

**YOUR PARTNER
FOR THE FUTURE**

Since 1973



MIXER WAGONS

SELF PROPELLED • TRAILED • STATIONARY





85% EXPORT RATE



WORLD LEADERSHIP

44

YEARS OF BUSINESS

"I FEEL LIKE I'VE ONLY JUST STARTED TO ACHIEVE MY DREAMS AND AMBITIONS..."

Sante Faresin - Chairman

FARESIN INDUSTRIES

Faresin Industries, based in **Breganze (VI)** designs, manufactures and sells mixer wagons for the zootechnical and telescopic handlers sector for the agricultural, industrial and construction sectors. A company of excellence which exports **85%** of its production.

The company, founded in **1973** by the current **President Sante Faresin**, combines the tradition of solid family leadership with the dynamism of an international group, boasting a global presence with its own subsidiaries in **France**, **Germany** and **Poland** as well as through an extensive network of distributors and dealers.

The **future** for Faresin Industries is not simply a noun that makes for a catchy slogan but for more than **40** years the future has been the heart of its vision, the motivation that drives its way of doing business. This is similar to the concept of **partnership**, from the start split into

listening skills and **customer proximity** which guides the development of its products.

Backed by these essential principles, the company has stood tall in the face of the epic crisis currently being experienced by the global economy, and in particular by the farming world, choosing to view the change as an opportunity for further growth.

With this concept in mind, **Faresin Industries** recently launched an ambitious but realistic industrial plan that will guide the company in the coming years towards positions of **leadership in the world market**.

A plan that is first and foremost a structured roadmap in two main directions: the development of products that promptly respond to the needs of customers and the constant improvement of after-sales services in terms of quality, response times and methodology.

FARESIN IS GREEN TECHNOLOGY FROM PRODUCTION TO MACHINES

For us at **Faresin Industries** the reduction of CO₂ is not just an obligation but a goal that has become a priority and is pursued every day.

The entire process is characterised by careful attention: from the design right through to the final product, including a prudent supplier selection process. Each step is the object of careful assessment in order to guarantee the efficient reduction of emissions. Faisal was the first company to combine, in the self-propelled mixer wagons, high performance with energy consumption reduction: a demonstration of the practical commitment assumed.

That's why we chose to call the new generation of machines **Ecomix** and **Ecomode**. Respect for the environment is a lever of development which results in lowering operating costs and thus increasing of margins for the breeder.



**+ RESPECT FOR
FOR THE
ENVIRONMENT**



- CO₂ EMISSIONS



- CONSUMPTION



TECHNOLOGY AT THE SERVICE OF YOUR BUSINESS



1

WE LISTEN TO YOUR
NEEDS ON THE FIELD



2

WE TURN THEM
INTO PROJECTS



3

WE RESPOND
TO YOUR NEEDS



A past, a present and a future alongside customers

For more than **40** years we have worked with breeders and farmers from all over the world addressing the complexities of their businesses because their success is our success.

The ability to industrialise innovation, translating it into concrete and tangible benefits for the agricultural world is part of **Faresin Industries' DNA** .

SELF PROPELLED RANGE



LEADER DOUBLE
STANDARD | ECOMIX | ECOMODE

DOUBLE VERTICAL AUGER
1800 - 2000 - 2200 - 2600 - 2800 - 3000 - 3300



LEADER MONO
STANDARD | ECOMIX | ECOMODE

SINGLE VERTICAL AUGER
1100 | 1400A* | 1400B* | 1700A* | 1700B* | 2000

RANGE OF TRAILED & STATIONARY MACHINES



RAMBO
SINGLE VERTICAL AUGER
350 | 500 | 700 | 900 | 1050



TWINNER
DOUBLE VERTICAL AUGER
1300 | 1600 | 1800



MASTER
THREE HORIZONTAL AUGERS
700 | 850 | 1050 | 1200 | 1400 | 1700 | 1900



STATIONARY TRE
TRIPLE VERTICAL AUGER
3000 | 3600 | 4000 | 4600



STATIONARY DOUBLE
DOUBLE VERTICAL AUGER
1800 | 2200 | 2600 | 3000



STATIONARY MONO
SINGLE VERTICAL AUGER
900 | 1100



LEADER DOUBLE COMPACT
STANDARD | ECOMIX | ECOMODE

DOUBLE VERTICAL AUGER
1200 | 1400 | 1600



LEADER MONO COMPACT
STANDARD | ECOMIX

SINGLE VERTICAL AUGER
1200 | 1400 | 1600



MAGNUM TRE

TRIPLE VERTICAL AUGER
3000 | 3600A* | 3600B* | 4000 | 4600



MAGNUM DOUBLE

DOUBLE VERTICAL AUGER
1200 | 1400 | 1600 | 1800 | 2000 | 2200 |
2600 | 3000



MAGNUM MONO

SINGLE VERTICAL AUGER
900 | 1100 | 1300A* | 1300B* | 1500 | 1700

**A COMPLETE RANGE WITH OVER 90 CONFIGURATIONS ,
FROM 3.5 TO 46 CUBIC METERS OF VOLUME
AND FROM 1 TO 3 MIXING AUGERS.**

**EVERYTHING YOU NEED TO MEET
YOUR EVERY NEED .**

The versions with the A suffix identify models with raised mixing tank while the versions with the B suffix identify models with recessed tank

LEADER :

• ECOMIX VERSION

HYDROSTATIC TRANSMISSION WITH **3 OPERATING** MODES:

1. **0-8 KM/H** FOR GREATER SENSITIVITY
2. **0-15 KM/H** DURING MIXING AND MOVING AT THE COMPANY
3. **0-30 KM/H** FOR ROAD TRANSFERS

• ECOMODE VERSION (- 20% OF FUEL CONSUMPTION AND EMISSIONS)

HYDROSTATIC TRANSMISSION WITH **3 OPERATING** MODES:

1. **0-8 KM/H** FOR GREATER SENSITIVITY
2. **0-20 KM/H** DURING MIXING AND MOVING AT THE COMPANY
3. **0-40 KM/H** FOR ROAD TRANSFERS



HIGH PERFORMANCE
LOADING ARM

pg. **10**

LOADING ARM
WITH SLASHER

pg. **12**

TOP OF HOMOGENEITY
UNIFEEED

pg. **14**

• STANDARD VERSION

HYDROSTATIC TRANSMISSION WITH 2 OPERATING MODES:

1. 0-8 KM/H FOR PRECISE WORK
2. 0-30 KM/H FOR ROAD TRANSFERS



CAB

pg. **16**

MOTOR AND
TRANSMISSION

pg. **18**

LEADER
ECOMIX - ECOMODE

pg. **20**

HIGH PERFORMANCE LOADING ARM



THE FIGURES DO THE TALKING

Width of 2000 mm and drum diameter 700 mm (Leader Ecomix/Ecomode) or 600 mm (Leader Standard) . Milling cutters in the Ecomix/Ecomode line reach a power of up to 150 Hp.

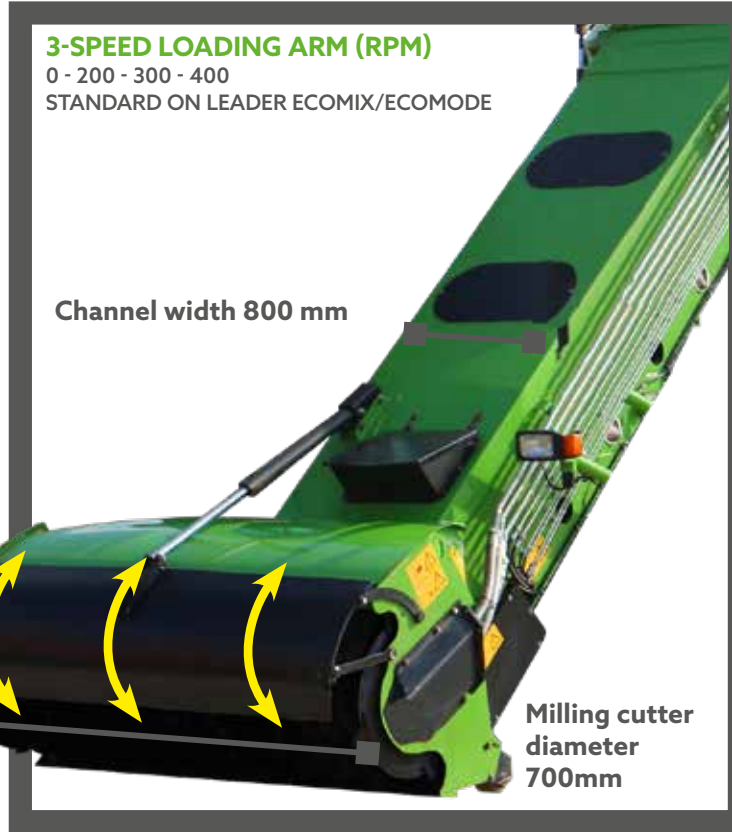
After work the loading arm leaves the front of the silo compact and clean while preserving the silage quality. Faresin proves to you with actual figures the performance of its loading arm: the loading channel with a width of 800 mm is the largest on the market , is the best dimensioned in its category, offers a loading capacity of 10 cubic meters of product per minute (density 300 kg per cubic meter) and guarantees a rapid and continuous flow.

The maximum desiloing height is 5.9 m . The loading arm geometry obtains precise and rapid cuts of the load with all different types of product (corn silage, straw/hay and derivatives for biogas). As standard the loading arm roller is covered by a hydraulic protection to ensure safety.

LOADING HALT

FOR THE LOADING ARM BLOCK

The new Loading Halt system, available in the Ecomix/ Ecomode version with electric service distributors, is an automatic blocking system that acts on the loading arm and conveyor, ensuring the exact ration is loaded and not one kilo more!



3-SPEED LOADING ARM (RPM)
0 - 200 - 300 - 400
STANDARD ON LEADER ECOMIX/ECOMODE

Channel width 800 mm

Length 2000 mm
The roller turns in both directions

Milling cutter diameter 700mm



STAINLESS STEEL CHANNEL INLET

The loading arm inlet is made of stainless steel to improve the **durability** of the channel subject to particular wear.



HYDRAULIC LOADING ARM COUNTER-BLADES

Designed to work with **long fibre** or particularly **tough** and **compact products**. Hydraulic counter-blades improve cutting performance during mixing.



MAINTENANCE

Central greasing system for **rapid, easy** and **safe maintenance**. Available in manual or automatic mode.



CLEANING AND PROTECTION LOADING ARM

The underside of the loading arm ensures excellent cleaning of the surfaces where the operations take place, preventing product waste and dirt in the surrounding area. We fit as standard the hydraulically controlled loading arm roller protection cover.



LOADING ARM ROLLER

The spiral shape from the outside to the inside of the loading arm roller optimises the load and makes the machine more efficient, keeping the nutritional values of products integral without spoiling the fibre.



BLADE ADJUSTMENT

There are two types of loading arm blades according to the product to be desiloed and which can be set in 2 different positions to make cutting more or less aggressive.



LOADING ARM WITH **SLASHER**



2

directions of rotation

3 ROTATION SPEED

2

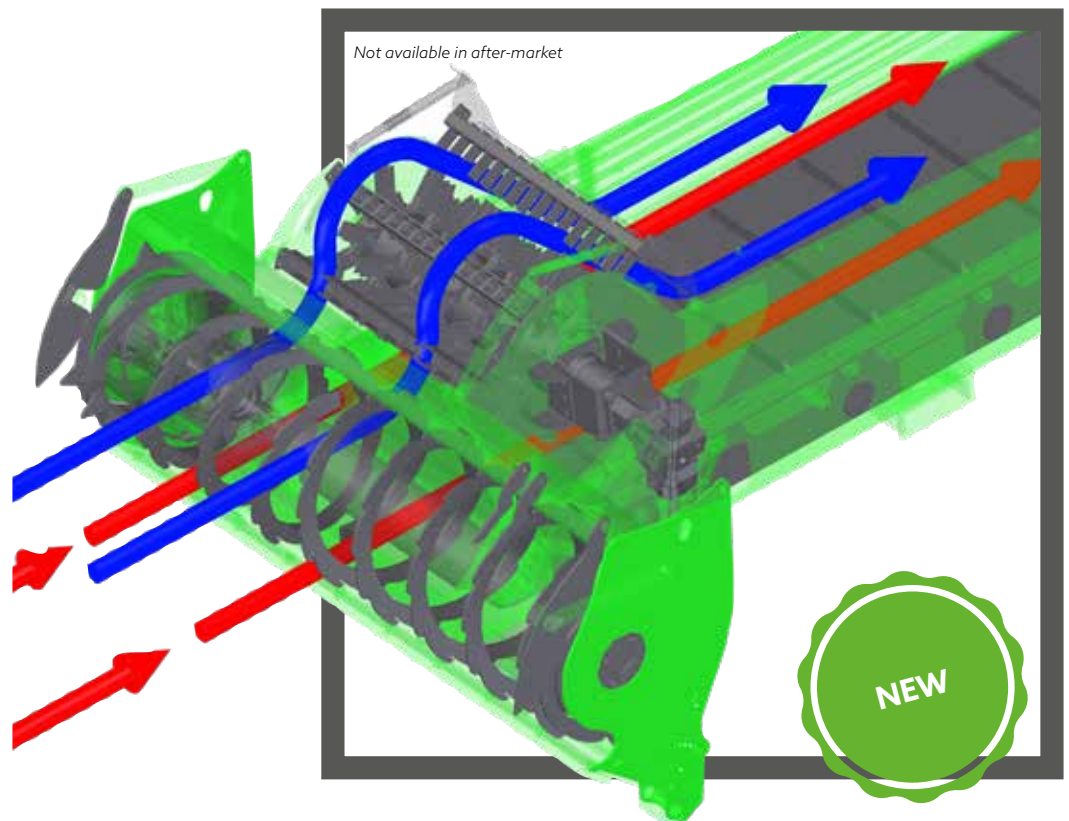
counter-blade series

FRONT WITH **16** BLADES,
REAR WITH **32** BLADES

128

reversible blades

ROLL WITH SLASHER
WITH A WIDTH OF **800** MM



The loading arm with the slasher installed on **the Leaders** is an option designed to meet the need for a clean cut of the long fibre. It ensures a **perfect cut of the fibre**, significantly reducing **cutting, mixing and overall working times**.

ADVANTAGES OF MILLING CUTTER WITH SLASHER:

- ✓
 PRECISE AND UNIFORM CUTTING OF THE FIBRE

- ✓
 CUSTOMISED LENGTH OF THE FIBRE: FROM 2.5 TO 8 CM

- ✓
 LOADING TIMES REDUCED BY UP TO 50%

- ✓
 CUTTING TIMES REDUCED BY UP TO 50%

- ✓
 OVERALL CONSUMPTION REDUCED BY 20%

TMR PRIORITY TO THE HOMOGENEITY

A QUALITY MIXTURE FOR THE WELL-BEING AND PRODUCTIVITY OF YOUR ANIMALS

We design our mixer wagons to enable you to achieve a high quality and homogeneous unifeed. This collects the experience gained in 40 years of market presence.

The mixing quality and **the integrity of the fibre** are guaranteed by the design of the augers, the arrangement of the blades and by the special shape of the mixing tank.



AUGER

The augers were designed to guarantee the best cutting performance. The Leader Standard versions offer augers with 2 continuous variation speeds **0-20 rpm/min or 0-40 rpm/min**.

The Leader Ecomode/Ecomix versions offer a range of **8 speeds: 5 - 10 - 15 - 20 - 25 - 30 - 40 - 45** revolutions per minute, including **cleaning** mode for rapid emptying of the mixing tank.

TUNGSTEN AND DUROSTAT

For particularly intensive products and demanding tasks, special **Durostat** steel augers with **tungsten coated knives** are available.

PLUS

ULTRA-PERFORMING HYDRAULIC REGULATION OF AUGER SPEED



NO REST OF RATION ON BOTTOM AND AUGERS



MAXIMUM FLEXIBILITY WHEN SELECTING UNLOADING POSITIONS



HIGH-QUALITY STEEL



TOP OF THE RANGE THICKNESSES





EXCELLENT MIXING

Mixing is achieved through movement with " **fountain** " effect (bottom to top) for single auger models and also with figure "**eight**" effect in the auger models (movement upward and from the front to the rear area and vice versa). In the Leader **ECOMIX** and **ECOMODE** self-propelled versions as in the **CVMIX** versions of the trailed wagons, it is possible to adjust the speed of the augers at different loading stages in relation with the mixing phase, so that, at the end of loading, the preparation is ready for distribution.

LOAD CELLS

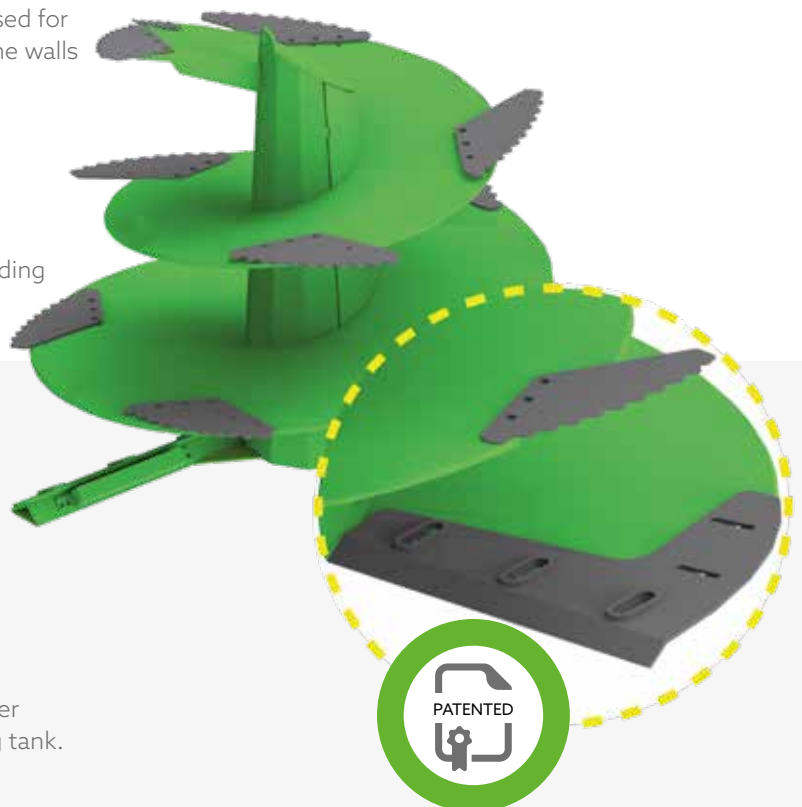
To guarantee excellent mixing and the right ration, accurate product weighing is a must; this is guaranteed by the 4 load cells, which have been treated to ensure accuracy in all weather conditions.

QUALITY STEEL

The quality of the certified steel used in our machines is synonymous with high quality. High durability over time: a safe return for your investment. The steel thickness used for the frame is 15 or 20 mm, the tub bottom is 25 mm, the walls are 8 mm thick and the augers are up to 20 mm.

UNLOADING

The different unloading positions available enable the machines to distribute the ration in the most various types of barns. Upon request an hydraulic operated sliding conveyor of up to 400 mm is available.



POWER BLADE

FOR A GOOD MIXTURE

The **Power Blade** in **Durostat material** dramatically enhances the durability of the auger and ensures over time a correct flow of the products inside the mixing tank.

CAB

COMFORT, VISIBILITY AND ERGONOMICS

- ✓ **Follow** silage unloading operations without interruptions thanks to the anti-glare glazed surface, **now 20% larger**
- ✓ **Manage the machine** an intuitive colour LCD multi function display on all versions
- ✓ **Try the anatomic seat that can be adjusted to the weight and height** of the driver, featuring an adjustable headrest and folding armrest. A pneumatic seat is available upon request.
- ✓ **Make your working ambience more comfortable** with an efficient air conditioning, heating and ventilation system
- ✓ **6 high illumination LED lights**
- ✓ Video camera for reversing and monitoring of the mixture inside the tank
- ✓ New door upholstery with additional document holder pouches
- ✓ The cab complies with EC regulations
- ✓ Sun curtain
- ✓ Beverage compartment



ELECTRIC SERVICE DISTRIBUTORS

Different operations at the same time with the various services are possible and optimised thanks to electro-hydraulic distributors and high capacity hydraulic system.

The hydraulic services allow the operator to work in either automatic or manual mode during conveyor loading operations. They increase the speed of the loading arm during lifting and lowering. Automatic opening and closure of the roller protection. Adjustment of the loading and unloading conveyor speed.





**CAB WITH 20%
EXTRA VISIBILITY
AND EXCELLENT
VISIBILITY OF
RIGHT-HAND SIDE**



MULTI-FUNCTION
JOYSTICK
TO CONTROL
EVERYTHING
AT THE SAME TIME:

- ✓ ENGINE SPEED
- ✓ LOADING DRUM
SPEED
- ✓ DRIVE SPEED
- ✓ AUGER REVS

ENGINE AND TRANSMISSION



ENGINE

With the Leader **Ecomix** and **Ecomode** it is possible to maximise the machines performance to obtain the best result and to limit fuel consumption (up to 20% less than the Leader Standard). With the **Ecomix** and **Ecomode** versions the operator will no longer have to worry about choosing the correct engine RPM, as the **electronic brain** of the machine will handle all **10 functions** thereby always ensuring the power needed for operations.

TRANSMISSION

The Leader **Ecomix** and **Ecomode** versions include automatic control of the hydrostatic transmission with **3 modes** : up to **8 km/h** with greater sensitivity in movements during use for desiloing, up to **20 km/h** (**15 km/h** for the Leader Ecomix) during mixing and movement at the farm and up to **40 km/h** (**30 km/h** for the Leader Ecomix) for quick road transfers. In **the Leader Standard version**, the hydrostatic drive has two driving modes of advancement: up to **8 km/h** for loading and up to **30 km/h** for driving throughout the company.

ELECTRONIC MANAGEMENT

The transmission and hydraulic electronic management of the augers always ensures a maximum torque thereby achieving maximum efficiency and reduced consumption.

PLUS

**EASE OF
MAINTENANCE OF REAR
ENGINE
AND HYDRAULIC SERVICES**



**MAXIMUM COMFORT
AND EASY
HANDING**



**QUICK
AND EASY ACCESS
TO ANY ITEM**





DIESEL ENGINES

Deutz 3A 4 cylinders 103 kW turbo intercooler commonrail

FPT 3A 6 cylinders 129 kW turbo intercooler

FPT 3B 6 cylinders 181 kW turbo intercooler commonrail

FPT 4F 4 cylinders 125 kW turbo intercooler commonrail

FPT 4F 6 cylinders 151 kW turbo intercooler commonrail

FPT 4F 6 cylinders 187 kW turbo intercooler commonrail

FPT 4F 6 cylinders 210 kW turbo intercooler commonrail

FPT 4F 6 cylinders 247 kW turbo intercooler commonrail



ENGINE

The motor is housed to the rear providing a **balanced machine, more comfort, greater radiating surface area** and **ease of cleaning**.

AXLES

The Leader range is fitted with axles depending on the hydrostatic transmission model with **integrated hydraulic brakes**.

PNEUMATIC SUSPENSIONS

As standard equipment on the front axle **of Leader Standard and Ecomix**. As standard equipment on both axles for **Leader Ecomode**.



GEAR MOTOR

The proportional electro-hydraulic management of the gearbox assures **high speed, a soft start, adjustability, less consumption** and **greater quality of the feed**.

LEADER ECOMIX

TOP SPEED OF 30 KM/H ACHIEVED AT ONLY 1800 RPM (ECODRIVE): FUEL SAVINGS OF 20%.

TRANSMISSION

Automatic control of hydrostatic transmission in 3 operating modes:

8
km/h

Up to **8 km/h** during milling and loading of products

15
km/h

Up to **15 km/h** during mixing and transfer operations

30
km/h

Fast and safe transfers on the road up to **30 km/h**

TECHNOLOGIES

- ✓ Self-locking differential with **limited slip**
- ✓ **4** wheel drive
- ✓ **3** steering systems

PLUS

20
%

Huge reduction in fuel consumption - 1800 rmp = - **20%** of consumption, - **20%** of emissions

0

0 uncertainty in choosing the correct rpm with the innovative **electronic brain**



LEADER ECOMODE

TOP SPEED OF 40 KM/H ACHIEVED AT ONLY 1800 RPM (ECODRIVE): FUEL SAVINGS OF 20%.



TRANSMISSION

Automatic control of hydrostatic transmission in 3 operating modes:

8 km/h

Up to **8 km/h** during precise work and loading of products

20 km/h

Up to **20 km/h** during mixing and transfer operations

40 km/h

Fast and safe transfers on the road up to **40 km/h**

TECHNOLOGY

- ✓ **ABS** braking control
- ✓ **HH** hill start control
- ✓ Self-locking differential with **limited slip**
- ✓ **4** wheel drive
- ✓ **3** steering systems

PLUS

20 %

Huge fuel consumption - 1800 rpm = - **20%** of consumption, - **20%** of emissions

0

0 uncertainty in choosing the correct rpm with the innovative **electronic brain**



4 WHEEL DRIVE + 3 STEERING SYSTEMS



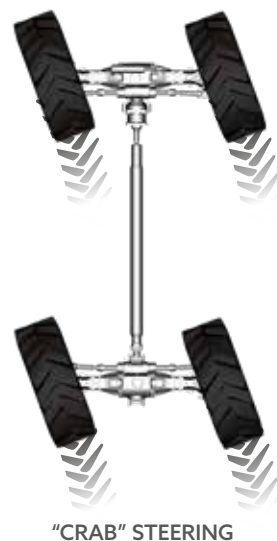
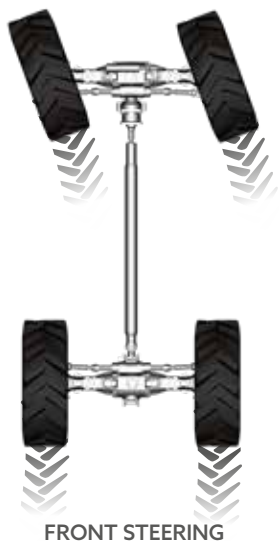
The three steering systems and four drive wheels in your Leader allow full control in all working conditions.

These systems significantly shorten the turning radius of the machines.

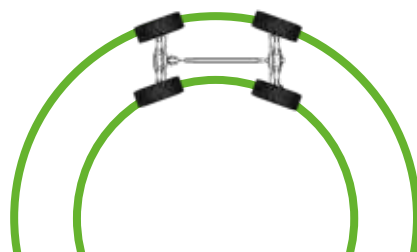
For guaranteed extra safety during driving at 40

km/h, the Ecomode version is supplied standard with control devices (ABS), traction devices (ASR) and uphill start control (HH).

Across the entire range, both axles are supplied with an automatic *limited slip* locking system.



The rear wheels follow the path of the front wheels.





WHY CHOOSE **FARESIN?**

- TO OBTAIN AN **OPTIMAL MIX**
- TO ACHIEVE **FAST** EXECUTION TIMES
- **TO RESPECT THE FIBRE**
- **ECONOMIZING** IN TERMS OF **TIME MANAGEMENT** AND **CONSUMPTION**
- A COMPANY ABLE TO ALWAYS PROVIDE SERVICES OF **ASSISTANCE** AND **SPARE PARTS**

SELF-PROPELLED. MAKE YOUR CHOICE

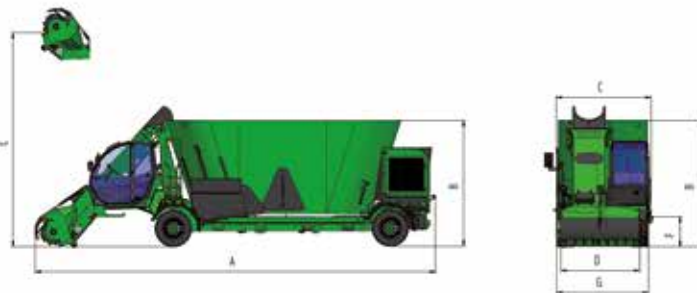
STANDARD AND OPTIONAL FEATURES

	LEADER STANDARD	LEADER ECOMIX	LEADER ECOMODE
ELECTRONIC CONTROL SYSTEM	-	standard	standard
ROLLER SPEED (RPM)	0-400	0-200-300-400	0-200-300-400
ROLLER DIAMETER/POWER	600 mm/130 Hp	700 mm/150 Hp	700 mm/150 Hp
AUGER SPEED (RPM)	2 proportional speeds 0-20 and 0-40	5-10-15-20-25-30-40 + 45 (CLEAN)	5-10-15-20-25-30-40 + 45 (CLEAN)
TRANSMISSION	Manual hydrostatic	Automatic hydrostatic	Automatic hydrostatic with two hydrostatic engines
DRIVE MODE	Work: 0-8 km/h Travel: 0-30 km/h	Soft: 0-8 km/h Work: 0-15 km/h Automotive: 0-30 km/h	Soft: 0-8 km/h Work: 0-20 km/h Automotive: 0-40 km/h
5" COLOUR DISPLAY FOR FUNCTIONS CONTROL	standard	standard	standard
ADJUSTABLE HYDROPNEUMATIC SUSPENSION	front axle	front axle	front and rear axle
3 TYPES OF STEERING AND 4WD	standard (mono Leader option)	Optional Leader mono (standard for Leader double)	standard
ELECTRONIC WEIGHING SYSTEM	standard	standard	standard
CLEANFIX	optional	optional	optional
VIDEO CAMERA KIT	optional	optional	optional
LED WORK LIGHTS	standard	standard	standard
AUTOMATIC CONTROLLED HYDRAULIC COUNTER-KNIVES	standard	standard	standard
AUTOMATIC GREASING SYSTEM	optional	optional	optional

SELF-PROPELLED DOUBLE VERTICAL AUGER

LEADER DOUBLE

STANDARD / ECOMIX / ECOMODE 18-33 cubic meters



Line for medium to large-sized companies ✓

4 drive wheels and steering supplied standard ✓
= maximum manoeuvring performance

Capacity up to 33 m³ ✓

STANDARD/ ECOMIX		1800	2000	2200	2600	2800	3000	3300
Capacity	m ³	18	20	22	26	28	30	33
Unladen weight	Kg	13960	15200	15500	16360	16580	16900	17130
Maximum loading capacity	Kg	6300	8000	7700	9100	9800	10500	11550
Power	kW/HP	125/170	151/210	151/210	181/246	181/246	181/246	181/246
(A) Length	mm	9980	9500	10030	10150	10680	10680	10680
(B) Height	mm	2550	2800	2900	3180	3430	3450	3500
(C) Width	mm	2440	2440	2440	2440	2440	2800	2800
(D) Roller width	mm	2000	2000	2000	2000	2000	2000	2000
(E) Maximum working height	mm	4800	4600	4900	5300	6100	6100	6100
(F) Discharge height	mm	750	800	750	750	750	750	750
(G) Outer wheels	mm	2340	2340	2340	2340	2340	2340	2340
UBA max*	min/max	95/135	115/170	115/170	135/200	150/215	160/230	175/255

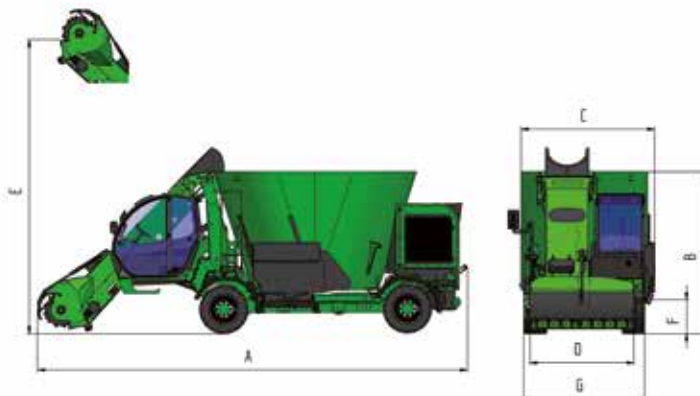
ECOMODE		1800	2000	2200	2600	2800	3000	3300
Capacity	m ³	18	20	22	26	28	30	33
Unladen weight:	Kg	15180	15200	15180	16040	16800	17210	17280
Maximum loading capacity	Kg	6300	8000	7700	9100	9800	10500	11550
Power	kW/CV	125/170	151/210	151/210	181/246	181/246	181/246	181/246
(A) Length	mm	9980	9500	9980	10130	10580	10580	10580
(B) Height	mm	2630	2800	2980	3260	3510	3530	3580
(C) Width	mm	2450	2440	2450	2450	2450	2800	2800
(D) Roller width	mm	2000	2000	2000	2000	2000	2000	2000
(E) Maximum working height	mm	4900	4600	5000	5400	6200	6200	6200
(F) Discharge height	mm	800	800	800	800	800	800	800
(G) Outer wheels	mm	2340	2340	2340	2340	2340	2340	2340
UBA max*	min/max	95/135	115/170	115/170	135/200	150/215	160/230	175/255

* Indicative calculation based on average ration of 310 kg per cubic metre.

SELF-PROPELLED SINGLE VERTICAL AUGER

LEADER MONO

STANDARD / ECOMIX / ECOMODE 11-20 cubic meters



From 11 to 20 m³ ✓

Line for medium to small-sized companies ✓

The ideal machine to make the switch from trailed to self-propelled ✓

STANDARD/ ECOMIX		1100	1400A	1400B	1700A	1700B	2000
Capacity	m ³	11	14	14	17	17	20
Unladen weight:	Kg	11120	11480	11640	11680	12000	12920
Maximum loading capacity	Kg	3850	5000	5000	5950	5950	7000
Power	kW/CV	125/170	125/170	125/170	125/170	125/170	151/210
(A) Length	mm	7970	8250	7850	8250	8320	8500
(B) Height	mm	2850	3200	2950	3250	2950	3240
(C) Width	mm	2400	2400	2550	2550	2900	2900
(D) Roller width	mm	2000	2000	2000	2000	2000	2000
(E) Maximum working height	mm	4900	5300	4900	5300	4900	5300
(F) Discharge height	mm	750	750	750	750	750	750
(G) Outer wheels	mm	2200	2340	2340	2340	2340	2340
UBA max*	min/max	55/85	75/110	75/110	90/130	90/130	105/155

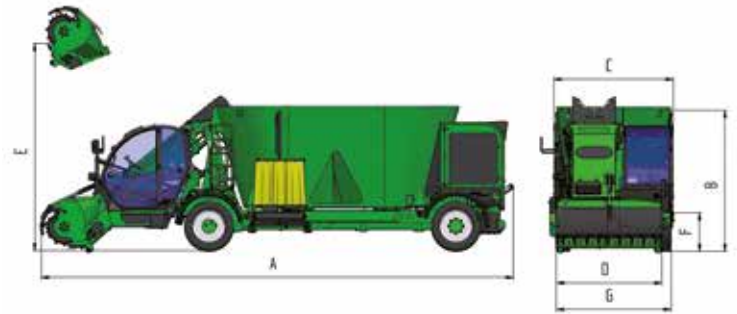
ECOMODE		1100	1400A	1400B	1700A	1700B	2000
Capacity	m ³	11	14	14	17	17	20
Unladen weight:	Kg	11820	12180	12440	12620	12730	123700
Maximum loading capacity	Kg	3850	5000	5000	5950	5950	7000
Power	kW/CV	125/170	125/170	125/170	125/170	125/170	151/210
(A) Length	mm	7970	8120	7850	7850	8320	8470
(B) Height	mm	2930	3280	3030	3330	3030	3320
(C) Width	mm	2400	2400	2550	2550	2900	2900
(D) Roller width	mm	2000	2000	2000	2000	2000	2000
(E) Maximum working height	mm	5000	5400	5000	5400	5000	5400
(F) Discharge height	mm	800	800	800	800	800	800
(G) Outer wheels	mm	2340	2340	2340	2340	2340	2340
UBA max*	from / to	55/85	75/110	75/110	90/130	90/130	105/155

* Indicative calculation based on average ration of 310 kg per cubic metre.

SELF-PROPELLED DOUBLE VERTICAL AUGER

LEADER DOUBLE COMPACT

STANDARD / ECOMIX / ECOMODE 12-16 cubic meters



Range with **small sizes** and **large volumes** for **barns with height limits** ✓

Performance identical to the larger models ✓

Width of only **2,300 mm** for all models ✓

STANDARD/ ECOMIX		1200	1400	1600
Capacity	m ³	12	14	16
Unladen weight:	Kg	12080	12660	13400
Maximum loading capacity	Kg	4400	5200	5900
Power	kW/CV	125/170	125/170	125/170
(A) Length	mm	9050	9050	8950
(B) Height	mm	2500	2800	3040
(C) Width	mm	2300	2300	2300
(D) Roller width	mm	2000	2000	2000
(E) Maximum working height	mm	5100	5100	5300
(F) Discharge height	mm	800	800	800
(G) Outer wheels	mm	2200	2200	2340
UBA max*	min/max	60/90	70/105	83/120

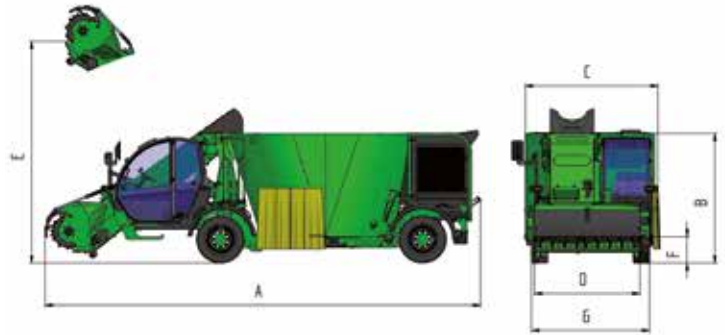
ECOMODE		1200	1400	1600
Capacity	m ³	11	14	16
Unladen weight:	Kg	12080	12660	13400
Maximum loading capacity	Kg	4400	5200	5900
Power	kW/CV	125/170	125/170	125/170
(A) Length	mm	8050	8400	8950
(B) Height	mm	2500	2800	2980
(C) Width	mm	2330	2330	2330
(D) Roller width	mm	2000	2000	2000
(E) Maximum working height	mm	4800	4900	5300
(F) Discharge height	mm	530	530	530
(G) Outer wheels	mm	2200	2200	2340
UBA max*	min/max	60/90	70/105	83/120

* Indicative calculation based on average ration of 310 kg per cubic metre.

SELF-PROPELLED SINGLE VERTICAL AUGER

LEADER MONO COMPACT

STANDARD / ECOMIX 12-16 cubic meters



Range with **small sizes** and **large volumes** for **barns with height limits** ✓

Performance identical to the larger series ✓

Maximum height: 2980 mm ✓

STANDARD/ ECOMIX		1200	1400	1600
Capacity	m ³	12	14	16
Unladen weight:	Kg	11120	11480	11640
Maximum loading capacity	Kg	3850	5000	5000
Power	kW/CV	125/170	151/210	151/210
(A) Length	mm	8050	8250	8400
(B) Height	mm	2550	2800	2980
(C) Width	mm	2550	2550	2550
(D) Roller width	mm	2000	2000	2000
(E) Maximum working height	mm	4800	4900	5300
(F) Discharge height	mm	530	530	530
(G) Outer wheels	mm	2200	2200	2340
UBA max*	min/max	60/90	75/110	85/125

* Indicative calculation based on average ration of 310 kg per cubic metre.



SELF-PROPELLED

STANDARD FEATURES

	LEADER STANDARD		LEADER ECOMIX		LEADER ECOMODE	
	MONO	DOUBLE	MONO	DOUBLE	MONO	DOUBLE
N AUGERS thickness 15 mm	1	2	1	2	1	2
AUGER SPEED (RPM)	5 speeds 0-40 rpm		7 displayed speeds 0-40 rpm		7 displayed speeds 0-40 rpm	
NUMBER OF KNIVES	1100 10 knives	1800 22 knives	1100 10 knives	1800 22 knives	1100 10 knives	1800 22 knives
	1400A 10 knives	2000 22 knives	1400A 10 knives	2000 22 knives	1400A 10 knives	2000 22 knives
	1400B 12 knives	2200 22 knives	1400B 12 knives	2200 22 knives	1400B 12 knives	2200 22 knives
	1700A 12 knives	2600 28 knives	1700A 12 knives	2600 28 knives	1700A 12 knives	2600 28 knives
	1700B 14 knives	2800 28 knives	1700B 14 knives	2800 28 knives	1700B 14 knives	2800 28 knives
	2000 14 knives	3000 28 knives	2000 14 knives	3000 28 knives	2000 14 knives	3000 28 knives
CLEANING SPEED 45 rpm	-	-	STD	STD	STD	STD
2 COUNTER-KNIVES	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC
HYDRAULIC COUNTERKNIVES AUTOMATIC CONTROL (TOP CUT)	STD	STD	STD	STD	STD	STD
MIXING TIMER (TIME MIX)	STD	STD	STD	STD	STD	STD
BOTTOM THICKNESSES	20 mm	25 mm	20 mm	25 mm	20 mm	25 mm
WALLS THICKNESS	8 mm	8 mm	8 mm	8 mm	8 mm	8 mm
FRONT LOADING ARM	STD	STD	STD	STD	STD	STD
LOAD CHANNEL WIDTH	800mm	800mm	800mm	800mm	800mm	800mm
CUTTER ROLLER DIAMETER/POWER	600 mm/130CV	600 mm/130CV	700 mm/150CV	700 mm/150CV	700 mm/150CV	700 mm/150CV
CUTTER BAFFLE	hydraulic on 14A-17A-20-26-28-30-33 - mechanical on 11-14B-17B-18-20D-22					
ADJUSTABLE CUTTER SPEED	0-360 rpm	0-3600	100-200-300-360	100-200-300-360	100-200-300-360	100-200-300-360
ENGINE 4F kW	125kW/151 (2000)	151kW/181kW	125kW/151 (2000)	151kW/181kW	125kW/151 (2000)	151kW/181kW
ENGINE	4 cylinders (6 cylinders 2000)	6 cylinders	4 cylinders (6 cylinders 2000)	6 cylinders	4 cylinders (6 cylinders 2000)	6 cylinders
AIR FILTER WITH CYCLONIC PRE-FILTER	STD	STD	STD	STD	STD	STD
ELECTRO-HYDRAULIC DISTRIBUTOR	70 l/min 2300 rpm	70 l/min 2300 rpm	70 l/min 2300 rpm	70 l/min 2300 rpm	70 l/min 2300 rpm	70 l/min 2300 rpm
	STD	STD	STD	STD	STD	STD
FRONT DRIVE AXLE AND STEERING WITH HYDRAULIC PARKING, EMERGENCY AND SERVICE BRAKES	STD	STD	STD	STD	STD	STD
ADJUSTABLE HYDRO-PNEUMATIC FRONT SUSPENSIONS	STD	STD	STD	STD	STD	STD
ADJUSTABLE HYDRO-PNEUMATIC REAR SUSPENSIONS	-	-	-	-	STD	STD
WHEELS	315/60 R22.5 (11)	435/50 R19.5	315/60 R22.5 (11)	435/50 R19.5	385/65 R22.5	385/65 R22.5
	435/50 R19.5 (14-17-20)	385/65-22.5 (3000-3300)	435/50 R19.5 (14-17-20)	385/65-22.5(3000-3300)		
CABIN	QUEEN CAB	QUEEN CAB	QUEEN CAB	QUEEN CAB	QUEEN CAB	QUEEN CAB
INTERACTIVE COLOUR DISPLAY	STD	STD	STD	STD	STD	STD
LED LIGHTS	6 LIGHTS	6 LIGHTS	6 LIGHTS	6 LIGHTS	6 LIGHTS	6 LIGHTS
HEATING AND VENTILATION	STD	STD	STD	STD	STD	STD
ADJUSTABLE STEERING WHEEL	STD	STD	STD	STD	STD	STD
ADJUSTABLE SEAT WITH MECHANICAL SUSPENSION	STD	STD	STD	STD	STD	STD
WEIGHING SYSTEM WITH DISPLAY AND 4 LOAD CELLS	STD	STD	STD	STD	STD	STD
INSPECTION LADDER	STD	STD	STD	STD	STD	STD
STANDARD UNLOADING POSITION	8	8	8	8	8	8
	-	-	-	7B (3000-3300)	-	7B (3000-3300)
DIRECT UNLOADING WITH ADJUSTABLE CHUTE	STD	STD	STD	STD	STD	STD
CONTAINMENT RING	STD	STD	STD	STD	STD	STD
2WD (2 front wheel drive and steering)	STD	-	STD	-	-	-
4WD (4 wheel drive and steering)	OPT	STD	OPT	STD	STD	STD
ELECTRONIC CONTROL SYSTEM	STD	STD	STD	STD	STD	STD
TRAVEL MODE	2 speeds 0-15,0-30 km/h		1 automotive speed 0-30 km/h		1 automotive speed 0-40 km/h	

COMPACT SELF-PROPELLED

STANDARD SET-UPS

	LEADER STANDARD		LEADER ECOMIX		LEADER ECOMODE
	MONO	DOUBLE	MONO	DOUBLE	DOUBLE
N AUGERS thickness 15 mm	1	2	1	2	2
AUGER SPEED (RPM)	5 speeds 0-40 rpm		7 displayed speeds 0-40 rpm		7 displayed speeds 0-40 rpm
NUMBER OF KNIVES	1200 10 knives	1200 16 knives	1200 10 knives	1200 16 knives	1200 16 knives
	1400 10 knives	1400 16 knives	1400 10 knives	1400 16 knives	1400 16 knives
	1600 14 knives	1600 20 knives	1600 14 knives	1600 20 knives	1600 20 knives
2 COUNTER-KNIVES	MANUAL	HYDRAULICS	MANUAL	HYDRAULICS	HYDRAULICS
HYDRAULIC COUNTERKNIVES AUTOMATIC CONTROL (TOP CUT)	STD	STD	STD	STD	STD
MIXING TIMER (TIME MIX)	STD	STD	STD	STD	STD
BOTTOM THICKNESSES	20 mm	20 mm	20 mm	20 mm	20 mm
WALLS THICKNESS	8 mm	8 mm	8 mm	8 mm	8 mm
FRONT LOADING ARM	STD	STD	STD	STD	STD
LOAD CHANNEL WIDTH	800 mm	800 mm	800 mm	800 mm	800 mm
CUTTER ROLLER DIAMETER/POWER	600mm/130CV	600mm/130CV	600mm/130CV	600mm/130CV	600mm/130CV
CUTTER BAFFLE	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC
ADJUSTABLE CUTTER SPEED	0-360 rpm	0-360 rpm	100-200-300-360	100-200-300-360	100-200-300-360
ENGINE 4F kW	125kW	125kW	125kW	125kW	125kW
ENGINE	4 cylinders	4 cylinders	4 cylinders	4 cylinders	4 cylinders
AIR FILTER WITH CYCLONIC PRE-FILTER	STD	STD	STD	STD	STD
ELECTRIC DISTRIBUTORS WITH PROPORTIONAL ADJUSTMENT OF THE LOADING AND UNLOADING BELT SPEED	70l/min 2300rpm	70l/min 2300rpm	70l/min 2300rpm	70l/min 2300rpm	70l/min 2300rpm
AUTOMATIC DIFFERENTIAL LOCKING FRONT AXLE WITH LIMITED SLEEP	STD	STD	STD	STD	STD
DRIVE AND STEERING FRONT AXLE WITH HYDRAULIC PARKING, EMERGENCY AND SERVICE BRAKES	STD	STD	STD	STD	STD
ADJUSTABLE HYDRO-PNEUMATIC FRONT SUSPENSIONS	STD	STD	STD	STD	STD
ADJUSTABLE HYDROPNEUMATIC REAR SUSPENSIONS	-	-	-	-	STD
WHEELS	315/60 R22.5 (12-14)	315/60 R22.5 (12-14)	315/60 R22.5 (12-14)	315/60 R22.5 (12-14)	315/60 R22.5 (12-14)
	385/55 R19.5 (16)	385/55 R19.5 (16)	385/55 R19.5 (16)	385/55 R19.5 (16)	385/55 R19.5 (16)
CABIN	QUEEN CAB	QUEEN CAB	QUEEN CAB	QUEEN CAB	QUEEN CAB
INTERACTIVE COLOUR DISPLAY	STD	STD	STD	STD	STD
LED LIGHTS	6 LIGHTS	6 LIGHTS	6 LIGHTS	6 LIGHTS	6 LIGHTS
HEATING AND VENTILATION	STD	STD	STD	STD	STD
ADJUSTABLE STEERING WHEEL	STD	STD	STD	STD	STD
ADJUSTABLE SEAT WITH MECHANICAL SUSPENSION	STD	STD	STD	STD	STD
WEIGHING SYSTEM WITH DISPLAY AND 4 LOAD CELLS *	STD	STD	STD	STD	STD
INSPECTION LADDER	STD	STD	STD	STD	STD
STANDARD UNLOADING POSITION	8/4	7B	8/4	7B	7B
DIRECT UNLOADING WITH ADJUSTABLE CHUTE	STD	STD	STD	STD	STD
CONTAINMENT RING	STD	STD	STD	STD	STD
2WD (2 wheel drive and 4 steering)	STD	-	STD	-	-
4WD (4 wheel drive and steering)	OPT	STD	OPT	STD	STD
TRANSMIDMION					4x4 with ABS and ASR

TRAILED





PLUS
pg. **32**

MAGNUM PF
pg. **33**

INNOVATIONS
FOR THE FUTURE
pg. **34**

OPTIONAL
pg. **36**

TRAILED



RANGE

FROM 3.5 CUBIC METERS UP TO 46 CUBIC METERS WITH DIFFERENT POSSIBILITIES OF CUSTOMISATION ALLOWING IT TO BE USED IN ALL TYPES OF DAIRY FARMS

COUNTER-BLADES

FOR PERFECT AND FAST FIBRE CUTTING

QUALITY STEEL

TO GUARANTEE LONG-LASTING PERFORMANCE

TWINNER

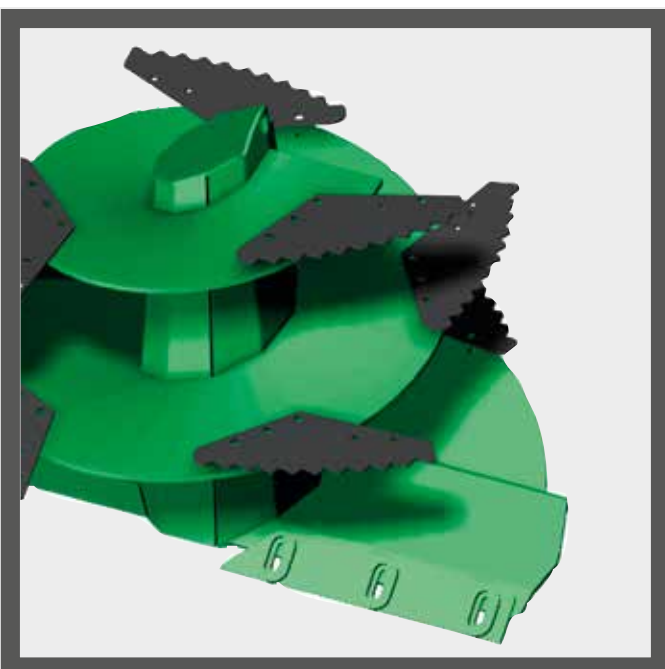
SPECIAL TAPERED SHAPE, PERFECT FOR LONG-STEMMED AND TOUGH FIBRES

AUGER DESIGN

ASSURING SOFT AND HOMOGENEOUS MIXING RESULTS

IMPROVED MIXTURES

THANKS TO THE EXCLUSIVE AUGER AND TUB DESIGN



BUTTERFLY AUGER

The Butterfly auger, supplied standard in Twinner models, is able to guarantee unprecedented mixing quality thanks to the special structure of the first section of the spiral, designed to push the product upwards.

In addition, two adjustable blades at the base of the auger to ensure constant flow of product discharge and cleanliness of the mixing tank even with more compact products. Fuel savings are once again confirmed.

MAGNUM PF

THE INNOVATIVE SHAPE OF THE MIXING TANK OF THE MAGNUM PF REPRESENTS ANOTHER IMPORTANT STEP IN ACHIEVING BEST RATION HOMOGENEITY.

A TANK DESIGNED FOR:

- ✓ optimised flow of the mixture;
- ✓ **enhance precise cut** of the fibre and **reducing** power absorption;
- ✓ **respect** and **delicate** treatment of the **raw materials**;
- ✓ **greater robustness** with **S690 steel** and with a thickness of **8 mm**, to increase the duration of the part most subject to wear;
- ✓ eliminating volumes that cause product stagnation
- ✓ **new unloading belts** and larger doors to increase discharge even with mixtures with a high percentage of fibrous product;
- ✓ **new auger speeds** , customisable according to customer requirements;
- ✓ **new electrical system** for control of services with adjustment of the **discharge speed**;
- ✓ **new frame** to make the machine **more compact** and **lighter**.

+ ADVANTAGES + PERFORMANCE

ADVANTAGES OF THE MAGNUM PF

- ✓ **LESS TOWING POWER** REQUIRED
- ✓ **REDUCTION IN** PROCESSING TIMES
- ✓ **LOWER FUEL CONSUMPTION**
- ✓ A DECREASE IN OVERALL WEIGHT COMBINED WITH INCREASED CAPACITY

POWER BLADE SUPPLIED STANDARD ON AUGER

- ✓ LONGER-LASTING
- ✓ POSSIBILITY FOR ADJUSTMENT TO ENSURE CONSTANT HOMOGENEITY
- ✓ LOWER MAINTENANCE COSTS



INNOVATION FOR THE FUTURE

CVMIX **(continuously variable mixing)**

The Faresin Industries CVMIX innovative transmission represents never-before-seen innovation in the market for trailed mixer wagons. This transmission applies the principles of a continuously variable transmission (now used by all major tractor manufacturers worldwide), applied to mixing. In this way excellent results have been achieved in the economy of medium-large dairy farms.

PLUS

€ **REDUCED CONSUMPTION**

⚙️ **MORE PRACTICAL USE**

🕒 **SHORTER MIXING TIMES**



THE FIRST HYBRID TRAILED VEHICLE

Suitable for companies in the biogas and renewable energy sectors .



ELECTRICAL MULCHING AND MIXING, MECHANICAL DISTRIBUTION.

Constantly seeking solutions to maximise the result in terms of milk/meat production and fuel consumption reduction, Faresin Industries proposes the concept of hybrid for the first time on the market of trailed mixer wagons.

The idea is based on the knowledge gained over years of experience working together with breeders from all over the world. During the various mixture loading phases, the trailed mixer wagon stays connected to the tractor. This is a time consuming phase that crucially impacts on fuel consumption and therefore ultimately on business costs. Hence the idea of adding an electric motor to make the trailed mixer wagon autonomous at the mixing stage: the tractor's power will only be used when needed, contributing to lowering costs.



STRAW BLOWER : THE SOLUTION TO INCREASING ANIMAL COMFORT

With a view to providing comprehensive solutions to the breeder, Faresin Industries introduces into the range of trailed mixer wagons the straw blower option. Thanks to this solution, the trailed mixer wagon can perform the dual function of food distribution and preparation of the bedding.

All the straw blower functions can be easily controlled from the tractor cab. The operator thus has maximum control of the distribution in order to use the correct quantity and to minimise contact of the product with the animals.

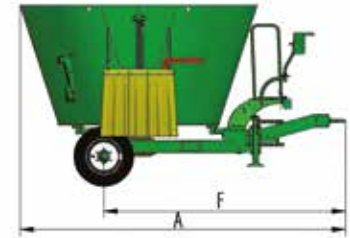
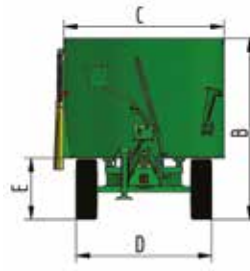
A "Twinner" can be applied on the trailed machine, with 2 speeds of rotation and directional launch.



TRAILED SINGLE VERTICAL AUGER

RAMBO

5-10.5 m³



- Simply designed ✓
- Ease of use ✓
- Quick coupling drawbar ✓
- Direct side unloading ✓
- 3 load cells ✓
- 1 auger ✓

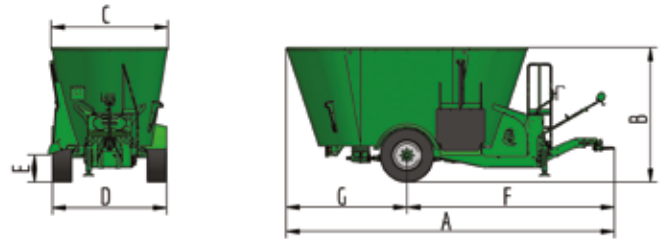
RAMBO		500	700	900	1050
Capacity	m ³	5	7	9	10.5
Unladen weight:	Kg	1720	2500	2600	2850
Maximum loading capacity	Kg	1600	2350	2850	3200
Pto	rpm/min	540	540	540	540
Required power	kW/CV	37/50	37/50	37/50	51/70
(A) Length	mm	3750	4250	4350	4430
(B) Height	mm	2050	2370	2620	2680
(C) Width	mm	2230	2200	2200	2350
(D) Outer wheels	mm	1500	1770	1770	1770
(E) Discharge height	mm	430	790	790	790
UBA max*	min/max	15/25	35/50	45/65	55/80

* Indicative calculation based on average ration of 310 kg per cubic metre.

TRAILED DOUBLE VERTICAL AUGER

TWINNER

13-18 m³



Rations with a high hay content, bales or tough products ✓

“Butterfly” auger to guarantee excellent results on long-fibre products ✓

Direct side unloading ✓

3 load cells ✓

2 augers ✓

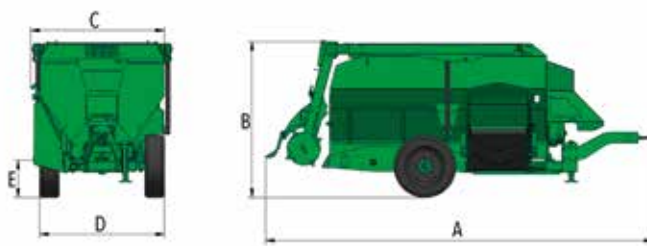
TWINNER		1300	1600	1800
Capacity	m ³	13	16	18
Unladen weight:	Kg	5150	5300	5400
Maximum loading capacity	Kg	5200	6400	7000
Pto	rpm/min	540	540	540
Required power	kW/CV	60/80	65/85	70/90
(A) Length	mm	6550	6650	6700
(B) Height	mm	2640	2880	3040
(C) Width	mm	2340	2420	2460
(D) Outer wheels	mm	2170	2170	2170
(E) Discharge height	mm	660	660	660
UBA max*	min/max	65/95	80/120	90/140

* Indicative calculation based on average ration of 310 kg per cubic metre.

TRAILED THREE HORIZONTAL AUGERS

MASTER

7-19 m³



- Excellent mixing of components ✓
thanks to three horizontal augers:
two upper and one lower mulcher
- Suitable for companies with limited ✓
space and rations requiring
heavy-duty processing
- Easy silage loading thanks to the ✓
possibility to equip the master with a rear
self-loading system

MASTER		700	850	1050	1200	1400	1700	1900
Capacity	m ³	7	8.5	10.5	12	14	17	19
Unladen weight with loading arm	Kg	5400	5780	6580	6620	7100	7300	7800
Maximum loading capacity	Kg	2300	2800	3500	4000	4600	5400	6000
Power	kW/CV	42/60	42/60	51/70	59/80	66/90	74/100	81/110
(A) Length	mm	6100	6150	6900	6850	7550	7550	7550
(B) Height	mm	2400	2500	2520	2750	2750	2900	3030
(C) Width	mm	2200	2280	2300	2300	2300	2460	2460
(D) Outer wheels	mm	2020	2020	2020	2020	2285	2300	2300
(E) Discharge height	mm	500	500	550	550	650	650	650
(F) Drawbar axle length	mm	3680	3680	3910	3910	4570	4570	4570
UBA max*	min/max	40/55	45/65	55/80	65/95	75/110	90/135	105/150

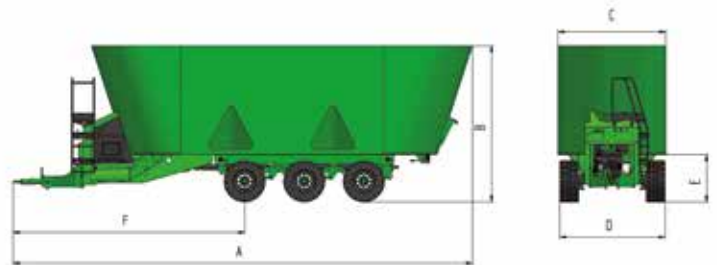
* Indicative calculation based on average ration of 310 kg per cubic metre.



TRAILED THREE VERTICAL AUGERS

MAGNUM TRE

30-46 m³



- Suitable for large-sized farms ✓
that favour trailed versions ✓
- Self-steering axles to facilitate manoeuvres ✓
- Supplied standard with suspensions to guarantee
maximum comfort when driving on roads ✓
- 5 load cells ✓
- Two standard direct side unloading positions ✓
- Two-speed mechanical transmission ✓

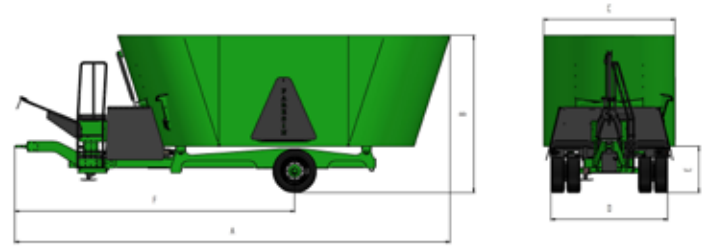
MAGNUM TRE		3000	3600A	3600B	4000	4600
Capacity	m ³	30	36	36	40	46
Unladen weight:	Kg	13400	14000	14000	15200	15800
Maximum loading capacity	Kg	12000	14400	14400	16000	18400
pto	rpm/min	540	540	540	540	540
Required power	kW/CV	100/136	110/150	130/180	140/190	155/210
(A) Length	mm	10100	10200	10300	10400	10500
(B) Height	mm	3110	3320	3100	3300	3600
(C) Width	mm	2350	2350	2500	2500	2550
(D) Outer wheels	mm	2480	2480	2480	2480	2480
(E) Discharge height	mm	1000	1000	1000	1000	1000
(F) Drawbar axle length	mm	13400	14000	14000	15200	15800
UBA max*	min/max	155/230	190/280	190/280	210/320	245/365

* Indicative calculation based on average ration of 310 kg per cubic metre.

TRAILED DOUBLE VERTICAL AUGER

MAGNUM DOUBLE

12-30 m³



- Suitable for use in farms of all sizes ✓
- Suitable for components based on soiled products ✓
- 4 load cells ✓
- Two-speed mechanical transmission ✓
- On-board distributor ✓
- 2 Augers ✓

MAGNUM DOUBLE		1200	1400	1600	1800	2000	2200	2400	2600	3000
Capacity	m ³	12	14	16	18	20	22	24	26	30
Unladen weight:	Kg	5380	5820	6500	6750	7140	7280	7320	7540	10600
Maximum loading capacity	Kg	4800	5600	6400	7000	7800	8500	9200	10000	11500
Dual axle capacity (optional)	Kg	-	-	6500	7000	7800	8500	9200	10000	11500
PTO	rpm/min	540	540	540	540	540	540	540	540	540
Required power	kW/CV	58/80	65/90	75/100	75/100	90/120	90/120	90/120	96/130	96/130
(A) Length	mm	6850	6900	7200	7220	7300	7350	7400	7450	7780
(B) Height**	mm	2220	2440	2450	2580	2780	2900	3100	3200	3400
(C) Width	mm	2160	2160	2350	2300	2300	2300	2300	2300	2500
(D) Outer wheels	mm	2030	2030	2030	2030	2030	2030	2030	2030	2030
(E) Discharge height	mm	750	750	750	750	750	750	750	750	750
(F) Drawbar axle length	mm	4550	4550	4550	4550	4550	4100	4100	4100	4100
UBA max*	min/max	60/95	70/110	80/125	95/140	105/155	115/170	120/190	135/205	160/230

** With wheels 435/50 R 19.5, without suspension systems, the height increases by 160 mm

** With bogie and twin wheels, the height increases by 170 mm

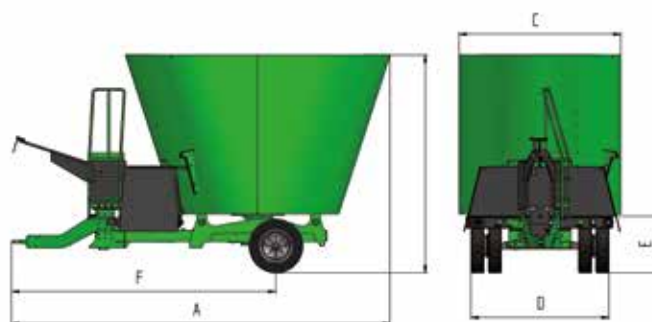
** With bogie and wheels 435/50 R 19.5, the height increases by 260 mm

* Indicative calculation based on average ration of 310 kg per cubic metre.

TRAILED SINGLE VERTICAL AUGER

MAGNUM MONO

9-17 m³



Suitable for silage-rich rations ✓

Sturdy frame ✓

4 load cells ✓

Double-sided front conveyor ✓

Two-speed mechanical transmission ✓

On-board distributor ✓

1 Auger ✓




MAGNUM MONO		900	1100	1300A	1300B	1500	1700
Capacity	m ³	9	11	13	13	15	17
Unladen weight:	Kg	3640	3780	4280	5020	4920	5180
Maximum loading capacity	Kg	3600	4400	5200	5200	6000	6600
Pto	rpm/min	540	540	540	540	540	540
Required power	kW/CV	58/80	65/90	75/100	58/110	90/120	90/120
(A) Length	mm	5090	5200	5300	5720	5450	5500
(B) Height	mm	2550	2850	3030	2850	3080	3200
(C) Width	mm	2300	2300	2300	2500	2500	2500
(D) Outer wheels	mm	2030	2030	2030	2030	2030	2030
(E) Discharge height	mm	900	900	750	750	750	750
(F) Drawbar axle length	mm	3735	3735	3735	3735	3735	3735
UBA max*	min/max	45/65	55/85	70/100	70/100	80/116	90/130

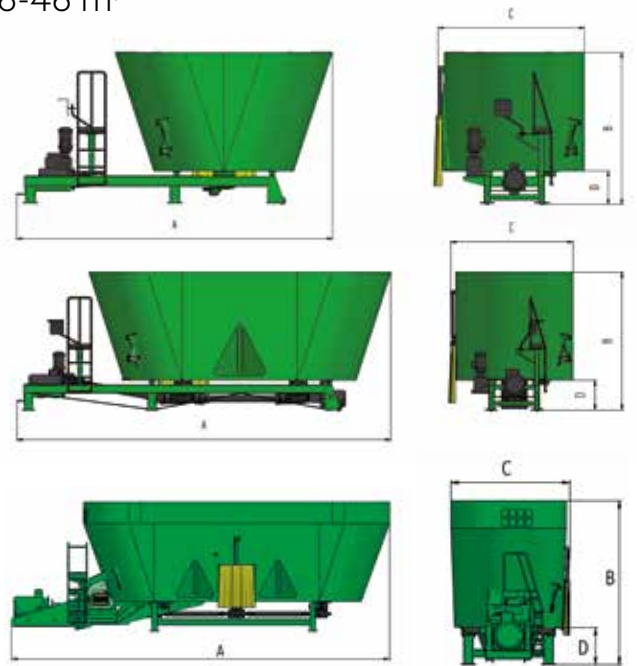
** With wheels 435/50 R 19.5, the height increases by 160 mm

* Indicative calculation based on average ration of 310 kg per cubic metre.

STATIONARY SINGLE / DOUBLE / TRIPLE AUGER

STATIONARY

 9-11 m³
 18-30 m³
 36-46 m³



STATIONARY		900	1100
Capacity	m ³	9	11
Maximum loading capacity	Kg	3600	4400
Required power	kW	18/22/30	18/22/30
Auger revolutions	rpm/min	9/15/30	9/15/30
(A) Length	mm	4950	5080
(B) Height	mm	2380	2470
(C) Width	mm	2380	2380
(D) Discharge height	mm	540	540
Weight	Kg	3650	4360
UBA max*	min/max	45/70	55/85

STATIONARY DOUBLE		1800	2200	2600	3000
Capacity	m ³	18	22	26	30
Maximum loading capacity	Kg	7200	8800	10000	11500
Required power	kW	22/30/37	22/30/37	33/37/45	45/75
Auger revolutions (one of choice)	rpm/min	9/15/30	9/15/30	9/15/30	12/24
(A) Length	mm	7200	7250	7320	7680
(B) Height	mm	2300	2760	2980	3650
(C) Width	mm	2380	2380	2380	2380
(D) Discharge height	mm	540	540	540	540
Weight	Kg	7100	7500	7850	8840
UBA max*	min/max	95/135	115/175	135/200	160/230

STATIONARY TRE		3600	4000	4600
Capacity	m ³	36	40	46
Maximum loading capacity	Kg	13000	15000	18000
Required power	kW	45/75	74/104	75/110
Auger revolutions	rpm/min	9/19	9/18	9/18
(A) Length	mm	10030	10520	10300
(B) Height	mm	3110	3100	3500
(C) Width	mm	2380	2550	2500
(D) Discharge height	mm	800	800	800
Weight	Kg	15960	16560	17010
UBA max*	min/max	190/275	265/290	245/365

* Indicative calculation based on average ration of 310 kg per cubic metre.

OPTIONAL



LOADING ARM - MASTER SERIES

The rear hydraulic self-loading system has a width of 1700 mm and an outer diameter of 600 mm.

The spiral geometry of the loading arm with numerous blades allows quick loading of the silage into the mixing tank.

This is possible thanks to the two rotating directions of the loading arm that allow optimum loading of the product to be loaded without throwing any material out of the mixing tank.

TWO-SPEED MECHANICAL TRANSMISSION

To ensure perfect mixing with any type of product and to reduce the power required from the tractor, there is a two-speed gearbox.

The mechanical transmission can be fitted with a cable or hydraulic control, which can be easily managed from the cab.

Supplied standard on Magnum and upon request on Twinner.

REMOTE CONTROL

New electric control system, with regulation of unloading speed.



ON-BOARD DISTRIBUTOR

The wagon is fitted with multiple cable-controlled distributors, allowing total control of the various hydraulic functions directly from the tractor, using a single double-acting hydraulic distributor.





WEIGHING SYSTEM

With the Faresin integrated system, consisting of the mixer wagon and the telescopic handler, it is easier to give the animals exactly the ration that has been recommended.

In just a few simple steps it is possible to simplify feeding

management, increasing efficiency of food ingredient use, improving the health of animals and dairy production, reducing working times and ensuring the health and safety of operators.



**INTUITIVE RATION
MANAGEMENT FOR
DIFFERENT GROUPS**



**PRECISE CONTROL OF
THE QUANTITIES LOADED
AND DISCHARGED**



**MANAGEMENT OF
CONSUMPTION OF
INGREDIENTS, OF
MIXTURES AND OF DAIRY
PRODUCTION THROUGH
FARM MANAGER
NETWORK SOFTWARE**



**PODMIBILITY TO ADJUST
RATIONS BASED ON
VARIATIONS IN FORAGE
MOISTURE LEVELS**

TRAILED

STANDARD SET-UPS

	RAMBO	MAGNUM MONO	TWINNER	MAGNUM DOUBLE	MAGNUM TRE
N AUGERS thickness 15 mm	1	1	2 BUTTERFLY	2	3
NUMBER OF KNIVES	350 5 knives	900 foreign 7 knives	1300 16 knives	1200 foreign 14 knives	30 24 knives
	500 5 knives	900 Italy 9 knives	1400 16 knives	1400 foreign 14 knives	36B 27 knives
	700 7 knives	1100 foreign 7 knives	1500 16 knives	1600 foreign 14 knives	36A 30 knives
	900 7 knives	1100 Italy 9 knives	1600 20 knives	1600 Italy 18 knives	40 30 knives
	1100 10 knives	1300A foreign 7 knives	1700 20 knives	1800 foreign 14 knives	46 30 knives
		1300A Italy 9 knives	1800 20 knives	1800 Italy 18 knives	
		1500 11 knives		2000 foreign 14 knives	
		1700 11 knives		2000 Italy 18 knives	
				2000 long fibre 20 knives	
				2200 foreign 14 knives	
				2200 Italy 18 knives	
				2200 long fibre 20 knives	
				2600 foreign 14 knives	
			2600 Italy 18 knives		
			2600 long fibre 20 knives		
			3000 Italy 22 knives		
N MANUAL COUNTERKNIVES	2	2	2	2	2
BOTTOM THICKNESSES	15mm	Magnum 9-11 15mm	15mm	Magnum 12-14 15mm	25mm
		Magnum 13-15-17 20mm		Magnum 16-18-20-22-26 20mm	
				Magnum 30 25mm	
WALLS THICKNESS	6mm	8 mm	6mm	8 mm	8mm
2 MIXING SPEED GEAR	—	STD	OPT	STD	STD
N AUGER SPEED (540 rpm)	1	1	1	1 (12-14-16-18)	2 (30-36)
				2 (20-22-26-30)	3 (40-16)
SINGLE WHEELS	STD 10.0/75-15.3 18 PR	STD 13.0/65-18 (9-11)	STD 275/70 R22.5 (13-14-15)	OPT	STD 435/50 R19.5
		OPT(13-15-17)	STD 385/65 R22.5 (16-17-18)		
TWIN WHEELS	OPT	STD 215/70 R17.5 (13-15-17)	—	STD 215/70 R17.5	OPT
		OPT(9-11)			
N LOAD CELLS	3	4	4	4	6
WEIGHING SYSTEM WITHOUT DISPLAY	STD	OPT	OPT	OPT	STD
TYPE SERVICE CONTROLS	pipes directed to tractor	via cable	pipes directed to tractor	via cable	pipes directed to tractor
SUPPORT FOOT	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL	HYDRAULIC
INSPECTION LADDER	STD	STD	STD	STD	STD
STANDARD UNLOADING POSITION	3	1	3A	1	2-6
UNLOADING BELT	OPT	STD	OPT	STD	OPT
HEIGHT ADJUSTABLE DRAWBAR	STD	STD	STD	STD	STD
CONTAINING RING	OPT	STD	OPT	STD	STD



WEIGHING SYSTEM - I FEED GOOD

MONITOR YOUR BUSINESS WITH PRECISION

	i-FeedGood L 1515
Simple to use	Yes
Simple to program	Yes
Quick access to functions	Yes
Mixers comparative goo precision public tests results	Yes
Programmable up to:	15 Recipes
Mix programmable up to:	15 Elements
Weighing of programmed recipes	Yes
Simple scale weighing	Yes
Weighing with target programming	Yes
Programmable Operators Identification	No
Programmable Customer Identification	No
7.3" Display with language messages	Yes
Precision Loading Option	No
Precision Unloading Option	No
Counterknives Control Option	No
Communication option with professional mobile repeater terminals	No
Multiple Recipe Option	Yes
Mixing Timer Option	Yes
Waste Control Option	No
Daily Recipe Option	No
Balanced Recipe Option	No
Reload Option	No
Appetite % option for each animal group	Yes
Feeding Factor % option for each mix	Yes
Modified DM% option for each ingredient	Yes
Consumption Archive Option	No
Unload Archive Option	No
Operators password management option	No
Check lubrication option	No
Tolerance Control Option	No
Operation Data Recording for next transfer option	No
Data automatic transfer option	No
Warehouse Control Option	No
Report on-board print option	No

i•FeedGood M 3030	i•FeedGood L
Yes	Yes
Yes	Yes
Yes	Yes
Yes	The best results
30 Recipes	200 Recipes
30 Elements	100 Elements
Yes	Yes
Yes	Yes
Yes	Yes
No	Yes
No	Yes
Yes	Yes
No	Yes
No	Yes
Option, semi-automatic	Yes, automatic
Yes, from 1 to 5	Yes, from 1 to 5
Yes	Yes
Yes	Yes
Yes	Yes
No	Yes
No	Yes
No	Yes
Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
No	Yes
No	Yes
No	Yes
No	Yes
No	Yes
No	Yes
No	Yes
No	Yes
No	Yes
No	Yes
No	Yes

PolispecNIR





NIR IN BREEDING



In both meat and milk production it is important to feed the animals with homogeneous rations (Unifeed), a peculiarity that is guaranteed by a good mixer wagon.

But in order to guarantee rations with optimum nutritional contents defined by the nutritionist, it is essential to use the NIR mounted on the mixer wagon.

The system analyses ingredients in real time during loading, allowing the operator to intervene and ensure the right nutritional values when preparing rations.

STURDY AND VERSATILE

PoliSPEC^{NIR} detects discrepancies in **real time** with respect to the recipe established by the nutritionist, informing the operator and making the necessary corrective suggestions. It introduces the measurement of the homogeneity curve of the ration, guaranteeing it regardless of the environmental conditions.

Sturdy, reliable tool and thanks to its design, portable and connectable to any digital device or interface. The compact size and immediate data analysis make PoliSPEC^{NIR} **easy to use** in the measurement of different products, that can be perfectly integrated in online industrial processes.

Designed for mixer wagon, it now has various sectors of use: food, chemical, medical and industrial applications.

PRE-CALIBRATED AND READY TO USE

CORN SILAGE	DM	ASH	CP	EE	NDF	ADF	Starch	pH	
GRASS SILAGE	DM	ASH	CP	EE	NDF	ADF	Starch	pH	
SORGUM SILAGE	DM	ASH	CP	EE	NDF	ADF	Starch		ADL
HIGH MOISTURE CORN	DM	ASH	CP	EE	NDF	ADF	Starch	pH	
DAIRY COW TMR	DM	ASH	CP	EE	NDF	ADF	Starch		
BEEF TMR	DM	ASH	CP	EE	NDF	ADF	Starch		
DRY COW TMR	DM	ASH	CP	EE	NDF	ADF	Starch		
CORN WHOLE CHOPPED PLANT	DM	ASH	CP	EE	NDF	ADF	Starch	Sugars	ADL
GRASS WHOLE CHOPPED PLANT	DM	ASH	CP	EE	NDF	ADF	Starch	Sugars	ADL
CORN MEAL	DM	ASH	CP	EE	NDF		Starch	FG	
COTTON MEAL	DM	ASH	CP	EE	NDF	ADF			
SOY BEAN	DM	ASH	CP	EE				FG	
SOIA GRANELLA	DM		CP	EE					
WHEAT	DM		CP				Starch	Gluten	
HAY (ALFALFA & GRASS)	DM	ASH	CP	EE	NDF	ADF	AIA	FG	ADL
DDGS	DM	ASH	CP	EE	NDF	ADF			
CORN FIBER	DM	ASH	CP	EE	NDF	ADF			
CORN GERM	DM	ASH	CP	EE	NDF	ADF			

DM = dry matter ASH = ash CP = crude protein EE = ether extract NDF = neutral detergent fibre ADF = acid detergent fibre FG = crude fibre

ADVANTAGES

- ✓ Portable and handy
- ✓ Sturdy and versatile
- ✓ Easy to use
- ✓ Immediately visible analysis
- ✓ Developed by a mixer wagons manufacturer
- ✓ Direct analysis on the product without quantity limit
- ✓ Analysis where and when you want

WHY CHOOSE FARESin PoliSPECNIR? SYNERGY BETWEEN TECHNOLOGY AND ANIMAL WELL-BEING

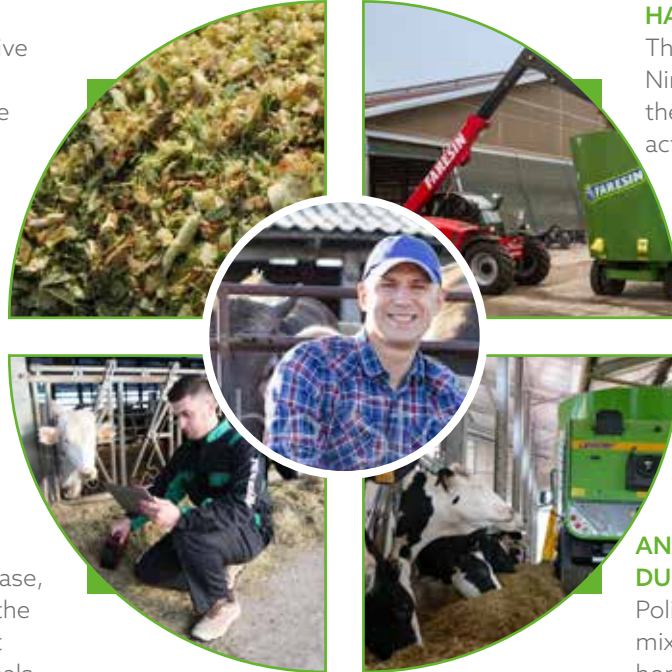
Who better than a manufacturer leader in mixer wagons could have developed a perfect solution for breeders

ANALYSIS OF THE RECIPE INGREDIENTS

With PoliSPECNIR™ a quantitative and qualitative control of the ingredients is carried out before mixing them.

THE FARESin PoliSPECNIR AND HANDLER

Thanks to the interface between the Nir installed on the trailed wagon and the display inside the cab, it allows an active handler participation.



TMR VALIDATION

Even during the distribution phase, PoliSPECNIR™ is able to check the quality of the machine's output and guarantee that all the animals receive the correct ration.

ANALYSIS OF THE INGREDIENTS DURING THE MIXING PHASE

PolispecNIR can be applied to the mixing tank to check the TMR homogeneity.

PoliSPECNIR IN THE MIXER WAGON

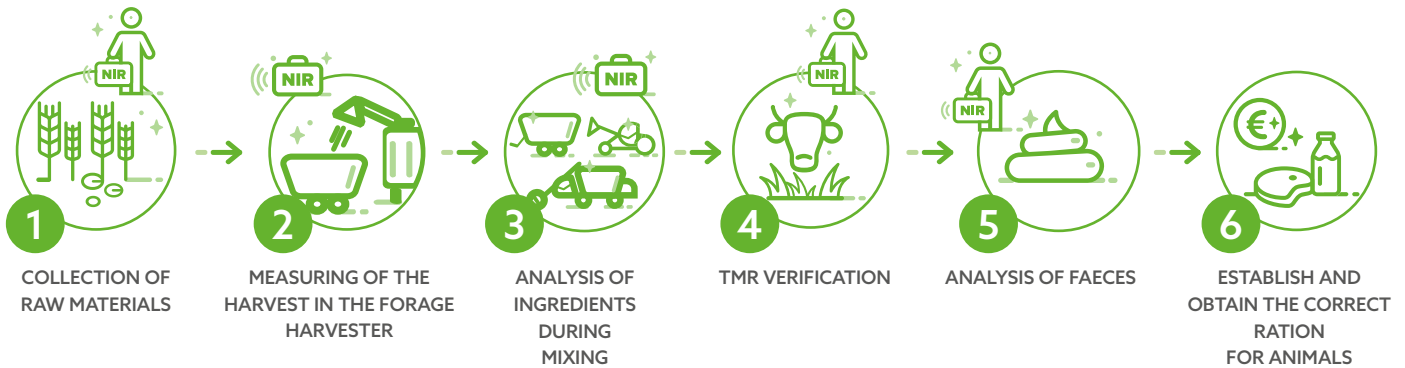


PoliSPECNIR applied to the Faresin mixer wagons, **guarantees homogeneity** of the mixture and increased digestibility of the ration, increasing production and the quality of the milk, as well as improving the health of the animals.

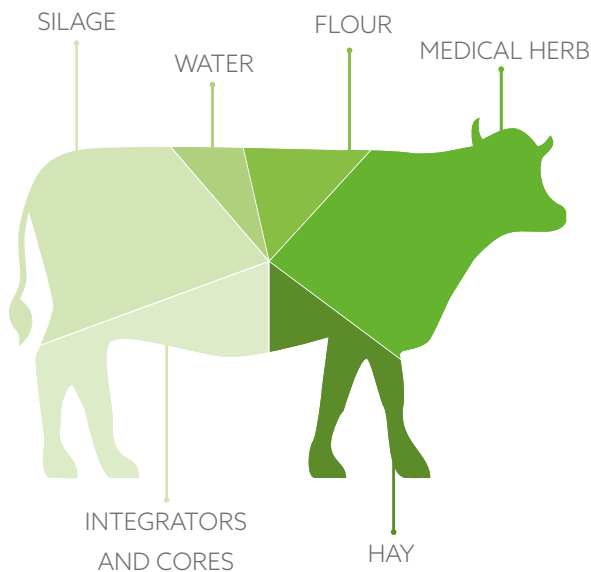
This essential accessory allows you to intervene in real time on production processes to obtain an optimised and homogeneous feed thanks to the evaluation of humidity, crude protein, lipids, fibre, dry substance, ash and many other characteristics of the food that is being produced, following step by step the various phases (collection, loading, preparation and distribution).

PoliSPECNIR installed inside the mixing tank analyses in real time each individual mixed food component and constantly monitors the granulometry parameters for the perfect mixture. This information always allow for the **ideal mixture** and, if needed, to correct it.

PolISPEC^{NIR}, VALIDATES THE ENTIRE FOOD CHAIN



FOR THE WELLBEING OF YOUR CATTLE AND FOR YOUR BUSINESS, CHOOSE NIR



PolISPEC^{NIR} is a rapid integration system that allows, as well as to analyse the individual ingredients, a fully cognitive approach of the ration, ensuring the daily control of its nutritional aspects and homogeneity by also using any corrective agents in real time during operation.

Constant measuring provides valuable information that allows the nutritionist and farmer to make the most appropriate decisions with regard to the quality of the ration to be prepared for the livestock.



IT IS THE **SOLUTION** ENTIRELY DEVELOPED BY **FARESIN INDUSTRIES** TO **GUARANTEE** YOU GIVE THE BEST TO YOUR ANIMALS EVERY DAY AND **GROW YOUR ACTIVITY** (YOUR PROFIT)

PRECISION, AND MORE PRODUCTIVITY, MORE INCOME

FOR THE ENTIRE CATTLE FEED CHAIN FOR CATTLE

QUALITY OF THE RATION EVERY DAY

The world of farming faces the daily challenge of rations that ensure the necessary nutritional properties for livestock.

With **PFM** (Precision Feed Mix) it is now possible to precisely and timely monitor a process full of variables. The results are healthier and more productive animals, better quality milk, reduced feed costs and increased income for the breeder.



Faresin's industrial project is inspired by a "cross-engineering" approach and based on the synergistic interaction between the various products. By considering the complex farm system, Faresin's products promote a virtuous cycle to offer customers countless solutions and benefits.

The **Precision Feed Mix (PFM)** system represents this mission and is based on the principles of Precision Feeding technology to guarantee **the best possible results in terms of quality and yield.**

PFM combines the use of a mixer wagon and a telescopic handler - or a self-propelled wagon that can be used for both loading and mixing - with the **PolisPECNIR™** tool designed by the sister company IT Photonics, which monitors the entire cattle feed chain, to assure preparing a precise and homogeneous ration.

Constant monitoring allows the farmer to quickly decide how to adapt the process according to precise parameters and indicators, and ensure the wellbeing of the animals and maximum economic production of his breeding every day.



THE WELLBEING OF THE ANIMAL



BETTER QUALITY



HIGHER YIELD

FARESIN SPM (SPARE PARTS MANAGEMENT)



SPM (Spare Parts Management) is our multilingual online spare parts catalogue, which allows you to easily and quickly find the information you need on spare parts for your Faresin machine.

 **VIEW CATALOGUES**

 **PREPARE OFFERS IN REAL TIME**

 **MAKE SPARE PARTS ORDERS**

 **UPLOAD AN ORDER**

 **CHECK THE STATUS OF ORDERS**

 **ACCESS DOCUMENT FOLDERS**

OVER 5,000 PART NUMBERS

The best and most advanced products cannot be successful unless they are supported by a quality after-sales service.

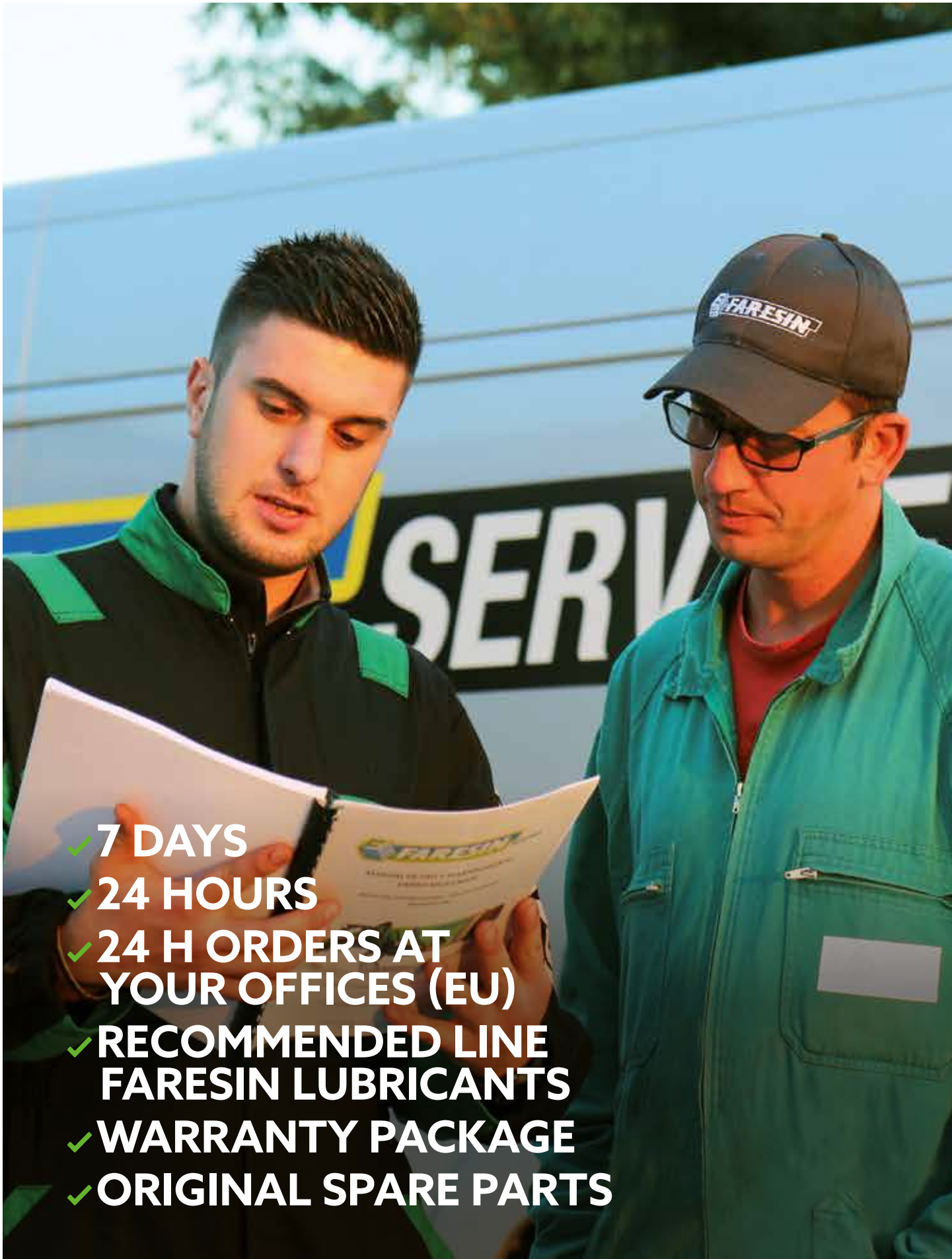
Conscious of this reality we have over the years consistently pursued a strategy of reorganisation of the spare parts and support departments driven by a single goal: promptness and customer satisfaction. We have not simply limited ourselves to increasing staff dedicated to this function but have also provided our dealers with IT tools to manage the spare parts and guarantees ensuring the support service is fast and timely.

At the same time, for a number of years, we have

been implementing a post-sales training program completed by a comprehensive handbook library that aims to equip our dealers to solve even the most complex problems.

After-sales growth is for Faresin Industries a process without a point of arrival because it is constantly being evolved towards excellence that sees us committed to seeking out new and increasingly suitable solutions to ensure full and growing customer satisfaction.





- ✓ 7 DAYS
- ✓ 24 HOURS
- ✓ 24 H ORDERS AT YOUR OFFICES (EU)
- ✓ RECOMMENDED LINE FARESIN LUBRICANTS
- ✓ WARRANTY PACKAGE
- ✓ ORIGINAL SPARE PARTS



Your **FARESIN** dealer:

FARESIN INDUSTRIES SPA

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