

MIXER

Trailed and Stationary

Hybrid



 **sitrex**[®]
your partner in farming

 **Agim**[®]



**Your partner
in farming**



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Hybrid



Animal wellbeing



Excellent economic efficiency



CO₂ reduction

We - at Sitrex - know that the feed quality is the key to healthy livestock. That is why our range of Mixers, was scrupulously designed to create the perfect total blended ration which offers your animals a supreme quality feed.

We are not just another agricultural equipment supplier: we are here to partner with you in livestock care and be part of your agricultural company's success.

Would you like to play your part in sustainable agriculture?

All this can be immediately attained by reducing CO₂ **through the electrical blending** process. Electrical power supply significantly reduces acoustic and pollutant emissions. The concept and low operating costs attest to this because they make the use of the HYBRID machine rather beneficial from an economic standpoint.

TRAILED MIXERS

EM SMART HYBRID

EM - 30 / EM - 40 / EM - 50 / EM - 60



Our mixers which also come as **hybrid trailed mixers**, allow multiple feeds depending on the needs of your livestock farm.

Besides a permanently installed fixed mixer with an electric motor, we can also combine the feed system with a hybrid trailed mixer.

This mixer has an additional electric motor and can therefore be driven either by a tractor like a normal trailed wagon, or by an integrated electric motor.

This innovative system offers a variety of solutions for both lowland and mountain farms, **as it can utilise the electricity produced by the farm itself throughout the filling and mixing stage**, and can then be driven by a tractor during discharge.

This makes it possible to use a smaller

tractor, as little power is required for the discharge stage.

The **advantage** of the loading and mixing stage **in electric mode** lies in the fact that the procedure can **be carried out even in indoor environments, given that it does not generate exhaust gas emissions.**

Furthermore, using the control electric panel and the inverter, you can manage and programme various functions including the revolutions of the auger. In addition, you can control various services such as the door, belt, etc. All this enables the operator to perform other tasks during the mixing.

This system can be applied to the entire range of Sitrex trailed wagons.

STANDARD EQUIPMENT

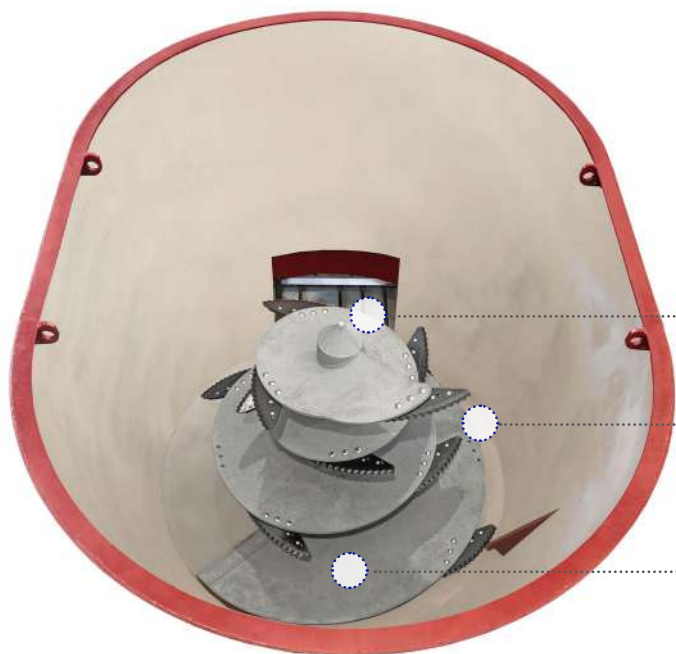
- 1 Auger thickness 12 mm
- Tank bottom thickness 12 mm
- Tank wall thickness 5 mm
- Weighting system
- 3 Weight sensors Ø 63 mm
- Side discharge door rh
- Hydraulic system quick joints
- 2 manual counter-knives H = 370 mm
- Manual foot
- Cardan shafts
- Height-adjustable drawbar
- Revolving trailer drawbar eye
- Simple inspection ladder
- Structured chassis in the tank



TRAILED MIXERS

EM SMART HYBRID

EM - 30 / EM - 40 / EM - 50 / EM - 60



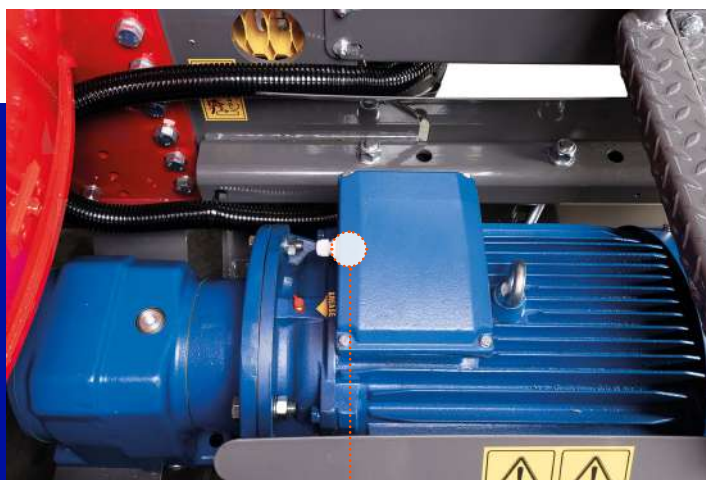
The auger

12mm-thick augers with low
power absorption

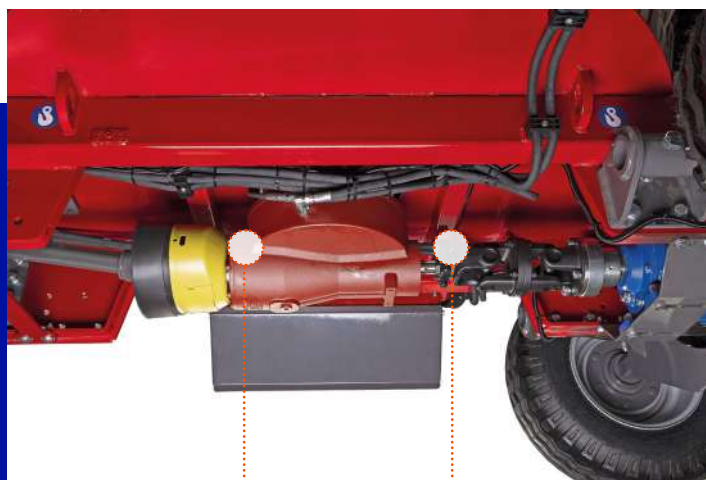
Saber auger blades

Rotation of the auger from zero
to max 34 revolutions adjuster
with inverter

Integrated electric motor

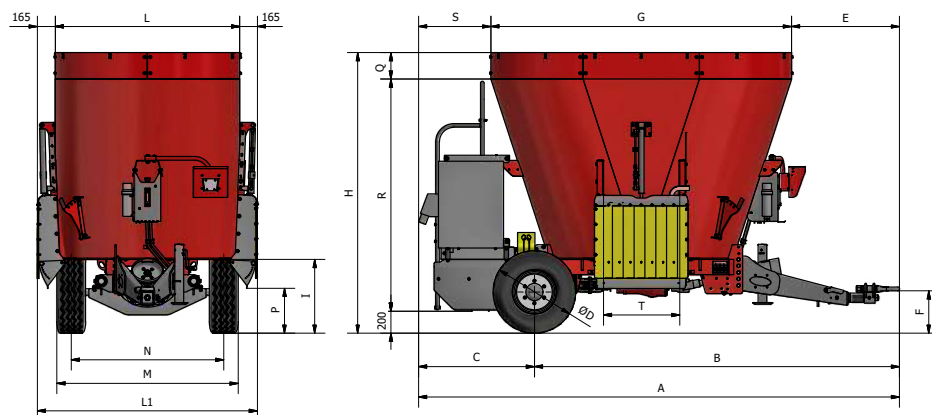


Geared motor



**Auger geared
motor**

**Connection
universal
joint**



Specifications	EM - 30	EM - 40	EM - 50	EM - 60
Max Load [Kg]	900	1200	1500	1800
Capacity [m³]	3	4	5	6
Electric motor [HP/Kw]	15	15	22	22
A	4450	4450	4450	4450
B	3370	3370	3370	3370
C	1080	1080	1080	1080
D	760	760	760	760
E	1100	1100	1000	1000
F	390	390	390	390
G	2515	2515	2800	2800
H	1960	2180	2360	2580
I	670	670	670	670
L	1700	1700	1700	1700
L1	2030	2030	2030	2030
M	1670	1670	1670	1670
N	1400	1400	1400	1400
P	400	400	400	400
Q	/	245	/	245
R	1760	1760	2160	2160
S	835	835	650	650
T	700	700	700	700
Tyres	10.0/75 R15	10.0/75 R15	10.0/75 R15	10.0/75 R15
Weight [Kg]	2040	2110	2340	2420

STATIONARY MIXERS

SL SMART HYBRID

SL - 30 / SL - 40 / SL - 50 / SL - 60



Ideal for integration internal supply systems (farms with stationary supply systems or supply centres).

The motors and geared motors are directly connected and protected on one side of the mixing device vat, and they are positioned so as to allow access for any kind of maintenance. Therefore, on the other completely vacant side, you can load the mixer, ruling out the possibility of damaging the electric motors when loading.

Furthermore, the motor and geared motor ratios are set to have minimum stress with maximum performance. In addition, the inverter (optional) allows to perform any kind of mixing, with any speed range required from zero to max 34 revolutions.

Both the independent hydraulic system and the discharge belt with various lengths and inclination, depending on the needs of the farm, may also be provided as optional equipment.

STANDARD EQUIPMENT

- 1 Auger thickness 12 mm
- Tank bottom thickness 12 mm
- Tank wall thickness 5 mm
- Weighting system
- 3 Weight sensors
- Side discharge door rh
- 2 manual counter-knives H = 370 mm
- Simple inspection ladder
- Frame structured in the box with 3 support
- Columns and weight sensors on the floor

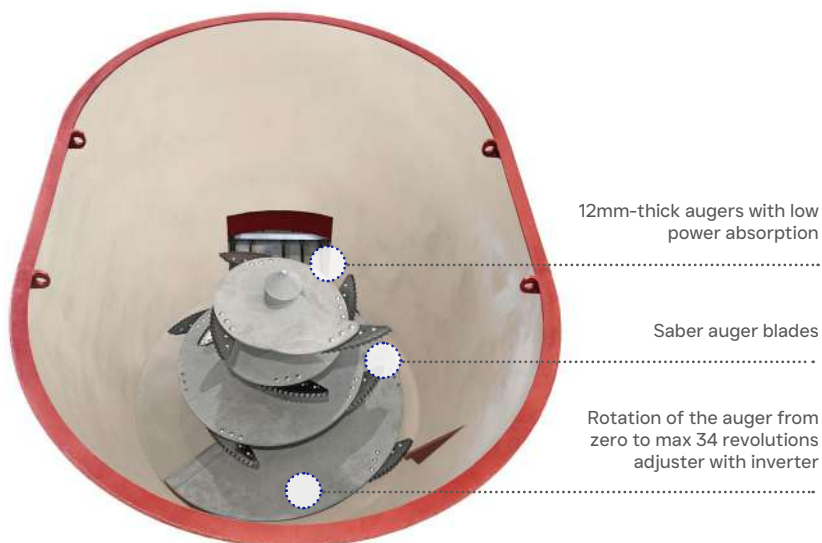


STATIONARY MIXERS

SL SMART HYBRID

SL - 30 / SL - 40 / SL - 50 / SL - 60

The auger



The radio control

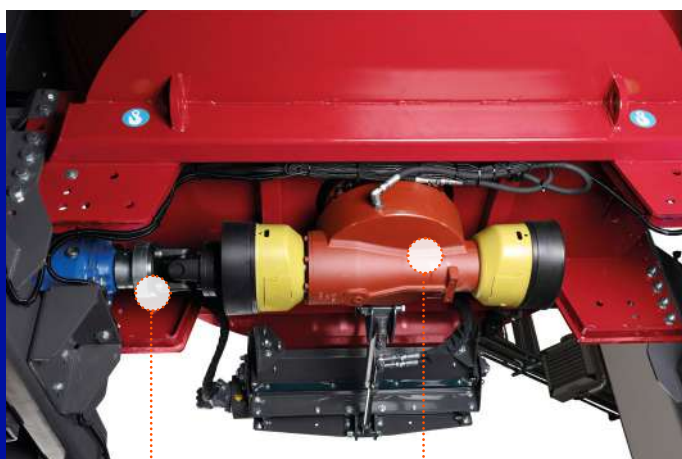
Total emergency stop

**RADIO CONTROL FUNCTIONS**

Start - enable remote control
 Stop - disable remote control
 1 - Start mixer
 2 - Stop mixer
 3 - Start oil pump
 4 - Stop oil pump
 5 - Close unloading port
 6 - Open unloading port
 7 - Up conveyor belt
 8 - Down conveyor belt
 9 - Start conveyor belt
 10 - Stop conveyor
 11 - Opt.
 12 - Opt.

Practical **radio control** that allows the user to remotely activate the main functions of the SL SMART HYBRID stationary mixer

Integrated electric motor

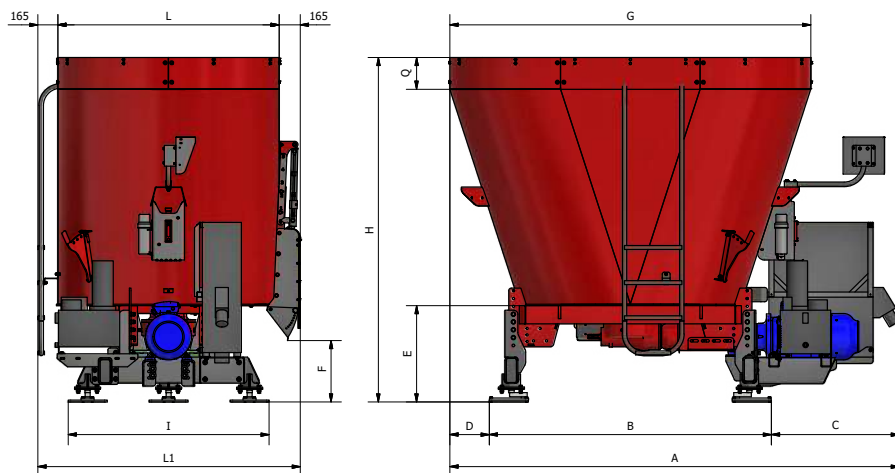


Connection
universal
joint

Auger geared motor



Geared motor



Specifications	SL - 30	SL - 40	SL - 50	SL - 60
Max Load Kg	900	1200	1500	1800
Capacity m ³	3	4	5	6
Elettric motor HP/Kw	15	15	22	22
A	3460	3460	3460	3460
B	2170	2170	2170	2170
C	985	985	985	985
D	300	300	300	300
E	740	740	740	740
F	390	390	390	390
G	2515	2515	2800	2800
H	2030	2200	2420	2650
I	1550	1550	1550	1550
L	1700	1700	1700	1700
L1	2030	2030	2030	2030
Q	/	245	/	245
Weight Sensors	3	3	3	3
Weight Kg	1910	1980	2220	2300

Your partner in farming



Organization with certified Management System ISO 9001