

WITH YOU EVERYDAY

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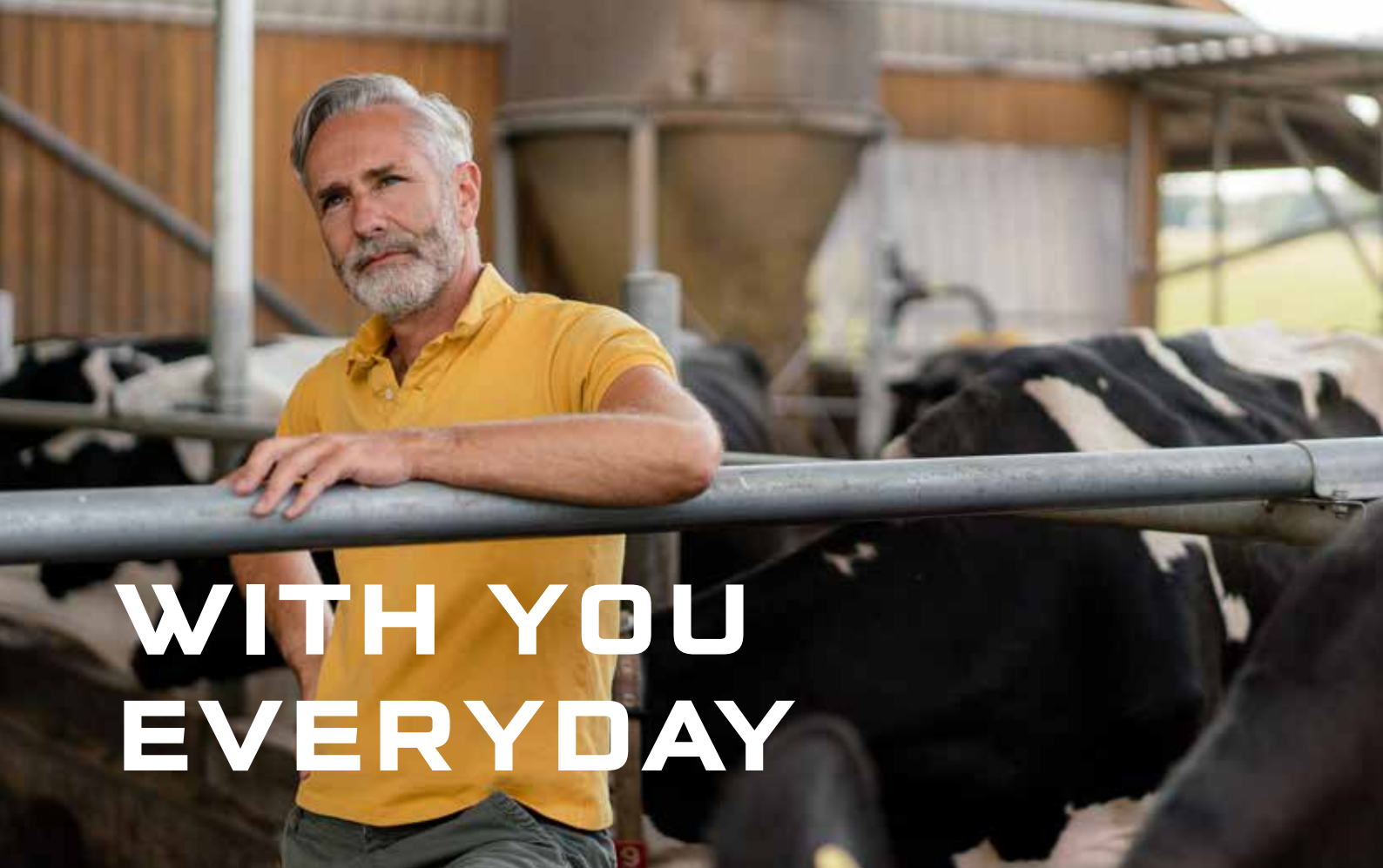
SPIRMIX S
LOWERED VERTICAL AUGER DIET FEEDERS
SPIRMIX
VERTICAL AUGER DIET FEEDERS



SPIRMIX SPIRMIX S RANGES



LUCAS 
FEEDING SOLUTIONS



WITH YOU EVERYDAY

For over 40 years Lucas G have applied feeding and breeding expertise to innovate these machines making them an essential farm asset. Controlling feeding and mechanisation costs are key to farm profitability which is why Lucas G offer a wide range of vertical auger diet feeders to suit particular requirements of precision feeding. From the silo to the feeding alley right through to milk and meat production farmers must be able to measure and have good command of the stages involved to achieve accurate production forecasts.

Going for mixed ration is the first step to meet this requirement and ensures the preparation of an identical ration throughout the year avoiding sorting at troughs. Benefits of mixing are several, an output improvement concerning milking or fattening, a reduction of waste, better control on the operational costs and a return on investment guarantee from the first year of use.

Other benefits link to the use of a diet feeder is that you can control the quantities of raw materials used and distributed per batch per day. After a while of using, an overall improvement of the health state of the cattle is observed, giving a drop of diarrhoea and a better health-based performance.

According to the type of herd and the requirements of the farm, Lucas G offer 2 complementary ranges of diet feeders:

SPIRMIX: VERTICAL AUGER DIET FEEDER

SPIRMIX S: LOWERED VERTICAL AUGER DIET FEEDER

2 COMPLEMENTARY RANGES

SPIRMIX

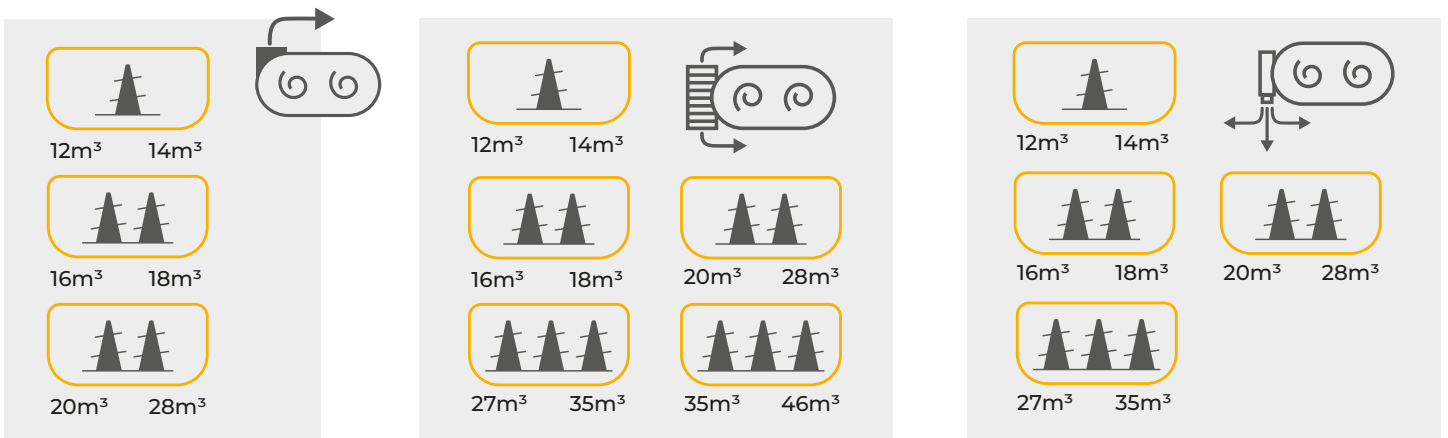


The SPIRMIX feeders are designed for intensive and daily use. These mixers are adaptable depending on the configuration of the farm and the type of livestock. The machines feature a heavy-duty construction and independent axle for better towing characteristics increased longevity.

Pros:

- Suitable for all types of farms
- Wide range of options
- Up to 46 m³ capacity

CONFIGURATIONS & CAPACITIES



SPIRMIX S

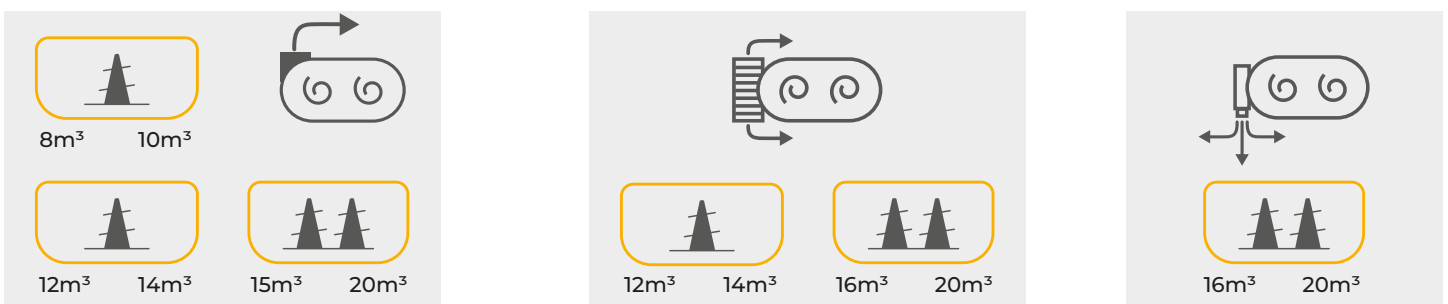


The SPIRMIX S diet feeders have been developed for farms where machine size is an important factor. These machines are compact and manoeuvrable. The rear axle is positioned to provide a very low overall height without compromising manoeuvrability. The lowered machines are ideal for farms where the layout of buildings has height restrictions.

Pros:

- Low overall height
- Capacity from 8 m³

CONFIGURATIONS & CAPACITIES SPIRMIX S



LEGEND:



A ROBUST AND RELIABLE DESIGN



LUCAS G. SKILLS

- 1 A smooth rolled tank.** Lucas G. applies modern manufacturing processes. The tanks are rolled and flared to allow fast and homogenous mixing. This reduces the tractor power requirement to achieve a consistent quality mix.
- 2 Reliable kinematic:** Each auger is driven by a planetary gearbox mounted halfway up the auger for a better stability and to reduce lateral resistance during mixing. These gearboxes are tested for intensive use and are independently protected by shear bolt to prevent damage.
- 3 An anti-overflow ring:** This prevents materials and whole bales from spilling out of the tub during mixing. If there are height issues, the ring can be reverse to keep the initial overall height of the machine.

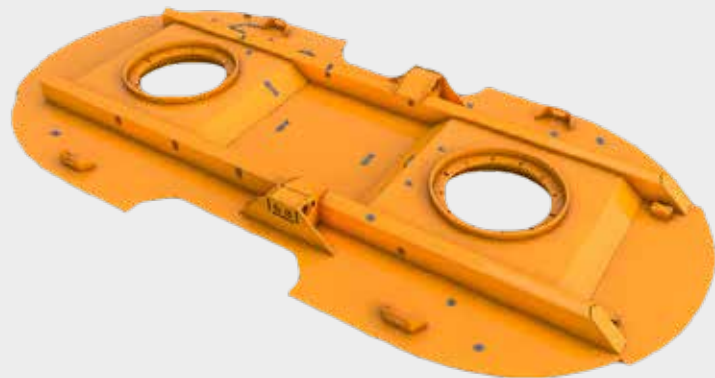
BOTTOM TANK REINFORCEMENT

A long-lasting tank: All the vertical auger diet feeders are equipped with tank reinforcement which prevents deformation of the feeders. This reinforcement limits pressure on the planetary units and the weigh cells during displacement and loading phases.

REINFORCEMENT ON SPIRMIX



REINFORCEMENT ON SPIRMIX S



- 4 **Different shapes of extensions:** To change or improve the useful capacity of the machine and its overall height, it's possible to equip straight or conical side-extensions.
- 5 **The SYSTEM X:** The weighing range of solutions and attachments made by Lucas G, (Programmable weighing, repeater on smartphone , remote control...). It guarantees extremely accurate weighing via the weigh cells that are protected and distributed at strategic places under the tank.
- 6 **Tailored distribution modes.** Every farm is unique in its layout and configuration of buildings and feed passages. To meet varying specification Lucas G offer a range of distribution modes. Which includes trap doors, front and rear conveyors with offsets and elevation as well as front mounted blower to distribute rations into troughs.



A QUALITY MIX WITH HIGH EFFICIENCY

THE BENEFITS OF A ROLLED TANK

The material moves better in a smooth rolled tank because it is not subjected to various constraints. As a result, the ration is mixed naturally and more effectively. The power required for a mix is reduced to a minimum. The smooth flared shape means that a homogeneous mixture can be obtained faster. The round design of the tank automatically extends the life of the tank. Aware of the intensive use of diet feeders, the tanks are made from HEL (High Elastic Limit) steel absorbing the stresses related to loading, mixing and to moving the laden machine.



CUT-OFF PLATES

Mixers are equipped with 2 oversized and manual cut-off plates of 85 cm as standard, they are reversed and located on rear right and front left of the tank side. These cut-off plates are adjustable in 5 positions to speed up the cutting process and to block the fibre at the bottom of the tank.

As an option, it's possible to equip the machine with hydraulic cut-off plates. On straw blower models, these cut-off plates are programable to achieve the desired material length for feeding or bedding

A STEPPED AUGER

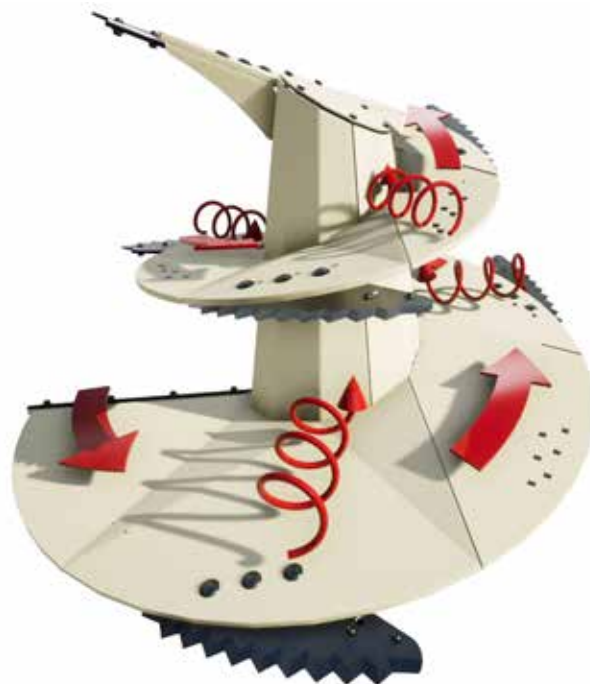
As standard the 110 cm height augers are fitted with 6 tungsten carbide reversible knives to guarantee an improved lifetime To strengthen knives on the auger, a reinforcement in Creusabro absorbs shocks during bale loading phases. To improve the efficiency of knives on ingredients, it's possible to adjust the angle of knives to reduce the cutting time on fibrous material.

OPTION FOR AUGERS:

- 8 or 10 knives per auger to increase cutting efficiency
- 30 cm auger height raiser to reduce the height difference between the top of the tank and the top of the auger to ensure an homogeneous mix with diet feeders fitted with height raisers. (Standard on Spirmix 200 S / 260 / 280)
- Neodymium magnet on the auger scrapper to catch ferrous metals.

AUGER SPEED

- Slow speed used for mixing the ingredients of the ration while respecting the quality and fibrousness of raw materials.
- High Speed used to cut the fibre and to empty the machine at the end of the distribution..



| SPIRMIX | Low speed at 540 rpm | High speed at 540 rpm |
|------------------|----------------------|-----------------------|
| Spirmix 1 auger | 17 rpm | 32 rpm |
| Spirmix 2 augers | 19 rpm | 36 rpm |
| Spirmix 3 augers | 19 rpm | 36 rpm |



OPTIMIZED MIX FOR AN OPTIMUM NUTRITIONAL QUALITY

LUCAS G. knows that it is with quality raw materials that we achieve high nutritional value. The mixture speed should be right, to avoid any risk of overheating and grinding that could spoil the mix. Each Spirmix is equipped with a two-speed gearbox allowing the mixing machine to adapt to tractor powers, even with less available HP. The 2-speed gearbox, rolled tank, and auger design compliment each other to provide the optimum mix more efficiently. The ration is ready to be distributed with maintaining the quality of feed ingredients.

DISTRIBUTION OPTIONS



DISTRIBUTION BY TRAP DOORS

Distribution by trapdoor is the most simple solution to use. It is perfectly suited to rations consisting mostly of silage. To offset the ration during the distribution, it's possible to add as an option an automatically folding mechanical flap acting with the opening or closing of the trap door. The mix slides off of the flap on the trap door onto the floor offset by 20cm from the wheel. This system limits the contact between the distributed ration and the wheels. Once the trap door is closed the flap is automatically folded.

As standard, the distribution trap door is on the right side, adaptable to different configurations, it is possible to personalize the feeder with other distribution options:

- Front right trap door 70 x 100 cm
- Rear left trap door 70 x 100 cm
- Central rear distribution trap door for dead end corridors.
- 90 cm elevating conveyor to distribute into troughs.

DISTRIBUTION BY CONVEYORS

Distribution by conveyor is ideal for fibrous rations. The cross conveyor ensures regular and quick distribution to right or left regardless of the prepared ration. The large width of the conveyor (90 cm x 240 cm) and the discharge trap door (120 cm x 80 cm) prevents jamming problems and gives an even spread along the feed passage. Conveyor speed is adjustable for a perfect control of the distribution. The conveyor can be offset manually by 30 cm or hydraulically by 37,5 cm to the right or left. They are fitted to the front or the rear of the machine to be able to distribute, even in dead-end corridors.

Cross-conveyor options:

- 2nd hydraulic motor for left and right side distribution of heavy rations.
- chain and slat conveyor

| Spirmix | Height of distribution (mm) | Tank / conveyor offset (mm) |
|--------------------------|-----------------------------|-----------------------------|
| Elevating conveyor 0.9 m | 1 180 | 730 |
| Elevating conveyor 1.2 m | 1 340 | 920 |
| Elevating conveyor 1.5 m | 1 600 | 1 230 |
| Spirmix S | | |
| Elevating conveyor 1 m | 1 070 | 920 |



HIGH PERFORMANCE STRAW BEDDING



STRAW BEDDING & DISTRIBUTION SYSTEM WITH SHREDDER

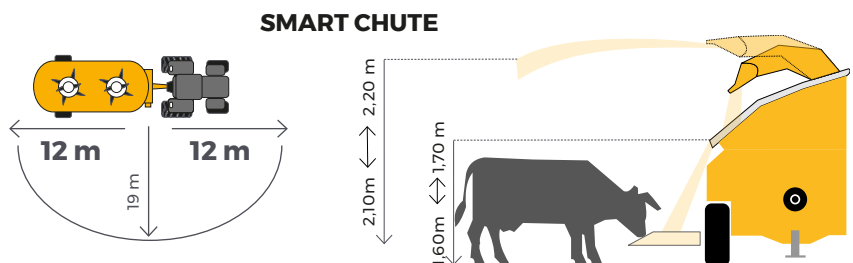
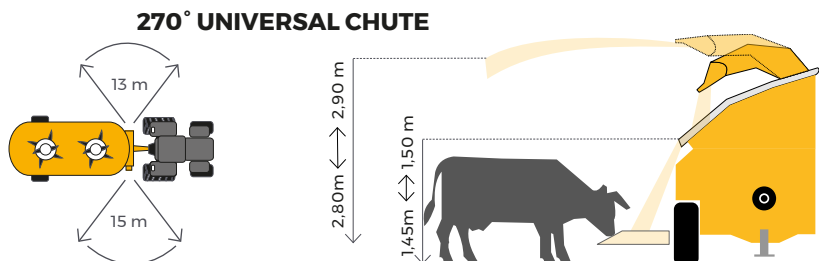
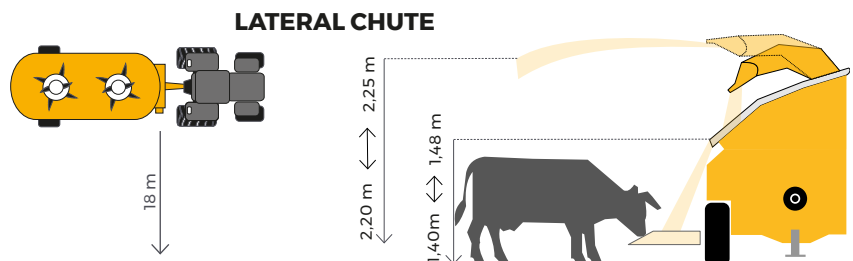
The Spirmix Jet range has a shredder located just before the flywheel, this ensures a smooth distribution of the ration from the fan.

Performance

Block from the CASTOR range of straw feeders recognized for its reliability and performance, for straw bedding over more than 18 meters. Mechanical shredder with teeth combined with a fixed barrier which feed the material with regularity into the $\varnothing 1.6$ m welded flywheel fitted with 6 blowing paddles. Chute cut-off plates, ensuring regular distribution, avoiding jamming problems. This system is enabling an accurate distribution directly on the ground or into troughs.

The Spirmix S range of diet feeders do not have a shredder, the chute is used only for straw bedding.

3 TYPES OF CHUTES FOR STRAW BEDDING AND DISTRIBUTING



ELECTRIC CONTROL & WEIGHING



Spirmix JET Electrical control

For easy control of the fan, the swivelling of the chute and the activation of the cut-off plates.



Electric control for Spirmix conveyor

Controls the offset and regulates the speed of the conveyor. Control of the trapdoor opening and the activation of the cut-off plates.

system^x

THE PRECISION TO SERVE THE RATION

To measure the costs of the distributed rations, the feeders Spirmix are standard equipped with a non-programmable weighing system X400. Each machine is equipped with protected 3, 4 or 6 weigh cells ensuring maximum stability and accuracy of the preparation of the ration. Depending on the model, functions available include weighing ingredients, managing feed recipes and adapting to number of animals and managing feed data. Tare weight system and skipping ingredient can be remote controlled. The X Management software will give you the possibility to manage your stock of raw material, calculate your feed costs per batch of animals.



WIDE RANGE OF OPTIONS

Each farm is unique and has its own way of working. In order to meet your needs, Lucas G diet feeders can be customized in many ways to be as close as possible to your expectations.



Electro-hydraulic speed change

Control the speed of the auger and the fan from the cab..



Neodymium magnet on the auger

Mounted on the scraper to catch ferrous metals.



Rear central trap door

Suitable for the distribution in dead end corridors and for the preparation of pre-mix..



X-Control

Tare weight system and skipping ingredient can be remote controlled

- Scope 25 m.



Farm chef

Launching program, managing the fluctuation of the numbers of heads from your smartphone.



Anti-overflow ring

Contains the material, avoid losses and reinforces the tank..



270° universal chute -U-

Swivelling bedding / distribution system to straw bed both sides in a single pass.



Distribution conveyor with hydraulic offset

37,5 cm left or right offset to avoid contact between the ration and wheels.



Hydraulic cut-off plates

For an even faster cutting process.



SPIRMIX TRAP DOOR

Standard Equipments

- Front right trap door
- Mixing stepped auger with 6 knives
- 2 manual cut-off plates

- Not programmable weighing system X 400
- Two-speed gearbox
- Coupling with bolted ring Ø50
- Hydraulic stand (except 120 / 140)
- Manual control

| Spirmix Trap door | 120 | 130 | 140 | 160 | 170 | 180 | 200 | 220 | 240 | 260 | 280 | |
|-----------------------------|-----------------------------------|---------|---------|----------------------|----------|----------|------------------------------|-----------|-----------|-----------|-----------|--|
| Capacity (m ³) | 12 | 13 | 14 | 16 | 17 | 18 | 20 | 22 | 24 | 26 | 28 | |
| Equivalent dairy cows | 60 - 75 | 65 - 80 | 70 - 90 | 85 - 105 | 90 - 110 | 95 - 120 | 105 - 135 | 110 - 140 | 120 - 150 | 135 - 160 | 150 - 170 | |
| Number of augers | 1 | | | 2 | | | 2 | | | | | |
| Auger height (mm) / knives | | | | | | 1100 / 6 | | | | | 1400 / 8 | |
| Height of distribution (mm) | 530 | | | 600 | | | 650 | | | | | |
| Overall height (m) | 2,76 | 2,92 | 3,03 | 2,80 | 2,92 | 3,10 | 2,80 | 2,96 | 3,13 | 3,27 | 3,60 | |
| Overall length (m) | 2,61 | | | 2,50 | | | 2,61 | | | | | |
| Width at wheels (m) | 2,21 | | | 2,05 | | | 2,28 | | | | | |
| Overall length (m) | 4,95 | | | 6,32 | | | 7,44 | | | | | |
| Useful length (m) | 3,47 | 3,52 | | 4,47 | 4,31 | | 5,90 | 5,68 | | 5,90 | | |
| Tractor Power (HP) | 75 | | | 90 | | | 100 | | | 110 | | |
| Hydraulic distributor | 1 | | | 1 | | | 1 | | | | | |
| Unladen weight (kg) | 3710 | 3830 | 3890 | 6110 | 6210 | 6310 | 6860 | 7050 | 7140 | 7500 | 7780 | |
| Tyres | 12,5 / 80 - 15,3 16 PR - Ø 875 mm | | | 445/45 R19.5 Ø895 mm | | | 385 / 55 - R 22,5 - Ø 996 mm | | | | | |



SPIRMIX CONVEYOR

Standard Equipments

- Left / right distribution conveyor
- Mixing stepped auger with 6 knives
- 2 manual cut-off plates
- Two-speed gearbox

- Not programmable weighing system X 400
- Manual offset 300 mm
- Coupling with bolted ring Ø50
- Hydraulic stand
- Manual control

| Spirmix Conveyor | 120 | 130 | 140 | 160 | 170 | 180 | 200 | 220 | 240 | 260 | 280 | |
|-----------------------------|-----------------------------------|---------|---------|------------------------------|----------|----------|------------------------------|-----------|-----------|-----------|-----------|--|
| Capacity (m ³) | 12 | 13 | 14 | 16 | 17 | 18 | 20 | 22 | 24 | 26 | 28 | |
| Equivalent dairy cows | 60 - 75 | 65 - 80 | 70 - 90 | 85 - 105 | 90 - 110 | 95 - 120 | 105 - 135 | 110 - 140 | 120 - 150 | 135 - 160 | 150 - 170 | |
| Number of augers | 1 | | | 2 | | | 2 | | | 2 | | |
| Auger height (mm) / knives | | | | | | 1100 / 6 | | | | | 1400 / 8 | |
| Height of distribution (mm) | 770 | | | 775 | | | 830 | | | | | |
| Overall height (m) | 2,83 | 2,99 | 3,16 | 2,80 | 2,95 | 3,10 | 2,80 | 2,96 | 3,13 | 3,27 | 3,60 | |
| Overall length (m) | 2,50 | | | 2,46 | | | 2,50 | | | | | |
| Width at wheels (m) | 2,21 | | | 2,05 | | | 2,28 | | | | | |
| Overall length (m) | 5,53 | | | 6,86 | | | 8,00 | | | | | |
| Useful length (m) | 3,47 | 3,52 | | 4,47 | 4,31 | | 5,90 | 5,68 | | 5,90 | | |
| Tractor Power (HP) | 75 | | | 90 | | | 100 | | | 110 | | |
| Hydraulic distributor | 2 | | | 2 | | | 2 | | | 2 | | |
| Unladen weight (kg) | 4400 | 4560 | 4650 | 6350 | 6450 | 6550 | 7710 | 7880 | 7980 | 8480 | 8750 | |
| Tyres | 12,5 / 80 - 15,3 16 PR - Ø 875 mm | | | 445 / 45 - R 19,5 - Ø 895 mm | | | 385 / 55 - R 22,5 - Ø 996 mm | | | | | |





SPIRMIX CONVEYOR

Standard Equipments

- Left / right distribution conveyor
- Mixing stepped auger with 6 knives
- 2 manual cut-off plates
- Tandem axle Spirmix 270 / 390

- Not programmable weighing system X 400
- Manual offset 300 mm
- Coupling with bolted ring Ø50
- Hydraulic stand
- Manual control
- Tridem axle Spirmix 420 / 460

| Spirmix Conveyor | 270 | 300 | 320 | 350 | 350 | 390 | 420 | 460 |
|-----------------------------|------------------------------|-----------|-----------|-----------|-----------|------------------------------|-----------|-----------|
| Capacity (m ³) | 27 | 30 | 32 | 35 | 35 | 39 | 42 | 46 |
| Equivalent dairy cows | 140 - 170 | 155 - 180 | 170 - 200 | 180 - 210 | 180 - 210 | 200 - 240 | 220 - 260 | 240 - 285 |
| Number of augers | 3 | | | 3 | | | | |
| Auger height (mm) / knives | 1100 / 6 | | | | | | | |
| Height of distribution (mm) | 750 | | | 750 | | | 900 | |
| Overall height (m) | 2,87 | 3,07 | 3,17 | 3,38 | 2,87 | 3,08 | 3,22 | 3,52 |
| Overall length (m) | 2,54 | | | 2,85 | | | | |
| Width at wheels (m) | 2,43 | | | 2,43 | | | | |
| Overall length (m) | 9,60 | | | 10,70 | | | | |
| Tractor Power (HP) | 125 | 130 | 135 | 140 | 160 | 170 | 180 | 190 |
| Hydraulic distributor | 2 | | | 2 | | | | |
| Unladen weight (kg) | 12500 | 13000 | 13250 | 13500 | 14000 | 14500 | 16000 | 16500 |
| Tyres | 445 / 45 - R 19,5 - Ø 895 mm | | | | | 445 / 45 - R 19,5 - Ø 900 mm | | |



SPIRMIX JET

Standard Equipments

- Right lateral chute for straw bedding and distribution
- Mixing stepped auger with 6 knives
- 2 manual cut-off plates

- Two-speed gearbox
- Not programmable weighing system X 400
- 2-speed fan with shredder
- Coupling with bolted ring Ø50
- Hydraulic stand
- Electric control

| Spirmix JET | 120 | 130 | 140 | 160 | 170 | 180 | 200 | 220 | 240 | 260 |
|--|-------------------------------|---------|---------|------------------------------|----------|----------|------------------------------|-----------|-----------|-----------|
| Capacity (m ³) | 12 | 13 | 14 | 16 | 17 | 18 | 20 | 22 | 24 | 26 |
| Equivalent dairy cows | 60 - 75 | 65 - 80 | 70 - 90 | 85 - 105 | 90 - 110 | 95 - 120 | 105 - 135 | 110 - 140 | 120 - 150 | 135 - 160 |
| Number of augers | 1 | | | 2 | | | 2 | | | |
| Auger height (mm) / knives | | | | 1100 / 6 | | | 1400 / 8 | | | |
| Distribution height lateral chute / U (m) | 1,44 / 1,48 | | | 1,48 / 1,50 | | | 1,46 / 1,55 | | | |
| Straw bedding height lateral chute / U (m) | 2,22 / 2,85 | | | 2,22 / 2,80 | | | 2,25 / 2,93 | | | |
| Overall height (m) | 2,83 | 2,99 | 3,16 | 2,80 | 2,95 | 3,10 | 2,80 | 2,96 | 3,13 | 3,27 |
| Overall length (m) | 2,55 | | | 2,50 | | | 2,55 | | | |
| Width at wheels (m) | 2,21 | | | 2,05 | | | 2,22 | | | |
| Overall length (m) | 5,74 | | | 7,08 | | | 8,20 | | | |
| Tractor Power (HP) | 80 | | | 90 | | | 110 | | | |
| Hydraulic distributor | 2 | | | 2 | | | 2 | | | |
| Unladen weight (kg) | 4950 | 5105 | 5150 | 7300 | 7400 | 7500 | 8580 | 8820 | 8980 | 9350 |
| Tyres | 12,5/80 15,3 / 16 PR Ø 875 mm | | | 445 / 45 - R 19,5 - Ø 895 mm | | | 385 / 55 - R 22,5 - Ø 996 mm | | | |





SPIRMIX JET

Standard Equipments

- Right lateral chute for straw bedding and distribution
- Mixing stepped auger with 6 knives
- Two-speed gearbox
- Hydraulic stand
- Electric control
- Not programmable weighing system X 400
- 2 manual cut-off plates
- 2-speed fan with shredder
- Coupling with bolted ring Ø50

| Spirmix Jet | 270 | 300 | 320 | 350 |
|---|------------------------------|-----------|-----------|-----------|
| Capacity (m ³) | 27 | 30 | 32 | 35 |
| Equivalent dairy cows | 140 - 170 | 155 - 180 | 170 - 200 | 180 - 210 |
| Number of augers | 3 | | | |
| Auger height (mm) / knives | 1100 / 6 | | | |
| Distribution height with lateral / U chute (mm) | 1,44 / 1,46 | | | |
| Straw bedding height lateral chute / U (m) | 2,18 / 2,76 | | | |
| Overall height (m) | 2,87 | 3,07 | 3,17 | 3,38 |
| Overall length (m) | 2,58 | | | |
| Width at wheels (m) | 2,43 | | | |
| Overall length (m) | 9,80 | | | |
| Tractor Power (HP) | 140 | 145 | 150 | 155 |
| Hydraulic distributor | 1 | | | |
| Unladen weight (kg) | 13450 | 13950 | 14200 | 14450 |
| Tyres | 445 / 45 - R 19,5 - Ø 900 mm | | | |



SPIRMIX S TRAP DOOR

Standard Equipments

- Front right trap door
- Mixing stepped auger with 6 knives
- 2 manual cut-off plates
- Not programmable weighing system X 400 (except 80 S - 100 S)
- Single-speed box
- Coupling with bolted ring Ø50
- Manual stand

| Spirmix S Trap door | 80 S | 90 S | 100 S | 120 S | 130 S | 140 S | 150 S | 160 S | 170 S | 180 S | 200 S | |
|-----------------------------|-----------------------------------|---------|---------|---------------------------------|---------|---------|-------------------------------|----------|----------|----------|-----------|--|
| Capacity (m ³) | 8 | 9 | 10 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 20 | |
| Equivalent dairy cows | 40 - 55 | 45 - 60 | 50 - 65 | 60 - 75 | 65 - 80 | 70 - 90 | 80 - 100 | 85 - 105 | 90 - 110 | 95 - 120 | 105 - 135 | |
| Number of augers | 1 | | | | 2 | | | | | | | |
| Auger height (mm) / knives | 1100 / 6 | | | | | | | | 1400 / 8 | | | |
| Height of distribution (mm) | 380 | | | 385 | | | | 440 | | | | |
| Overall height (m) | 2,48 | 2,64 | 2,80 | 2,56 | 2,72 | 2,89 | 2,49 | 2,60 | 2,75 | 2,85 | 3,10 | |
| Overall length (m) | 2,29 | | | 2,52 | | | | 2,55 | | | | |
| Width at wheels (m) | 1,95 | | | 1,90 | | | | 2,49 | | | | |
| Overall length (m) | 4,46 | | 4,81 | | | 6,22 | | | 4,31 | | | |
| Useful length (m) | 3,10 | 2,88 | 3,47 | 3,25 | 4,48 | 4,31 | 90 | | | | | |
| Tractor Power (HP) | 60 | | | | 75 | | | | 90 | | | |
| Hydraulic distributor | 1 | | | | 1 | | | | 1 | | | |
| Unladen weight (kg) | 2900 | 3060 | 3090 | 3600 | 3700 | 3790 | 5600 | 5700 | 5800 | 5900 | 6180 | |
| Tyres | 11,5 / 80 - 15,3 14 PR - Ø 844 mm | | | 30 x 11,5 - 14,5 26 PR Ø 710 mm | | | 315 / 80 - R 22,5 - Ø 1074 mm | | | | | |





SPIRMIX S CONVEYOR

Standard Equipments

- Rear distribution conveyor left / right 120 S / 140 S
- Front distribution conveyor left / right 160 S / 200 S
- 2 manual cut-off plates
- 2-speed (except 120 S / 140 S)
- Not programmable weighing system X 400
- Manual offset 300 mm
- Mixing stepped auger with 6 knives
- Manual stand
- Manual control
- Coupling with bolted ring Ø50

| Spirmix S Conveyor | 120 S | 130 S | 140 S | 160 S | 170 S | 180 S | 200 S |
|-----------------------------|---------------------------------|---------|---------|-------------------------------|----------|----------|-----------|
| Capacity (m ³) | 12 | 13 | 14 | 16 | 17 | 18 | 20 |
| Equivalent dairy cows | 55 - 70 | 60 - 75 | 65 - 80 | 80 - 105 | 85 - 110 | 90 - 115 | 105 - 135 |
| Auger height (mm) / knives | | | | 1100 / 6 | | 1400 / 8 | |
| Number of augers | 1 | | | 2 | | | |
| Height of distribution (mm) | 500 | | | 600 | | | |
| Overall height (m) | 2,56 | 2,72 | 2,89 | 2,60 | 2,75 | 2,89 | 3,10 |
| Overall length (m) | 2,47 | | | 2,55 | | | |
| Width at wheels (m) | 1,90 | | | 2,49 | | | |
| Overall length (m) | 5,18 | | | 6,88 | | | |
| Useful length (m) | 3,47 | 3,52 | 4,47 | 4,47 | 4,31 | 4,31 | |
| Tractor Power (HP) | 75 | | | 90 | | | |
| Hydraulic distributor | 2 | | | 2 | | | |
| Unladen weight (kg) | 4050 | 4175 | 4300 | 6160 | 6260 | 6360 | 6640 |
| Tyres | 30 x 11,5 - 14,5 26 PR Ø 710 mm | | | 315 / 80 - R 22,5 - Ø 1074 mm | | | |



SPIRMIX S JET

Standard Equipments

- Right lateral chute for straw bedding
- Mixing stepped auger with 6 knives
- 2 manual cut-off plates
- Two-speed gearbox
- Not programmable weighing system X 400
- Front right trap door
- 2-speed fan
- Manual stand
- Electric control
- Coupling with bolted ring Ø50

| Spirmix S Jet | 160 S | 170 S | 180 S | 200 S |
|--|-------------------------------|-------------|-------------|-----------|
| Capacity (m ³) | 16 | 17 | 18 | 20 |
| Equivalent dairy cows | 80 - 105 | 85 - 110 | 90 - 115 | 105 - 135 |
| Number of augers | 2 | | | |
| Auger height (mm) / knives | 1100 / 6 | | | 1400 / 8 |
| Distribution height trap door (mm) | 440 | | | |
| Straw bedding height lateral chute / U (m) | 2,19 / 2,80 | | | |
| Overall height (m) | 2,62 / 2,95 | 2,75 / 2,95 | 2,85 / 2,95 | 3,10 |
| Overall length (m) | 2,59 | | | |
| Width at wheels (m) | 2,49 | | | |
| Overall length (m) | 7,10 | | | |
| Useful length (m) | 4,47 | 4,31 | 4,31 | |
| Tractor Power (HP) | 90 | | | |
| Hydraulic distributor | 2 | | | 1 |
| Unladen weight (kg) | 7030 | 7130 | 7230 | 7510 |
| Tyres | 315 / 80 - R 22,5 - Ø 1074 mm | | | |

OUR TIPS FOR OPTIMUM MIXING

- Check that auger knives are sharp
- Load ingredients in order of density with lighter less dense materials first.
- Load silage from the full width of the clamp
- Load materials in the centre of the mixer
- When required add liquids gradually
- Do not overload the mixer
- See the ration during the preparation
- Do pre-mix



R&D, AFTER SALES SERVICE & SPARE PARTS : THE SPIRIT OF SERVICE EVERYDAY



Your Lucas G dealer

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