thanks to its hopper geometry and the robust drive, the machine can be used not only for standard mixes but also for breaking up round bales and for cutting long-fibred feed.

Comprehensive serial equipment, such as the 2-speed gearbox from model Compact 10-T upwards, the underrun protection with lighting and the ladder mounted to the frame is SILOKING standard.

A large variety of discharge options is offered to suit any farm, from feed discharge via discharge doors on the right or on the left, through the SILOKING cross conveyor belt at front or at rear, to an additional foldable conveyor belt for very high troughs.



Technical specifications

Model		Compact 7	Compact 8	Compact 9	Compact 10	Compact 10-T	Compact 12	Compact 14
A Length	mm	4.300	4.500	4.550	4.650	4.700	4.750	4.800
F Distance towing eye - axle	mm	3.070	3.070	3.070	3.070	3.220	3.220	3.220
B Width	mm	2.060	2.250	2.250	2.400	2.550	2.550	2.550
C Height	mm	2.520	2.440	2.640	2.750	2.570	2.770	3.140
Tyres		10.0/75-15.3 22PR	10.0/75-15.3 22PR	10.0/75-15.3 22PR	400/60-15.5 14PR	400/60-15.5 14PR	400/60-15.5 14PR	435/50 R19.5
D Track width	mm	1.550	1.550	1.550	1.550	1.700	1.700	1.750
E Outer width of wheels	mm	1.850	1.850	1.850	1.980	2.130	2.130	2.200
Turbo auger		1	1	1	1	1	1	1
Auger windings		1,75	2	2	2	2	2	3
Adjustable XS knives		5	6	6	7	7	7	9
Turbo auger speed (PTO speed 540 rpm)	rpm	24	24	24	24	17 / 33	17 / 33	17 / 33
Capacity	m ³	7	8	9	10	10	12	14
Upper linkage height	mm	840	840	840	900	850 / 900	850 / 900	890 / 940
Lower linkage height	mm	340	340	340	400	400	400	440
Cross conveyor belt length	mm	2.020	2.020	2.020	2.020	2.340	2.340	2.340
Cross conveyor belt width	mm	700	700	700	700	700	700	700
Discharge height from cross conveyor belt	mm	720	720	720	800	800	800	880
Lower edge of cross conveyor belt	mm	540	540	540	620	620	620	700
max. drawbar load	kg	1.000	1.000	1.000	1.000	1.000	1.000	1.000
max. total weight (technically)	kg	7.000	7.000	7.150	7.800	8.250	9.200	10.300
Empty weight	kg	2.950	3.450	3.550	3.800	4.250	4.400	4.700
Load cells		3	3	3	3	3	3	3

SILOKING

TrailedLine

Classic



SILOKING TrailedLine Classic Premium

The heavy-duty range with comfortable professional equipment, with hopper capacities from 9 m³ to 14 m³

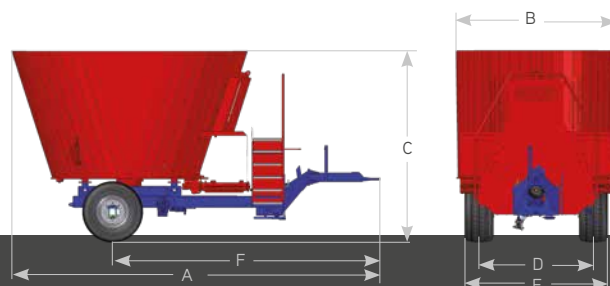
The frame and the drive are designed for maximum continuous load and the standard equipment including comfortable steps from both sides and the SILOKING cross conveyor belt makes it the professional machine for daily feeding.

The platform with aluminium step treads provides convenient and safe access from both sides of the machine. It is mounted onto the frame itself so that the operator climbing onto it is not weighed, which is particularly important, e. g. when adding mineral feed.

The SILOKING cross conveyor belt at front with slats of different heights and two-sided drive via 2 hydraulic oil motors belongs to the standard equipment of the machine, just as much as 4 load cells from model Premium 11 upwards.



The range with comfort features.



Technical specifications

Model		Premium 9	Premium 10	Premium 11	Premium 12	Premium 13	Premium 14
A Length	mm	5.200	5.250	5.300	5.350	5.400	5.450
F Distance towing eye - axle	mm	3.670	3.670	3.750	3.750	3.750	3.960
B Width	mm	2.360	2.360	2.520	2.520	2.520	2.520
C Height	mm	2.620	2.820	2.700	2.800	2.950	3.140
Tyres		400/60-15.5 14 PR	400/60-15.5 14 PR	400/60-15.5 14 PR	400/60-15.5 14 PR	400/60-15.5 14 PR	435/50 R19.5
D Track width	mm	1.550	1.550	1.700	1.700	1.700	1.750
E Outer width of wheels	mm	1.980	1.980	2.130	2.130	2.130	2.200
Turbo auger		1	1	1	1	1	1
Auger windings		2	2	2	2	2,5	3
Adjustable XS knives		7	7	7	7	8	9
Turbo auger speed (PTO speed 540 rpm)	rpm	24	24	17 / 33	17 / 33	17 / 33	17 / 33
Capacity	m ³	9	10	11	12	13	14
Upper linkage height	mm	900	900	850 / 900	850 / 900	850 / 900	890 / 940
Lower linkage height	mm	400	400	400	400	400	440
Cross conveyor belt length	mm	2.020	2.020	2.340	2.340	2.340	2.340
Cross conveyor belt width	mm	700	700	700	700	700	700
Discharge height from cross conveyor belt	mm	840	840	840	840	840	880
Lower edge of cross conveyor belt	mm	660	660	660	660	660	700
max. drawbar load	kg	1.000	1.000	1.000	1.000	1.000	1.000
max. total weight (technically)	kg	8.000	8.100	8.820	9.300	9.870	10.400
Empty weight	kg	4.000	4.100	4.420	4.500	4.670	4.800
Load cells		3	3	4	4	4	4



SILOKING TrailedLine Classic Duo

The range for big mixing volumes and confined barn passages, with hopper capacities from 12 m³ to 25 m³

The SILOKING Duo with 2 turbo augers addresses the workload of large farms and farms with narrow barn passages.

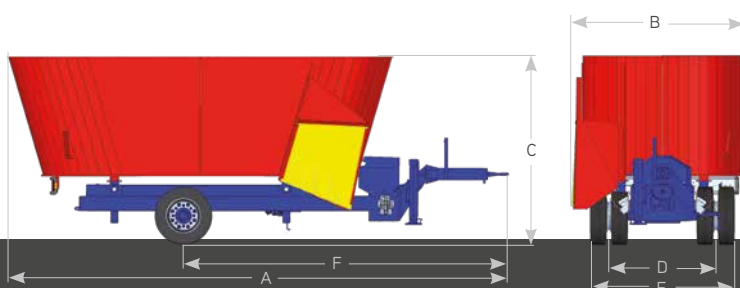
With its 2 high-performance turbo augers, the SILOKING Duo offers enormous capacities, even with longer transport distances and big herds. The 2-speed gearbox as standard equipment and the appropriate hopper geometry offer smooth operation and optimal mixing results.



SILOKING **TrailedLine** Classic Duo 14-T has a total height of just 2.45 m.



The SILOKING **TrailedLine** Classic Duo can also be equipped with a tandem axle for high load and long driving distances.



Technical specifications

Model		Duo 12	Duo 13	Duo 14	Duo 14-T	Duo 16	Duo 18	Duo 18-T	Duo 20	Duo 22	Duo 25
A Length	mm	6.000	6.200	6.250	6.550	6.550	6.600	6.850	6.900	6.940	7.350
F Distance towing eye - axle	mm	3.930	3.990	3.990	4.180	4.180	4.180	4.230	4.230	4.230	4.400
B Width	mm	1.960	2.060	2.060	2.260	2.260	2.260	2.420	2.420	2.420	2.550
C Height	mm	2.620	2.640	2.760	2.450	2.700	2.900	2.580	2.870	3.020	3.220
Tyres		435/50 R19.5	435/50 R19.5	435/50 R19.5	215/75 R17.5 twin	435/50 R19.5	435/50 R19.5	215/75 R17.5 twin	435/50 R19.5	435/50 R19.5	355/50 R22.5
D Track width	mm	1.300	1.400	1.400	1.400	1.400	1.400	1.750	1.750	1.750	1.750
E Outer width of wheels	mm	1.750	1.850	1.850	1.900	1.850	1.850	2.250	2.200	2.200	2.200
Turbo augers		2	2	2	2	2	2	2	2	2	2
Auger windings		2 x 1,5	2 x 1,75	2 x 1,75	2 x 1,75	2 x 2	2 x 2	2 x 2	2 x 2	2 x 2,5	2 x 3
Adjustable XS knives		8	10	10	10	12	12	14	14	16	18
Turbo auger speed (PTO speed 540 rpm)	rpm	17 / 33	17 / 33	17 / 33	17 / 33	17 / 33	17 / 33	17 / 33	17 / 33	17 / 33	17 / 33
Capacity	m ³	12	13	14	14	16	18	18	20	22	25
Upper linkage height	mm	880 / 930	880 / 930	880 / 930	830 / 880	890 / 940	890 / 940	830 / 880	890 / 940	890 / 940	960 / 1.010
Lower linkage height	mm	430	430	430	370	440	440	370	440	440	510
Cross conveyor belt length	mm	1.700	2.020	2.020	2.020	2.020	2.020	2.340	2.340	2.340	2.340
Cross conveyor belt width	mm	700	700	700	700	700	700	700	700	700	700
Discharge height from cross conveyor belt	mm	890	890	890	850	890	890	850	890	890	960
Lower edge of cross conveyor belt	mm	710	710	710	670	710	710	670	710	710	780
max. drawbar load	kg	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
max. total weight (technically)	kg	9.900	10.900	11.400	12.000	13.200	14.200	14.300	15.300	16.350	18.700
Empty weight	kg	5.100	5.700	5.800	6.400	6.800	7.000	7.100	7.300	7.550	8.300
Load cells		4	4	4	4	4	4	4	4	4	4

SILOKING TrailedLine

Additional equipment



SILOKING Data weighing system

SILOKING Data radio-controlled weighing system

For daily use in cattle feeding. Specially adapted to SILOKING Feed mixing technology

- ▶ Loading exact to the kilogram thanks to standard programmable weighing system
- ▶ Easy to use and intelligent details
- ▶ Programmable weighing system can also be used as adding weighing system

SILOKING Feeding Management Software

Complete control and overview of animal feeding thanks to precise ration planning

- ▶ Precise ration planning
- ▶ Evaluation of feeding data and digital documentation
- ▶ Online-based and free of charge



SILOKING Vario®

Stepless gearbox for TrailedLine feed mixer wagons

- ▶ Protection of the PTO clutch
- ▶ Self-protection against overload
- ▶ Reduced power requirement for the start
- ▶ Complete residual emptying
- ▶ Operation from the loading vehicle
- ▶ Reduced vibration



Other options

- ▶ Infinitely variable control of conveyor belt speed
- ▶ Mechanical control unit with direct lever operation
- ▶ Control unit with Bowden cable control
- ▶ Control unit with electric control
- ▶ On-board power supply for the weighing system
- ▶ Mineral feed filling funnel
- ▶ Several tyre options to adapt the total height
- ▶ Various discharge options
- ▶ Heavy-duty magnet on the turbo auger
- ▶ Special hopper dimensions for adaption to barn passages
- ▶ Hydraulic counter-blades
- ▶ Hydraulic jack
- ▶ and lots of other options



SILOKING Straw blower

High-capacity straw blower with mechanical drive

The combination of mixing unit and straw blower allows for multiple use of the SILOKING Feed mixer. The high-capacity straw blower distributes even long-fibred material exactly and to distant places in the barn. The integrated stone trap between the mixing hopper and the blower avoids stone chipping in the barn.



SILOKING Hybrid

Diagonal conveyor belt for particularly narrow barns with high troughs

The diagonal conveyor belt is mounted in an inclined position. Not foldable, it keeps the whole machine narrow, even in working position. The SILOKING Hybrid conveyor belt also offers the required collision safety as the conveyor belt protrudes only slightly beyond the right feed mixer side.



SILOKING Bedding belt

Combination of feed discharge and large-distance bedding

The SILOKING Bedding belt offers the perfect combination for feed discharge and large-distance bedding of deep litter boxes and cubicle housings.

Control of the bedding belt is carried out hydraulically, but it can also be carried out (electro-hydraulically) via SILOKING Data E as an option. As the bedding belt is swung under the cross conveyor belt, the vehicle width is not changed.



SILOKING TwinLift

Sliding cross conveyor belt with automatic height adjustment

This conveyor belt can be slid hydraulically to either side, and the outer end is lifted automatically by up to 50 cm. It is also possible to slide the belt horizontally via simple lever operation. This system is characterized by two-sided feed discharge into high troughs.

SILOKING SelfLine 4.0



50 %

fewer maintenance costs

SILOKING 1,000-h maintenance interval (standard 500 h)



> 25 %

lower fuel consumption

compared to machines with external loading
(acc. to Oldenburger Landwirtschaftskammer)



> 50 %

time saving

compared to machines with external loading
Far more efficient working



3 x

higher durability

SILONOX Wear protection



30 %

more daily output

Discharge management, individual driver profiles, all-round visibility and much more





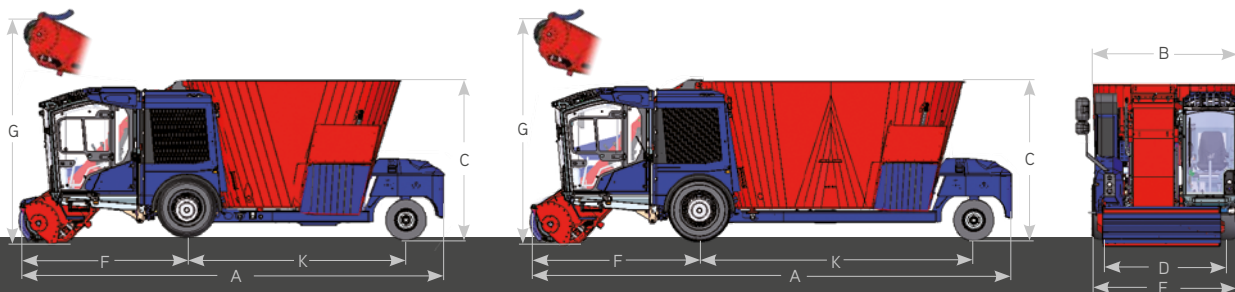
For the family farm and individual feeding of the performance groups.

SILOKING SelfLine 4.0 Compact 1612

Models with low height with 13 m³ and 16 m³ mixing volumes

The optimal machine both for conventional family farms and for large farms with various performance groups, or with narrow and low-height barn entrances. The compact design with the highly manoeuvrable 3-point chassis allows for two-sided discharge without rolling over the feed.

The low models Compact 13 as well as 16 are perfectly suited for low barn passages. They are equipped with the powerful and economical 105 kW (143 hp) Volvo 4-cylinder turbo diesel engine, and with 129 kW (175 hp) or 160 kW (218 hp) as an option.



Technical specifications



> 99 %

weighing accuracy
(acc. to DLG Test Report 6395)
Feeding exact to the kilogram

Model		Compact 1612-13	Compact 1612-16
A Length	mm	7.710	8.390
F Distance milling head - axle	mm	2.950	2.950
K Distance front axle - rear axle	mm	3.840	4.700
B Width	mm	2.550	2.550
C Height	mm	2.650	2.650
D Track width	mm	1.920	1.920
E Outer width of wheels	mm	2.300	2.300
Outer turning radius	mm	5.500	7.000
Turbo augers		1	2
Auger windings		2,5	2,5
Adjustable XS knives		7	14
Capacity	m ³	13	16
G Loading height	m	4,2	4,2
Empty weight of basic machine	kg	11.320	12.270
Engine	kW / hp	105 / 143 Volvo	105 / 143 Volvo

Compact 1612

SILOKING SelfLine 4.0



SILOKING SelfLine 4.0 Premium 2215

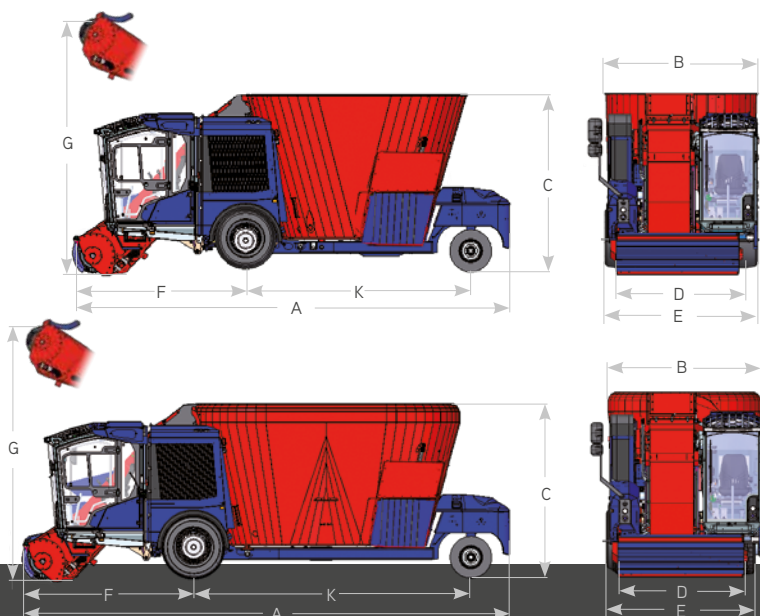
Models with considerable loading height and more capacity with 15 m³, 19 m³ and 22 m³

Thanks to the high capacity, these models are the ideal solution for large farms and those with larger performance groups. With their long milling arm, all Premium models can load the feed from heights up to 5 m. The standard drive on these models is a Volvo 4-cylinder turbo diesel engine with 129 kW (175 hp) and with 160 kW (218 hp) as option. In addition, the 3-point chassis provides the machine with a minimal turning radius.

For comfortable driving even on poor roads, the machine can be equipped with an independent wheel suspension as an option – it is standard for **SelfLine 4.0 Premium 2215-22**.



High capacity and considerable loading heights.



Technical specifications

Model		Premium 2215-15	Premium 2215-19	Premium 2215-22
A Length	mm	7.710	8.610	8.840
F Distance milling head - axle	mm	3.100	3.100	3.100
K Distance front axle - rear axle	mm	3.850	4.700	5.100
B Width	mm	2.550	2.550	2.550
C Height	mm	2.990	2.990	3.060
D Track width	mm	1.920	1.920	1.920
E Outer width of wheels	mm	2.300	2.550	2.550
Outer turning radius	mm	5.500	7.000	8.700
Turbo augers		1	2	2
Auger windings		3	3	3,5
Adjustable XS knives		8	16	18
Capacity	m ³	15	19	22
G Loading height	m	5,0	5,0	5,0
Empty weight of basic machine	kg	11.820	13.220	14.170
Engine	kW / hp	129 / 175 Volvo	129 / 175 Volvo	129 / 175 Volvo



> 99 %

Weighing accuracy
(acc. to DLG Test Report 6418)
Feeding exact to the kilogram



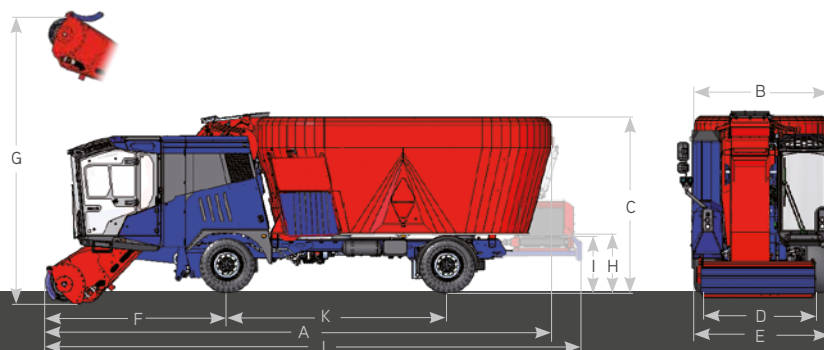
Typical farm conditions with high mixing capacity!

SILOKING SelfLine 4.0 System 300+ 2519

The highly competitive machine, for large mixes and high troughs, with 19 m³, 22 m³, 25 m³ and 27 m³

The **SelfLine 4.0 System 300+** is a large-volume self-propelled offering the top performance of the big brother – the **SelfLine 4.0 System 500+**. The downsized robust technology makes the **SelfLine 4.0 System 300+** ideal if the farm's focus is on power of impact. Its large mixing volume makes it possible to feed big animal groups with few mixes per day.

Equipped with a high-performance Volvo 4-cylinder engine and powerful 160 kW (218 hp), the machine ensures quick feed loading as well as homogeneous mixing. With speeds up to 25 km/h it is ideal for daily work on the farm. Its good ground clearance ensures easy feeding even into troughs.



Technical specifications

Model		System 300+ 2519-19	System 300+ 2519-22	System 300+ 2519-25	System 300+ 2519-27
A Length	mm	8.930	9.460	9.460	9.460
J Length (with cross conveyor belt)	mm	9.350	9.880	9.880	9.880
F Distance milling head - axle	mm	2.950	3.450	3.300	3.300
K Distance front axle - rear axle	mm	3.800	4.000	4.000	4.000
B Width	mm	2.540	2.540	2.540	2.680
C Height	mm	2.900	3.330	3.480	3.530
Tyres at front		385/65 R22.5	425/65 R22.5	425/65 R22.5	425/65 R22.5
Tyres at rear		455/40 R22.5	435/50 R22.5	435/50 R22.5	435/50 R22.5
D Track width	mm	2.180	2.180	2.180	2.180
E Outer width of wheels	mm	2.500	2.500	2.500	2.500
Outer turning radius (4-wheel steering)	mm	8.500	9.000	9.000	9.000
Outer turning radius (2-wheel steering)	mm	11.050	11.900	11.900	11.900
Turbo augers		2	2	2	2
Auger windings		2,5	3	3,5	3,5
Adjustable XS knives		14	16	18	18
Capacity	m ³	19	22	25	27
H Discharge height (discharge door)	mm	1.010	1.060	1.060	1.060
I Discharge height (cross conveyor belt)	mm	920	970	970	970
cross conveyor belt with hydraulic sliding to both sides (300 mm per side)					
G Loading height	m	4,8	5,2	5,3	5,3
Empty weight of basic machine	kg	15.900	16.200	16.400	16.600
max. total weight (technically) 25 km/h	kg	25.900	25.900	25.900	25.900
Engine	kW / hp	160 / 218 Volvo	160 / 218 Volvo	160 / 218 Volvo	160 / 218 Volvo

* The total weight may vary due to country-specific regulations for road traffic.



4x

Thanks to 4-wheel steering
as manoeuvrable as a van
9,0 m turning radius

System 300+

SILOKING SelfLine 4.0



SILOKING SelfLine 4.0 System 500+ 2519

The all-rounder for farm and road travel with 19 m³, 22 m³, 25 m³ and 27 m³

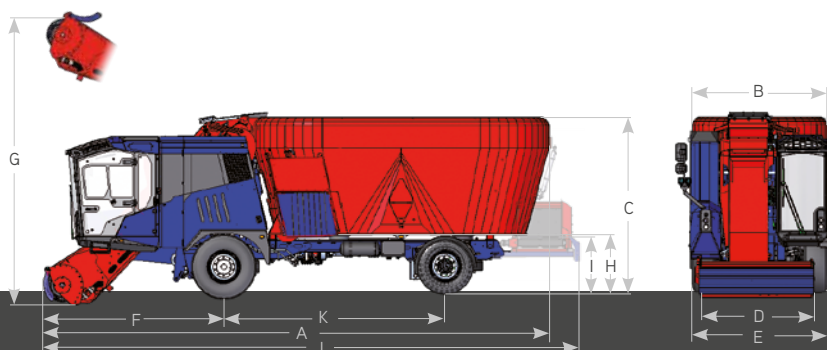
Dairy farms with several locations, feeding communities and agricultural contractors are all expecting the same things from a self-propelled feed mixer. It both needs to be fast on the road and convince you in confined farm conditions. Fast and extremely manoeuvrable, this modern self-propelled feed mixer impresses in all conditions.

With a total height of less than 3 metres, even low barn passages are no obstacle. At the same time, loading heights of max. 5.3 metres mean that the **SelfLine 4.0 System 500+ 2519** also features impressive reach. The powerful Volvo 6-cylinder engine with 185 kW (252 hp) is designed for maximum continuous load.

Thanks to 4-wheel steering, it also copes easily with rough terrain and paved surfaces. The machine features large tyres and is very manoeuvrable, thanks to the two steered axles. It is available in 4 speed versions (20 / 25 / 40 / 50 km/h).



STRONG – on the road and in difficult conditions on the farm.



Technical specifications

Model		System 500+ 2519-19	System 500+ 2519-22	System 500+ 2519-25	System 500+ 2519-27
A Length	mm	8.930	9.460	9.460	9.460
J Length (with cross conveyor belt)	mm	9.350	9.880	9.880	9.880
F Distance milling head - axle	mm	2.950	3.450	3.300	3.300
K Distance front axle - rear axle	mm	3.800	4.000	4.000	4.000
B Width	mm	2.540	2.540	2.540	2.680
C Height	mm	2.970	3.350	3.500	3.550
Tyres at front		445/65 R22.5	445/65 R22.5	445/65 R22.5	445/65 R22.5
Tyres at rear		435/50 R22.5	435/50 R22.5	435/50 R22.5	435/50 R22.5
D Track width	mm	2.050	2.050	2.050	2.050
E Outer width of wheels	mm	2.490	2.490	2.490	2.490
Outer turning radius (4-wheel steering)	mm	8.600	9.000	9.000	9.000
Outer turning radius (2-wheel steering)	mm	11.050	11.900	11.900	11.900
Turbo augers		2	2	2	2
Auger windings		2,5	3	3,5	3,5
Adjustable XS knives		14	16	18	18
Capacity	m ³	19	22	25	27
H Discharge height (discharge door)	mm	1.080	1.080	1.080	1.080
I Discharge height (cross conveyor belt)	mm	990	990	990	990
cross conveyor belt with hydraulic sliding to both sides (300 mm per side)					
G Loading height	m	4,8	5,2	5,3	5,3
Empty weight of basic machine	kg	15.800	16.100	16.350	16.550
max. total weight (technically) 25 km/h	kg	25.900	25.900	25.900	25.900
Engine	kW / hp	185 / 252 Volvo	185 / 252 Volvo	185 / 252 Volvo	185 / 252 Volvo

* The total weight may vary due to country-specific regulations for road traffic.



4x

Thanks to 4-wheel steering
as manoeuvrable as a van
9,0 m turning radius



Enormous capacity and efficiency – developed for farms with 1,000 cows and more.

SILOKING SelfLine 4.0 System 1000+ 3225

Highly manoeuvrable XXL self-propelled for large farms, biogas plants and use on several farms with 25 m³, 27 m³, 29 m³ and 32 m³

The SILOKING SelfLine 4.0 System 1000+ models impress with high manoeuvrability, capacity and performance and have been designed for farms with 1,000 cows and more. Thanks to the 3-axle chassis, the self-propelled feed mixer can be loaded with up to 12 t – and the load on the chassis, the tyres and the driving surfaces is reduced.

In addition, the active steering of the front and rear axles offers an enormous manoeuvrability. The mixing hopper has a capacity of 25 m³ or 27 m³, alternatively 29 m³ or 32 m³ and 2 or 3 turbo augers. And the XXL self-propelled mixes very quickly and homogeneously.



Technical specifications

Model		System 1000+ 3225-25	System 1000+ 3225-27	System 1000+ 3225-29	System 1000+ 3225-32
A Length	mm	9.460	9.460	10.600	10.600
Length (with cross conveyor belt)	mm	9.880	9.880	11.020	11.020
F Distance milling head - axle	mm	3.300	3.300	3.300	3.300
K1 Distance front axle - central axle	mm	2.620	2.620	2.940	2.940
K2 Distance central axle - rear axle	mm	1.380	1.380	1.700	1.700
B Width	mm	2.550	2.710	2.550	2.550
C Height	mm	3.530	3.580	3.400	3.500
Tyres		385/55 R22.5	385/55 R22.5	385/55 R22.5	385/55 R22.5
D Track width	mm	2.060	2.060	2.060	2.060
E Outer width of wheels	mm	2.450	2.450	2.450	2.450
Outer turning radius	mm	10.000	10.000	11.000	11.000
Turbo augers		2	2	3	3
Auger windings		3,5	3,5	3	3,5
Adjustable XS knives		18	18	24	27
Capacity	m ³	25	27	29	32
H Discharge height (discharge door)	mm	1.140	1.140	1.050	1.050
I Discharge height (cross conveyor belt)	mm	1.060	1.060	970	970
cross conveyor belt with hydraulic sliding to both sides (300 mm per side)					
G Loading height	m	5,5	5,5	5,3	5,5
Empty weight of basic machine	kg	17.250	17.300	17.950	18.250
max. total weight (technically) 25 km/h	kg	29.800	29.800	29.800	29.800
Engine	kW / hp	210 / 286 Volvo	210 / 286 Volvo	210 / 286 Volvo	210 / 286 Volvo

* The total weight may vary due to country-specific regulations for road traffic.



12 t
payload

3-axle chassis with
air suspension and
heavy-duty axles

System 1000+

SILOKING SelfLine

Additional equipment



SILOKING Data Weighing system

SILOKING Data radio-controlled weighing system

For daily use in cattle feeding. Specially adapted to SILOKING Feed mixing technology

- ▶ Loading exact to the kilogram thanks to standard programmable weighing system
- ▶ Easy to use and intelligent details
- ▶ Programmable weighing system can also be used as adding weighing system

SILOKING Feeding Management Software

Complete control and overview of animal feeding thanks to precise ration planning

- ▶ Precise ration planning
- ▶ Evaluation of feeding data and digital documentation
- ▶ Online-based and free of charge



Discharge conveyor chain/belt

- ▶ The retractable discharge conveyor can work in every position and produces a regular feed discharge
- ▶ The discharge conveyor at rear left makes it possible to discharge even big feed amounts on a short feed table
- ▶ Simultaneous two-sided feed discharge, e. g. with particularly narrow feed tables, is also possible
- ▶ The foldable discharge conveyor is used for feed discharge into higher troughs too

e. g. **SILOKING Telematics**
provides an overview of relevant
machine data in real time



e. g. **Mixing without driver**
Mixing augers stop automatically
after an indicated time

SILOKING Assistance systems





SILOKING DryScan®

The innovative system enables precise real-time measurement of the dry matter (DM) content in feed components – directly during loading. At the same time, the fresh mass is adjusted to the actual DM contents. This results in exact feeding, which in turn leads to higher milk yield and more stable animal health. In addition, the effort for controlling the feed is reduced.

The system is fully integrated into the SILOKING digital and assistance systems. Thanks to high efficiency and an outstanding price-performance ratio, precise feeding by dry matter is now simpler and more economical!



SILOKING Straw chopper

Safe and precise cutting of dry and structure-rich feed components such as straw is easy with the SILOKING Straw chopper. The regular & short pieces of the feed components loaded are mixed into the feed ration quickly and homogeneously.

This makes it possible to use low-cost and available replacement feed components. The straw chopper is controlled comfortably by pushing a button on the joystick in the cab.

Available for System 300+, 500+ and 1000+ models.



Independent wheel suspension

Comfortable driving even on poor roads

For difficult road conditions, the **SelfLine Compact** and the **SelfLine Premium** can be equipped with independent wheel suspension as an option – it is standard for **SelfLine Premium 2215-22**. In connection with a steering angle of 45° as well as large tyres, SILOKING's independent wheel suspension ensures consistently smooth running of the high-capacity self-propelled with poor road conditions and over longer distances on and between farms.



SILOKING Bedding belt

Combination of feed discharge and large-distance bedding

The SILOKING Bedding belt offers the perfect combination for loose and wide feed discharge and precise large-distance bedding of cubicles with one machine only.

The hydraulic adjustment of the angle and the speed is done via the multifunctional armrest.



e.0 – the right concept at the right time



100 % electric

Easy use of self-generated electricity



100 % quiet

For a pleasant neighbourhood



100 % comfortable

Proven **SelfLine** cabin concept



100 % predictable

Feeding at the same time every day



100 % emission-free

No exhaust gases for animals and humans



100 % reliable

Proven components from the field of the electrical industry and reliable, operationally secure SILOKING mixing technology

SILOKING TruckLine e.0



100 %

electric

Clean, emission-free, and
noise-reduced feeding



Maximum performance

Single drive concept for
mixing and driving



High-performance battery pack

For long-lasting power



Optimal operating comfort

Highest ergonomics
and proven SILOKING quality



up to 4

mixes

Easy charging with type 2 plug





A single drive concept in combination with the most modern battery technology on the market ensure maximum performance when mixing and driving.

SILOKING TruckLine e.0 eTruck 2012

100 % electric self-propelled feed mixers with 12 m³, 16 m³, 18 m³ and 20 m³

The self-propelled eTruck offers the solution for farms with an existing loading technology. The drive of the traction and mixing units is 100 % electric, which offers clean, emission-free and noise-reduced feeding. For loading the battery, the farmer can use his own low-cost electricity produced from renewable energy sources. An up to 80 kW mixing drive guarantees breaking up of round bales, homogeneous mixing as well as quick emptying.

The traction drive based on the individual drive concept is integrated into the front axle so that slopes can be mastered without any problems. The electric drive allows for infinitely variable control of driving speeds up to 15 km/h (2 speed ranges).



Technical specifications

Model		eTruck 2012-12	eTruck 2012-16	eTruck 2012-18	eTruck 2012-20
A Length	mm	7.150	8.550	8.550	8.550
B Width	mm	2.550	2.400	2.400	2.400
C Height	mm	2.800	2.500	2.750	2.950
D Distance front axle - rear axle	mm	4.020	5.420	5.420	5.420
Mixing drive	kW	40	80	80	80
Traction drive	kW	80	80	80	80
Outer width of wheels	mm	2.300	2.300	2.300	2.300
Outer turning radius	mm	5.500	7.000	7.000	7.000
Turbo augers		1	2	2	2
Auger windings		2,5	2,5	3	3
Adjustable XS knives		7	14	16	16
Volume	m ³	12	16	18	20
Turbo auger speed	rpm	17 / 40 / 55	17 / 40 / 55	17 / 40 / 55	17 / 40 / 55
Empty weight of basic machine	kg	9.100	10.550	10.650	10.750

SILOKING TruckLine e.0

Additional equipment



SILOKING Data weighing system

SILOKING Data radio-controlled weighing system

For daily use in cattle feeding. Specially adapted to SILOKING Feed mixing technology

- ▶ Loading exact to the kilogram thanks to standard programmable weighing system
- ▶ Easy to use and intelligent details
- ▶ Programmable weighing system can also be used as adding weighing system

SILOKING Feeding Management Software

Complete control and overview of animal feeding thanks to precise ration planning

- ▶ Precise ration planning
- ▶ Evaluation of feeding data and digital documentation
- ▶ Online-based and free of charge



Additional options

- ▶ Additional discharge doors
- ▶ Mineral feed filling funnel
- ▶ Hydraulic counter-blades
- ▶ Heavy-duty magnet on the turbo auger
- ▶ Terminal for SILOKING Data
- ▶ Discharge conveyor
- ▶ SILONOX
- ▶ Automatic climate control

e. g. **Speedlimiter**
for infinitely variable
forward speed



e. g. **Mixing without driver**
Mixing augers stop automatically
after an indicated time

SILOKING Assistance systems



SILOKING StaticLine Feeding 4.0



100 %

Feeding control
SILOKING Data



**Short mixing times & optimal
preservation of feed structure**
Optimal hopper geometry and turbo auger



Especially high weighing accuracy
Square-bar frame with load cells in a
special position



3x

higher durability
SILONOX wear protection

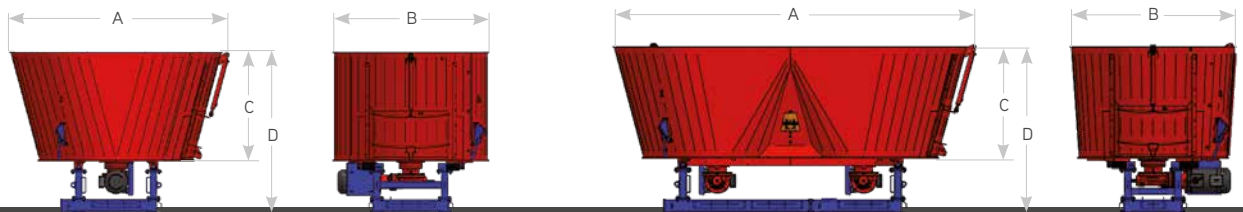


The turbo augers are driven by electric motors that are in a protected position under the mixing hopper and flanged onto the planetary gearboxes.

SILOKING StaticLine Feeding 4.0

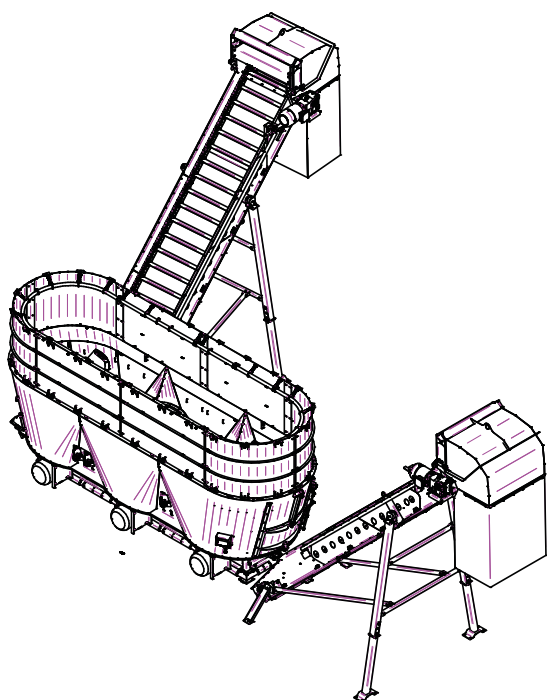
Stationary mixing and dosing systems from 6 m³ to 40 m³
with optional loading or unloading conveyor

SILOKING StaticLine Feeding 4.0 is perfectly suited for
integration into indoor feeding systems (farms with stationary
feeding systems or Feed Centers).



Technical specifications

Model		Compact 1408-6	Compact 1408-8	Compact 1408-10	Compact 1408-12	Compact 1408-14	Premium 2514-14	Premium 2514-16	Premium 2514-18	Premium 2514-20	Premium 2514-22	Premium 2514-25
A Length	mm	2.950	3.240	3.240	3.240	3.240	5.070	5.070	5.070	5.070	5.070	5.070
B Width	mm	2.070	2.300	2.300	2.300	2.300	2.320	2.320	2.320	2.320	2.320	2.320
C Hopper height	mm	1.605	1.605	1.935	2.265	2.595	1.555	1.745	1.945	2.135	2.335	2.625
D Total height	mm	2.370	2.370	2.700	3.030	3.360	2.320	2.510	2.710	2.900	3.100	3.390
Motor performance required	kW	1 x 15	1 x 22	1 x 22	1 x 30	1 x 30	2 x 22	2 x 22	2 x 22	2 x 30	2 x 30	2 x 30
Turbo augers		1	1	1	1	1	2	2	2	2	2	2
Auger windings		2	2	2,5	3	3,5	2	2,5	3	3	3,5	3,5
Adjustable XS knives		6	6	7	8	9	12	14	16	16	18	18
Turbo auger speed (mixing / residual emptying)	rpm	18 / 38	18 / 38	18 / 38	18 / 38	18 / 38	18 / 38	18 / 38	18 / 38	18 / 38	18 / 38	18 / 38
Capacity	m³	6	8	10	12	14	14	16	18	20	22	25
Empty weight	kg	2.700	3.050	3.200	3.400	3.550	5.500	5.650	5.800	6.000	6.250	6.450
Payload	kg	2.400	3.200	4.000	4.800	5.600	5.600	6.400	7.200	8.000	8.800	10.000



StaticLine Feeding 4.0 System 1000+ 4022 with 40 m³ capacity, 3 turbo augers, 3 electric motors with 37 kW and 2 transfer conveyors.

Compact design

The motor and the planetary gearbox of SILOKING **StaticLine Feeding 4.0** are interconnected and are located under the mixing hopper in a protected position. This makes it possible to load the machine from any side and offers free working area around the mixing system.

All systems are provided with SILOKING 4-planet gearboxes with a maximum torque of 52,000 Nm. The reinforced bevel gear system and 100 % oil lubrication offer high operational reliability. The SILOKING turbo auger works at an ideal auger speed of 18 rpm for mixing and 38 rpm for complete emptying.

Complete or integrated – you have the choice

SILOKING **StaticLine Feeding 4.0** systems can be simply integrated into existing systems or be delivered as complete “plug and play” installations. The weighing system can be equipped with interfaces for easy connection to external control systems.



Technical specifications

Model		System 1000+ 4022-22	System 1000+ 4022-25	System 1000+ 4022-30	System 1000+ 4022-35	System 1000+ 4022-40	System 1000+ 4030-30	System 1000+ 4030-35	System 1000+ 4030-40
A Length	mm	7.110	7.110	7.110	7.110	7.110	7.970	7.970	7.970
B Width	mm	2.320	2.320	2.320	2.320	2.320	2.550	2.550	2.550
C Hopper height	mm	1.555	1.755	2.085	2.415	2.745	2.485	2.635	2.785
D Total height	mm	2.320	2.520	2.850	3.180	3.510	3.250	3.400	3.550
Motor performance required	kW	3 x 22	3 x 22	3 x 30	3 x 30	3 x 37	1 x 90	1 x 90	1 x 110
Turbo augers		3	3	3	3	3	3	3	3
Auger windings		2	2,5	3	3	3,5	3,5	3,5	3,5
Adjustable XS knives		18	21	24	24	27	27	27	27
Turbo auger speed (mixing / residual emptying)	rpm	18 / 38	18 / 38	18 / 38	18 / 38	18 / 38	18 / 38	18 / 38	18 / 38
Capacity	m ³	22	25	30	35	40	30	35	40
Empty weight	kg	8.650	8.980	9.450	9.880	10.250	9.100	9.350	9.700
Payload	kg	8.800	10.000	12.000	14.000	16.000	12.000	14.000	16.000

System 1000+

SILOKING StaticLine Biogas 4.0



100 %

Control

SILOKING Data



Especially high weighing accuracy

Square-bar frame with load cells in a special position



Maximum durability

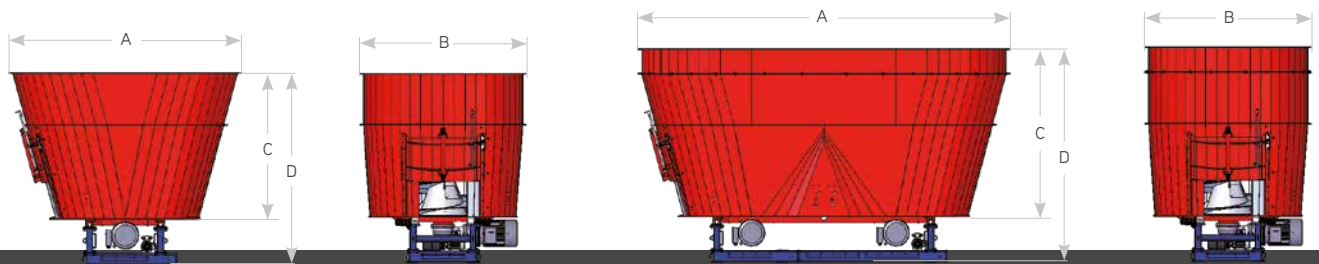
SILONOX in the complete hopper as standard



SILOKING StaticLine Biogas 4.0

Stationary mixing and dosing systems with hopper capacities from 9 m³ to 80 m³

SILOKING StaticLine Biogas 4.0 has been developed for biogas plant operators who attach great importance to highest possible gas yield and low energy consumption.



Technical specifications

Model		Compact 1509-9	Compact 1509-12	Compact 1509-15	Premium 4018-18	Premium 4018-25	Premium 4018-30	Premium 4018-40 HD
A Length	mm	3.390	3.620	3.850	5.830	6.050	6.285	6.360
B Width	mm	2.795	2.795	2.795	2.795	2.795	2.795	2.915
C Hopper height	mm	1.560	1.990	2.420	1.560	1.990	2.420	3.100
D Total height	mm	2.325	2.755	3.185	2.325	2.755	3.185	3.865
Motor performance required	kW	1 x 22	1 x 22	1 x 30	2 x 22	2 x 22	2 x 30	2 x 37
Mixing augers		1	1	1	2	2	2	2
Adjustable XS knives		6	6	6	12	12	12	12
Capacity	m³	9	12	15	18	25	30	40
Empty weight	kg	3.250	3.500	3.750	6.900	7.200	7.600	8.300
Payload	kg	3.600	4.800	6.000	7.200	10.000	12.000	16.000



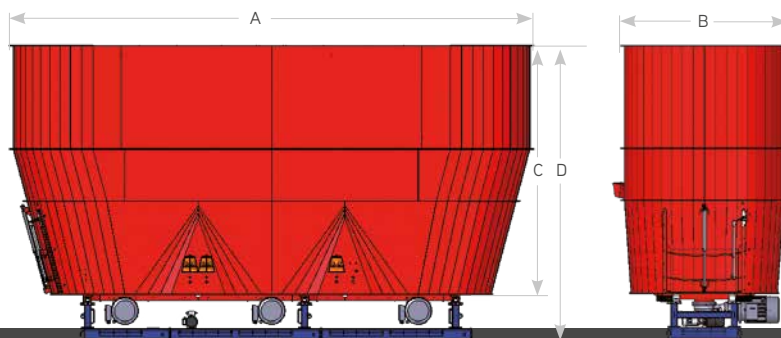
Cutting, mixing, storing, dosing

SILOKING Mixing and dosing systems cut long materials, provide a homogeneous mix and can be used as storage tanks. Together with the appropriate feeding technology, they ensure exact and failure-free feeding of substrates into the fermenter.

Operation of the subsequent feeding system is smooth and torsion-free. All parts getting into contact with feed are made completely of stainless steel.

SILONOX as standard

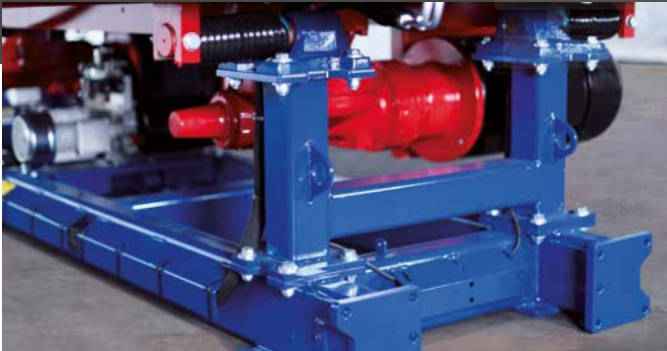
The mixing hopper is made of SILONOX as standard. In order to protect the hopper wall and bottom against acid and wear, they are equipped with SILONOX as standard. SILONOX is made of a stainless steel alloy with outstanding wear resistance. It is very resistant against corrosion, acid, chemical and mechanical wear. The mixing augers are available made completely of SILONOX as an option.



Technical specifications

Model		System 1000+ 8050-50 HD	System 1000+ 8050-60 HD	System 1000+ 8050-80 HD
A Length	mm	8.540	8.540	8.540
B Width	mm	2.910	2.910	2.910
C Hopper height	mm	2.740	3.240	4.150
D Total height	mm	3.505	4.005	4.915
Motor performance required	kW	3 x 30	3 x 37	3 x 37
Mixing augers		3	3	3
Adjustable XS knives		18	18	18
Capacity	m³	50	60	80
Empty weight	kg	12.500	13.800	16.500
Payload	kg	20.000	24.000	32.000

SILOKING StaticLine 4.0



Acid-resistant load cells

The load cell casings have a fixed connection to the torsion-resistant frame, which avoids torsions even with bigger distances between the load cells. The pin-point weight transfer ensures accurate weighing.

In addition, acid-resistant load cells and additional protective covers provide long life.

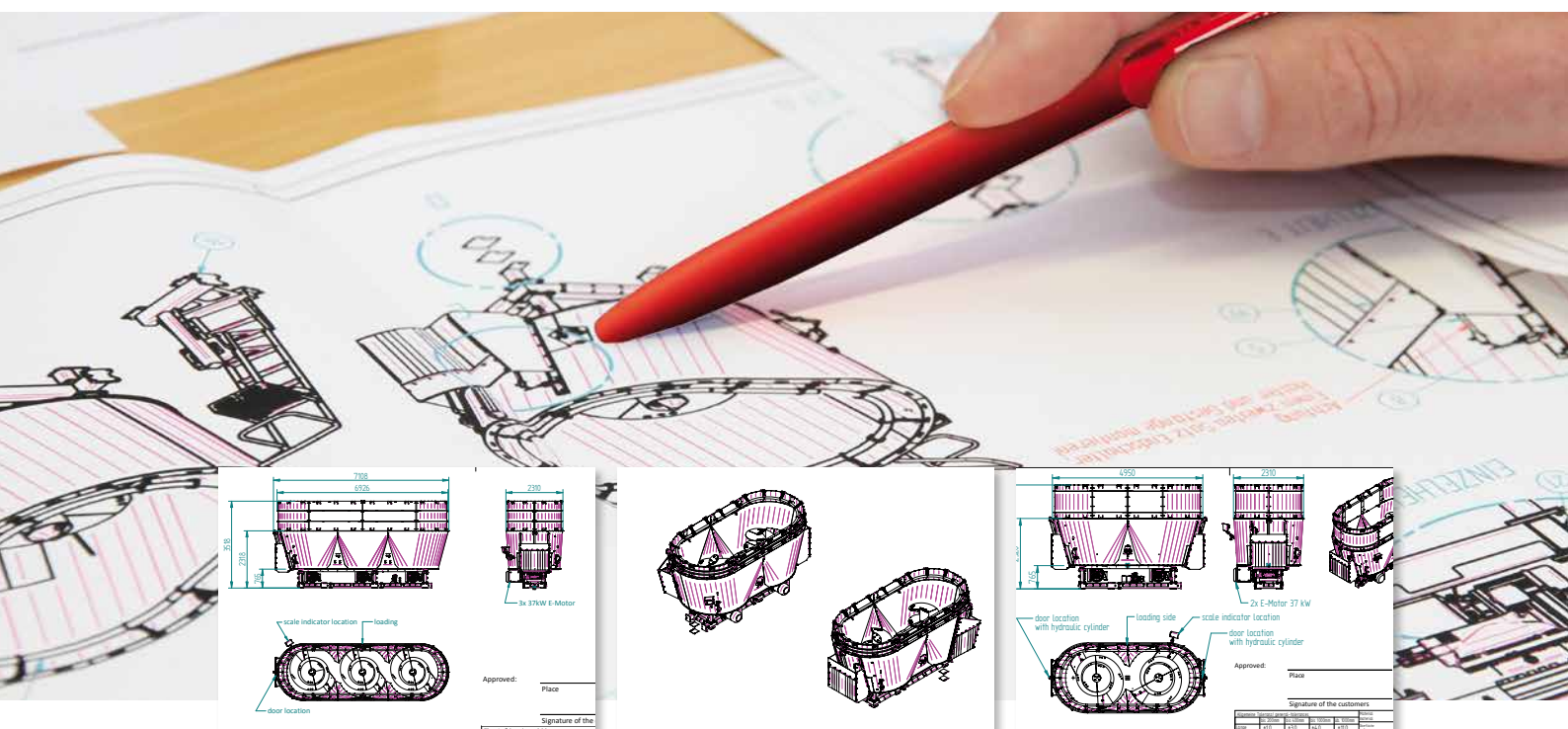


Control cabinet – installation-ready

The electric equipment of the installation, such as frequency converter and electric fuse protection etc., is placed inside a ventilated control cabinet. SILOKING offers this control cabinet for the operation of the mixing unit as an option. Customized solutions are implemented to fulfill any specific customer wishes and requirements.

Exact planning, modular design and easy installation

The design and the equipment of SILOKING Mixing and dosing systems are adapted to the conditions and the requirements on site. The professional service includes exact planning, detailed drawings and complete documentation, taking also into account any fire protection regulations and system requirements. Installation on site is very easy with the simple design and the pre-assembled components.





StaticLine Feeding 4.0

Variable position of the transfer conveyor

The transfer conveyor can be placed at the specific position of the discharge door as **StaticLine 4.0** is accessible from all sides. The conveyor belt made of rubber is driven by a separate electric drive with frequency converter. This results in quiet running and low-wear operation.



StaticLine Biogas 4.0

Perfect feeding technology that fits any installation!

- ▶ **Vertical feeding**
Feeding right from the top is very simple and wear-resistant.
- ▶ **Inclined feeding**
The feeding auger has a progressive inclination. Inclined feeding from above offers reduced flow resistance in the fermenter.
- ▶ **Overhead feeding**
The overhead feeding system has special transfer shovels at the auger ends.
- ▶ **Pumping technologies**
Various pumping technologies can be connected with **StaticLine**. SILOKING integrates the technical solution into the overall concept.



Other applications of SILOKING StaticLine

- ▶ **Waste management facilities and Feed Centers**
For high throughput and requirements in industrial Feed Centers and waste management facilities, a powerful transfer conveyor is available. This transfer conveyor, optionally made of SILONOX, with a conveyor width of 1,200 mm allows for quickest unloading.
- ▶ **Composting plants**
The SILOKING Transfer conveyor can also be used in other areas, such as the composting plant shown here.
- ▶ **Industrial substrate processing**
- ▶ **Industrial feed production**



Top partnership for maximum success



SILOKING Service and spare parts

- ▶ 24-h availability / 7-day week
- ▶ Area-wide and quick service



Service Partner

- ▶ Audited by SILOKING
- ▶ Trained know-how
- ▶ High parts availability on site

SILOKING Mayer Maschinenbau GmbH
Kehlsteinstraße 4 | 84529 Tittmoning | Germany
Phone +49 8683 8984-0 | E-Mail info@siloking.com



SILOKING

Your SILOKING Partner

www.siloking.com



Illustrations may include special equipment, subject to errors and modifications.

EN
300081_11/25