

PRECISION PLANTERS



Since 1834, Gaspardo has designed and manufactured agricultural equipments with a single purpose: meet the demands of professionals around the world. It is from this global experience that our seed drills have been created, constructed and tested in the most diverse of conditions, capable of maintaining maximum standards for reliability and precision. Innovation moves forward with Gaspardo!

MAXIMETRO 36R-75



PRECISION PLANTER UNITS



SP ELEMENT

Maximum seeding precision thanks to the distributor very close to the ground. Easy adjustment and high reliability, ideal for seeding on well-prepared ground. The equaliser version is ideal for greater depth regularity in surface seeding (e.g.. Sugar beet).



MTR ELEMENT

Rugged and versatile, designed for minimum tillage, delivers excellent performance and germination quality, even in less prepared soil. The 420 mm double furrow opener disc, together with the independent wheel depth system, assures maximum precision in the placement of the seed at the desired depth.



REGINA ELEMENT

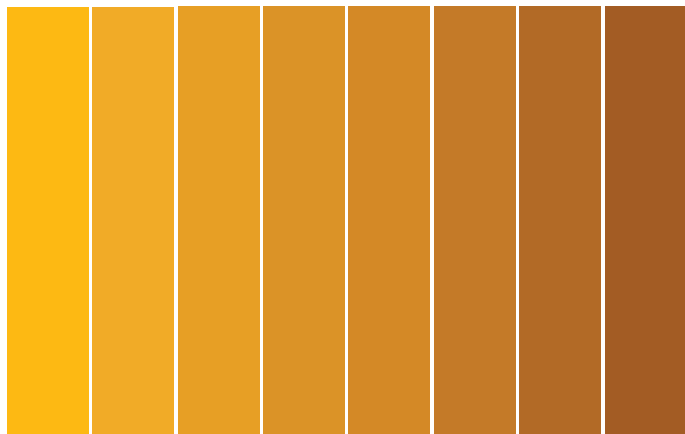
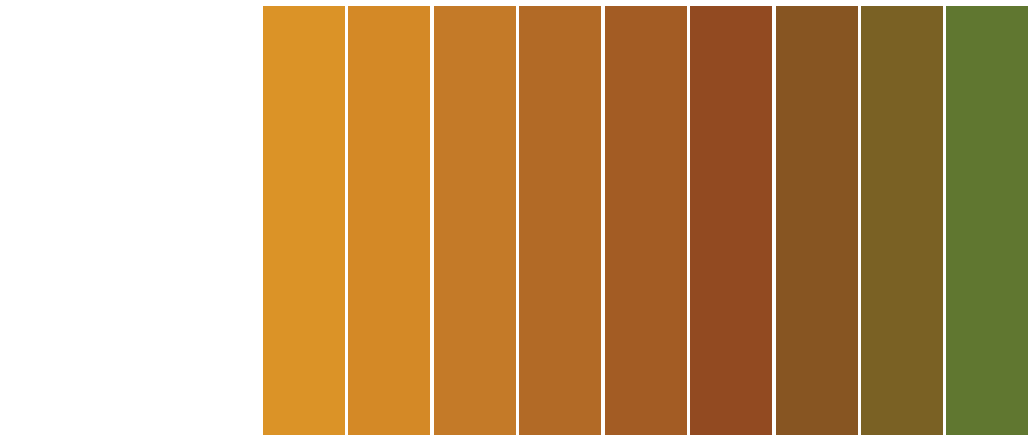
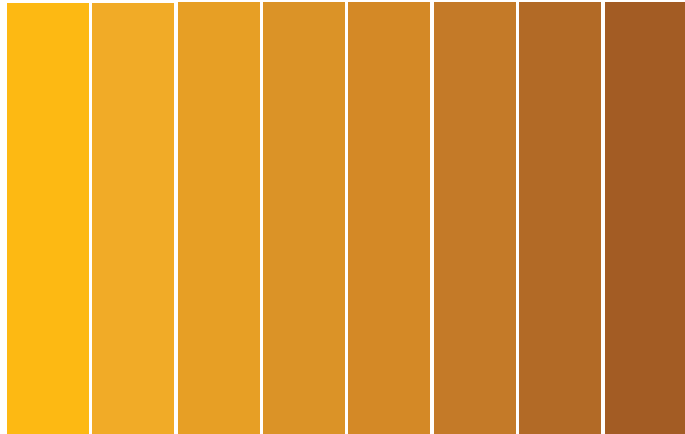
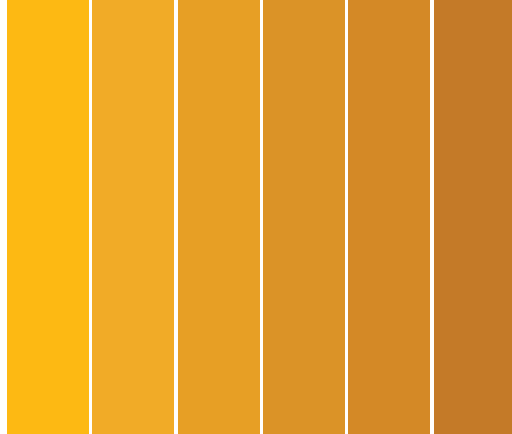
Special steels and cast elements for a seeding pressure of up to 300 kg. Two toothed discs at the front move excessive residue to the side while a first striated wheel scores the soil to facilitate the penetration of the 420 mm double furrow opener disc. The 14" furrow closing wheels are made of cast iron to ensure greater ground pressure and higher abrasion resistance.



ISOTRONIC ELEMENT

Each element is equipped with an electrical distributor that regulates the fall distance between seeds. A control unit individually manages each distributor allowing to perform the automatic pause of the row and the variable dose of seed.

The best solution for every condition



Mounted fixed frame



SP SPRINT 8R-45

RAPID EMERGENCE

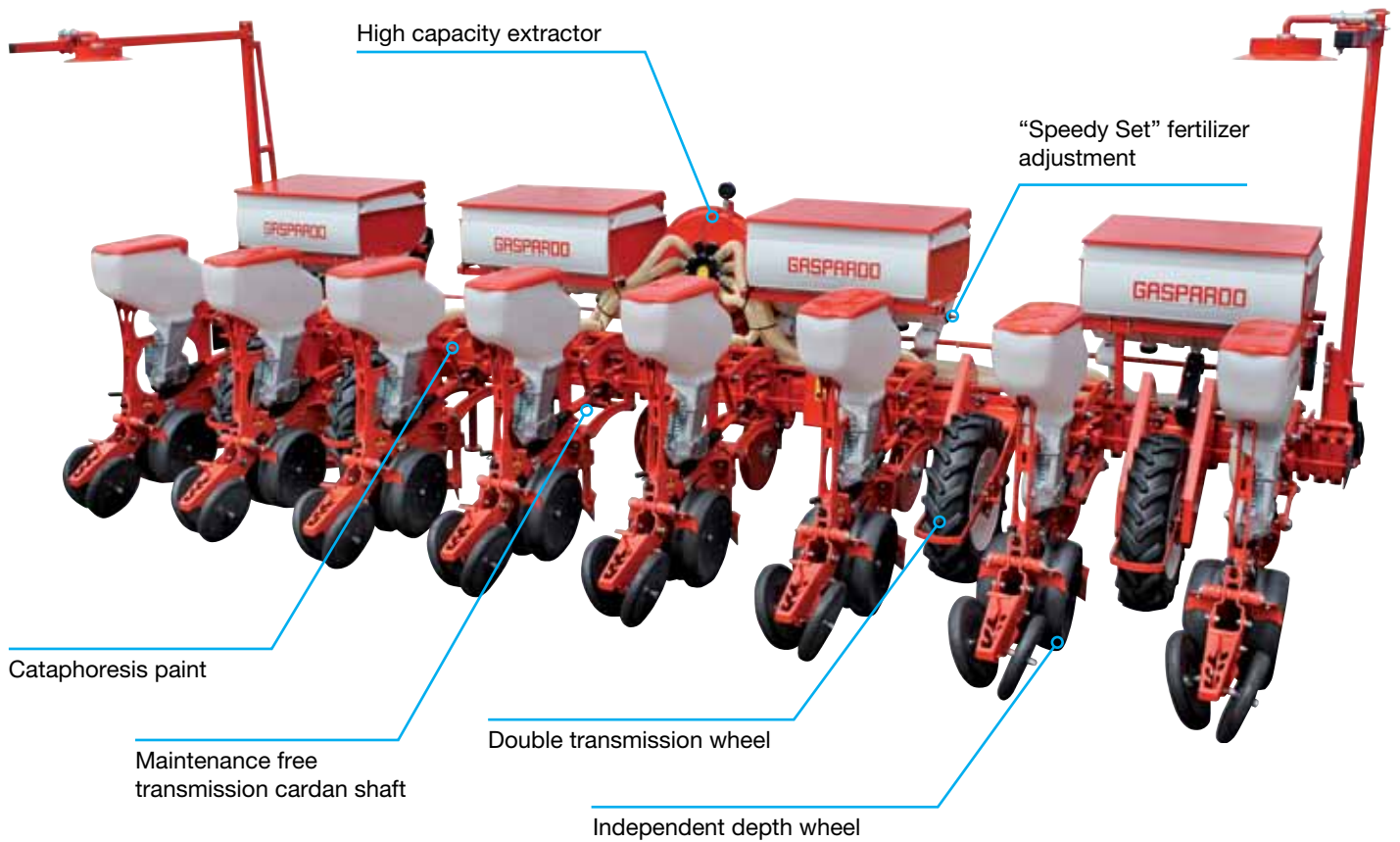
The 420 mm double furrow opener disc allows to always have a clean furrow in the soil. Thanks to the increased diameter less inclination of the disc is required so as to leave the seed in contact as much as possible with the walls of the soil. Furthermore, greater seeding depths can be achieved.

DOUBLE SELECTOR

The double selector provides the highest accuracy by selecting a single seed at a time at a constant distance. In addition, it also allows selection in the presence of treated seeds or seeds with irregular shapes and sizes.



Simple and efficient



MTR
 Reliable, lightweight and precise, the MTR element allows a more accurate seeding. Simple to adjust, allowing the seeding information to be read directly from the monitor in the cab.
 Available with microgranulators and fertilizer spreaders to guarantee maximum emergence.



Model		SP SPRINT	MTR	MISTRAL	MAESTRA
Chassis	cm	190-250-320-420-580	250-280-350-420-440-580	850	900
Number of rows	No.	2-4-5-6-8	4-5-6-7-8-12	12-18	12-18
Row spacing	cm	45-75	45-60-75	45-70	45-70-75
Transport width	cm	190-250-320-420-580	250-280-350-420-440-580	350	320
Element type		SP	MTR - TRONIC	MTR	MTR
Weight	Kg	330÷1155	800÷2650	2390÷4030	3560÷5200
Fertilizer Tank	L	2x90-2x160-2x280-2x160	1X850-2X160-2X200-2X280-4X160-4X200	4X375	4X200-4X240

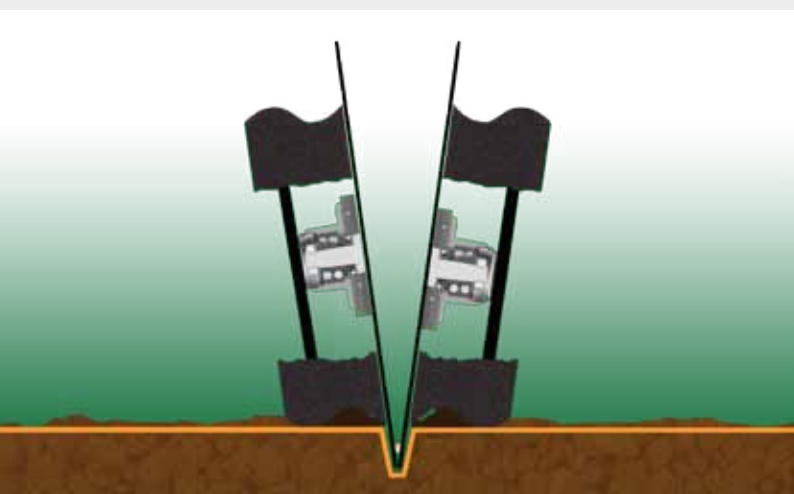
Telescopic mounted frame



MTE 6R-75

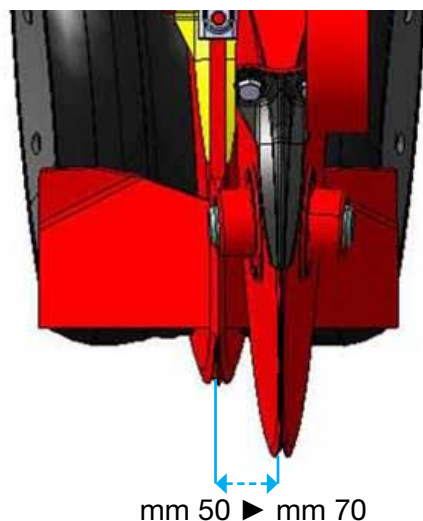
Depth control wheel

The control wheels compact the soil immediately after the opening of the furrow. Greater pressure is given at the sides, while the upper part of the furrow closure is slightly compressed before the wheels close the furrow.



ADJUSTABLE FERTILIZING ELEMENT

Different crops require different types of fertilizer, especially in the early stages of growth. It is crucial in these phases to distribute the correct amount of nutrients at the right distance from the crop. A furrow opener element adjustable to 5 or 7 cm from the seed furrow is used to adjust the burying of fertilizer at the correct distance.



Practical and reliable



MTE
 Practical and reliable, ideal for seeding at 75 cm between rows, thanks to the telescopic frame that changes from 450 cm when working to 255 cm in transportation. Easy adjustments and low maintenance make it an attachment essential for any farm. Quality solutions and a wide range of accessories ensure high seeding quality in any soil.



Model	cm	SARA	STELLA	MARTA	MTE
Chassis	cm	400	400	400	450
Number of rows	No.	6	6-7-8	6-7	6-7
Row spacing	cm	45-60-75	75	50-75	60-80
Transport width	cm	250	250	255	255
Element type		SP	SP	MTR	MTR
Weight	Kg	973	993÷1129	1090÷1320	1100÷1220
Fertilizer Tank	L	1X850	2X200-1X1000	1X850-1X1000	1X1000-2X200

Mounted adjustable frame



MAGICA 8R-45÷75

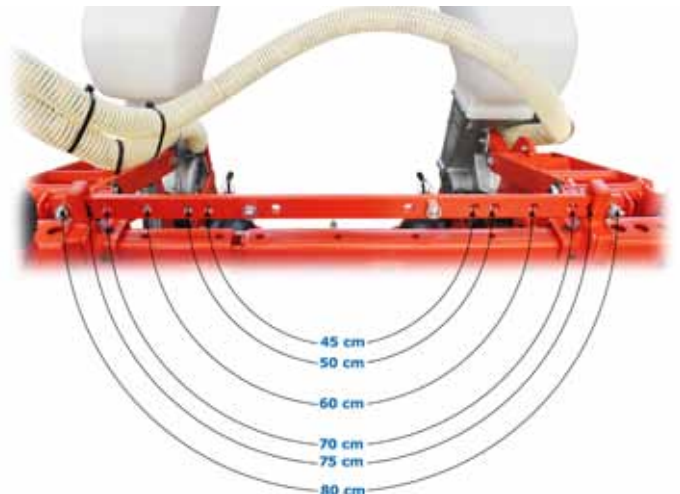
MINIMAX FOR MAXI CORN

The handy kit of microgranulators Minimax has three 30 l tanks, quickly adjustable thanks to the "SPEEDY SET" control that allow the distribution of the product on the row. In recent years the use of low-dose products has established more and more and with excellent results, both in agronomic terms and environmental impact.



VARIABLE ROW SPACING

The advantages of variable row spacing models allow to use the same attachment for the seeding of different crops. Through a pin adjusted hydraulic system a distance from 45 cm up to 80 cm can be obtained between the rows.



Hydraulic row marker marks in the centre and on the wheel

30 litre microgranulator tank

60 litre seed tank

SPEEDY SET centralised adjustment

Front transmission wheel 22x11.00-10

Mechanical frame opening/closing safety



MAGICA

Maximum versatility thanks to the adjustable frame, which when opening allows to adjust the row spacing between the elements from 45 to 80 cm. Up to 9 elements can be mounted for a maximum working width of 600 cm .

Available with STAINLESS STEEL microgranulators and fertilizer spreaders

The sturdy but compact frame very close to the lift reduces rear overhang. Available with both the versatile element MTR and with electronic management and ISOTRONIC element.



Model	cm	MONICA	MAGICA	MAGA
Chassis	cm	413	457 - 588 - 600	457 - 588 - 600
Number of rows	No.	6-7	6-9*	6-9*
Row spacing	cm	45÷80	45÷80	45÷80
Transport width	cm	255	300-320*	300-320*
Element type		MTR-Tronic	MTR-Tronic	MTR-Tronic
Weight	Kg	1200÷1800	1270÷2000	1900÷2600
Fertilizer Tank	L	1x850	1x900-2x200	1x900

Mounted folding frame



MIRKA 8R-75

SEED PRESS WHEEL

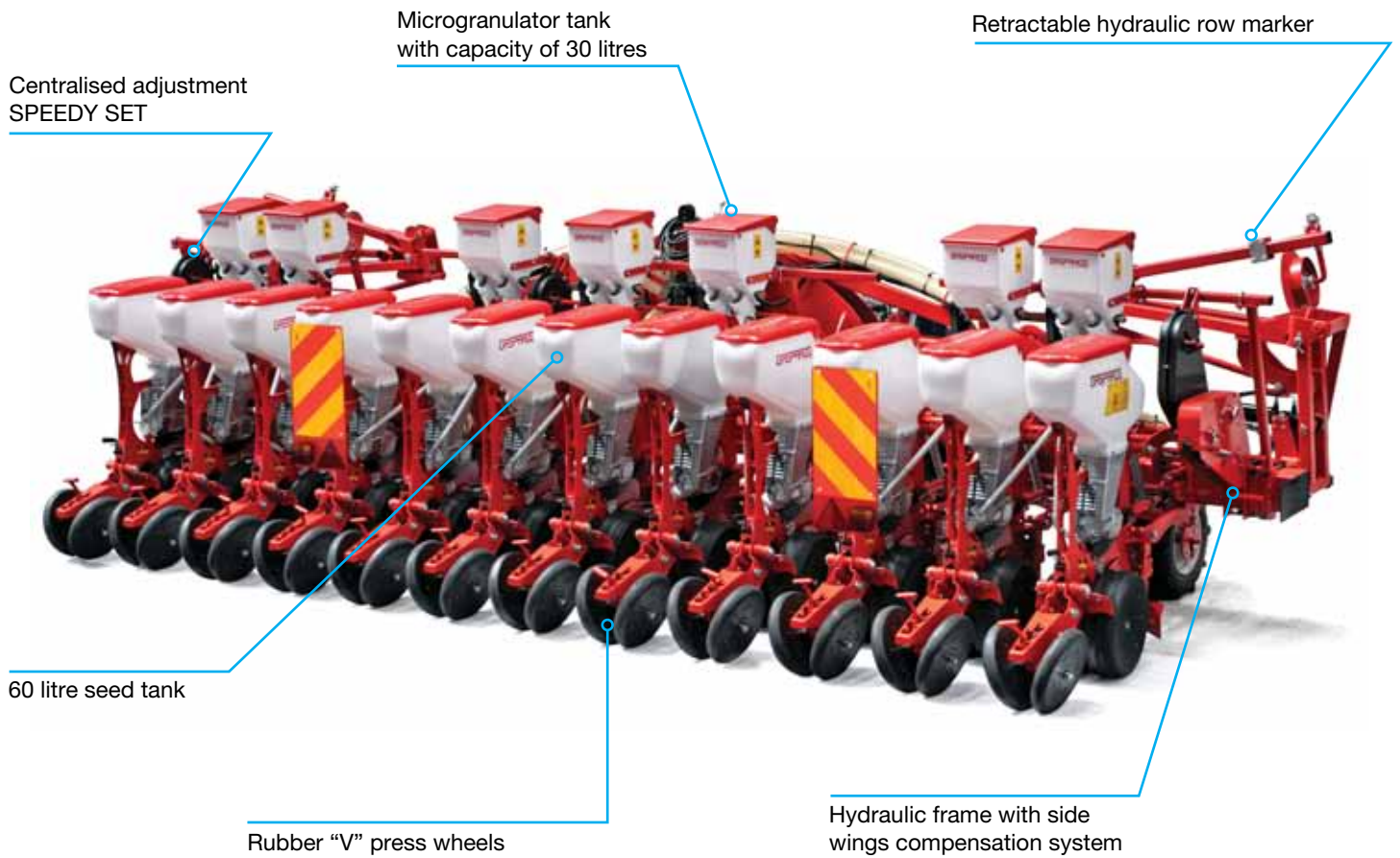
The use of the seed press wheel in medium texture light soils, favours the concentration of moisture around the seed, for a uniform crop emergence.

PRACTICAL AND COMPACT

The application of the 1100 litre front tank PA 1 ensures an optimum balance of the tractor weight. Thanks to the super compact design, PA1 allows a good visibility from the cab, both when working and during transport.



Utmost professionalism



MANTA

The Manta model is ideal for seeding on all types of soil, even minimally worked. Equipped with hydraulically folding frame, Manta combines large operational capabilities to a small footprint. High productivity and the reduced necessity for maintenance makes it an ideal tool for seeding professionals.



Model		MIRKA	MANTA	MANTA XL
Chassis	cm	580	580	900
Number of rows	No.	8	8-12	12
Row spacing	cm	75	45-75	70-75
Transport width	cm	300	255-300	320
Element type		MTR - TRONIC	MTR - TRONIC	MTR - TRONIC
Weight	Kg	2980÷3050	2240÷2820	2460÷3060
Fertilizer Tank	L	1x1400- 1x1100 Front PA1	4x160 Front PA1	Front PA1

Towed fixed frame



REGINA 8R-75

FERTILIZER BURYING

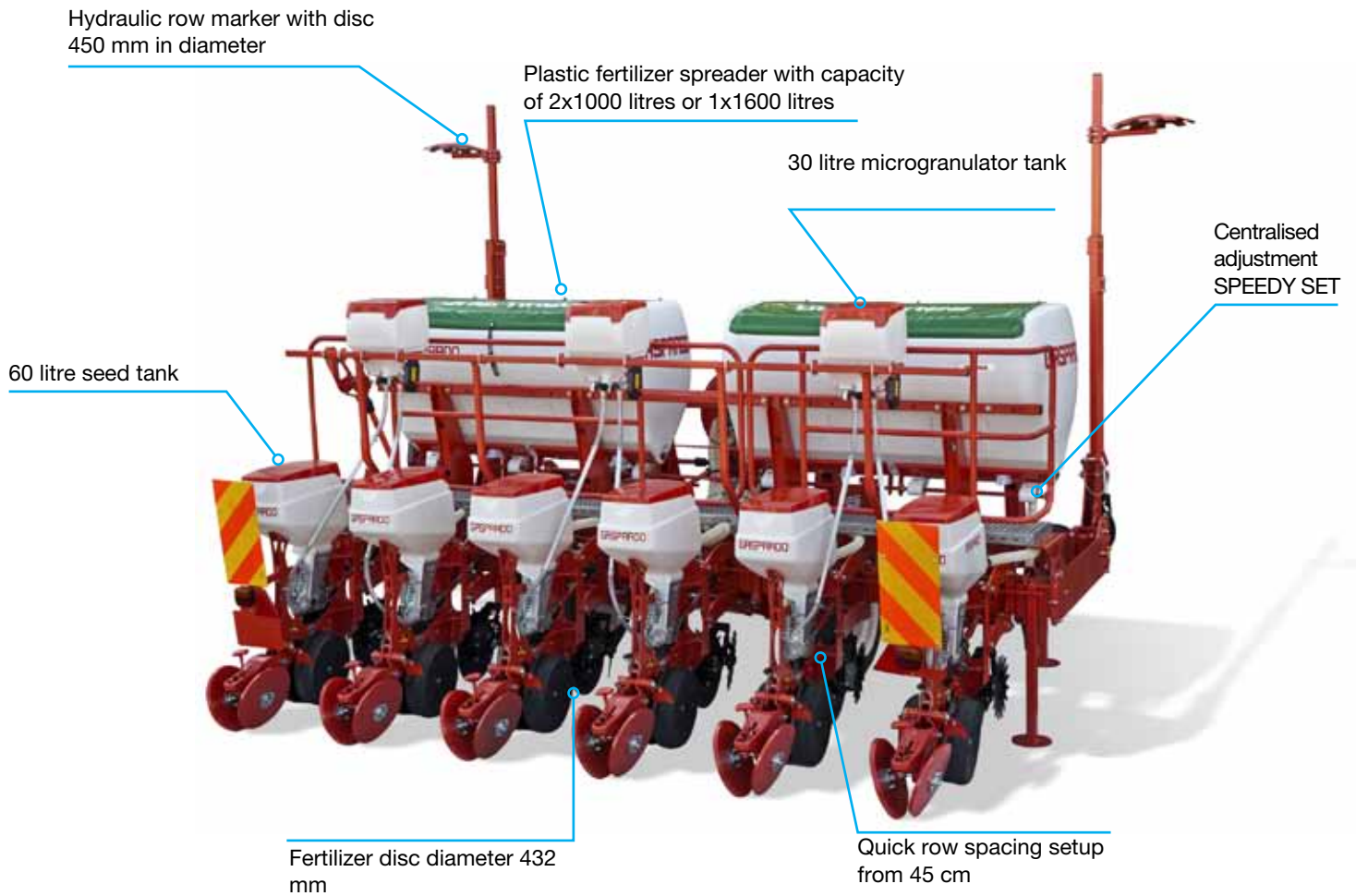
The \varnothing 370 mm fertilising disc is made from high strength steel to penetrate the hardest of soils also. The undulating profile explodes the soil and allow the fertilizer to arrive in the first 8-10 cm deep, to favour the growth of the crop in the early stages of development.

PRESSURE SYSTEM

Double sprung element with graduated scale and anti-loosening blocking system. Pressure adjustable from 170 kg to 300 kg, to ensure optimum contact with the ground at all times, even in difficult conditions.



Easy to handle



REGINA

The towed frame solution is ideal for seeding on untilled soil. The machine weight is distributed evenly on all seeding elements and allows to freely follow the surface irregularities.

The central part of the element is constructed in a single body for greater resistance to impact with the ground (+50%) and the lateral stresses (+25%). The model is suitable for both the management of crop residues on the seeding line, as well as maintaining a constant seeding depth ensuring a good seed/soil contact. Possible coupling to low power tractors (minimum 100 Hp) thanks to the towed frame.



Model		ROMINA	REGINA
Chassis	cm	520-580-620-750	300-350-450-580
Number of rows	No.	6-8	4-6-7-8
Row spacing	cm	45-75	45-75
Transport width	cm	520-580-620-750	300-350-450-580
Element type		MTR	REGINA
Weight	Kg	2100÷2300	1880÷3110
Fertilizer Tank	L	1X1600-2x1000	1X1600-2x1000

Towed folding frame



MAXIMETRO 42R-45

PRECISION FARMING

The use of the ISOTRONIC element enables the direct and real-time monitoring of every single distributor. This permits the automatic pause of the rows to avoid overlapping. It also allows to manage the variable distribution of the seed according to the prescription maps.



ISOBUS LANGUAGE

Isobus enables direct tractor-tool dialogue. A single connection cable allows the management of all functions directly from the tractor monitor. In addition to monitoring key indicators, automatic functions of the «Precision Planting» are available.



Great performance



RENATA

Versatile and high performance drill, Renata can be combined with lower power and weight tractors thanks to the towed frame. Renata stands out for its great operational capacity: the large 1600 litre fertilizer tank allows to disperse the desired dose of fertilizer in the vicinity of the seed, favouring the subsequent stages of germination. Moreover, Renata has no difficulty circulating on the road thanks to the 600 cm frame that can be closed to 300 cm.

Maximum seeding quality is also ensured by the Regina element, which ensures the penetration of the soil even in hard and dry soil conditions.



Model		RENATA	METRO	MAXIMETRO
Chassis	cm	600	1200	1800-2600
Number of rows	No.	8	16-24	24-36
Row spacing	cm	70-75	45-70	70
Transportation	cm	300	600	600
Element type		REGINA- MTR	MTR	MTR
Weight	Kg	3700÷4550	6620÷9040	12200÷15900
Fertilizer Tank	L	1X1600	4X950	1X7500

VEGETABLE PLANTERS

The pneumatic vegetable seed drills are the result of over one hundred years of GASPARDO experience. Seeding precision and modularity of components make them multi-purpose machines for use in the specialized vegetables sector, both open field and greenhouses.



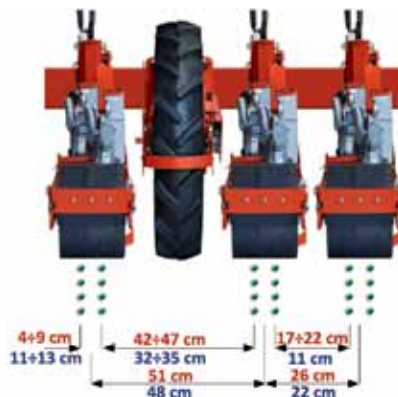
OLIMPIA vegetable planter double distributor



Designed for the needs of twin seeding, thanks to the two independent distributors mounted on the same element. Among the available settings is the possibility to adjust both row spacing in the seeding unit, to adapt to the needs of each crop.



DOUBLE ROW



WIDE SEEDING
NARROW SEEDING



ORietta vegetable planter single distributor

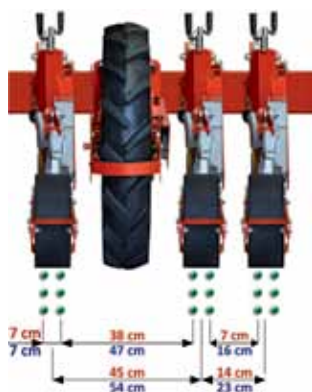
Precise and super-equipped, the element allows to find the ideal setting for any type of seed. The equaliser system ensures the utmost care in seed placement. The interchangeable distributor allows the planting of one, two, or three rows or in strips, for each element.



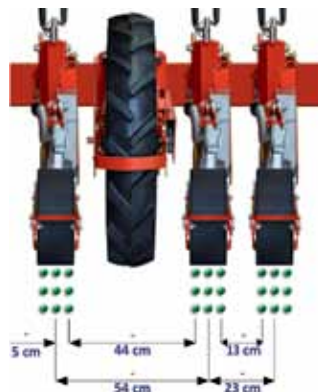
SINGLE ROW



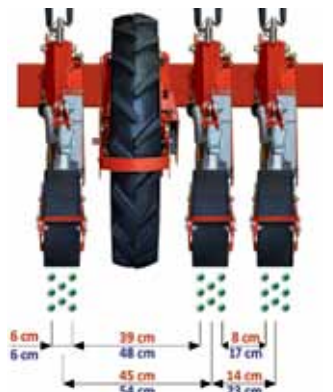
DOUBLE ROW



TRIPLE ROW



STRIP



Vegetables



MANTA ORIETTA 12R-12,5

GASPARDO VEGETABLE DISTRIBUTORS

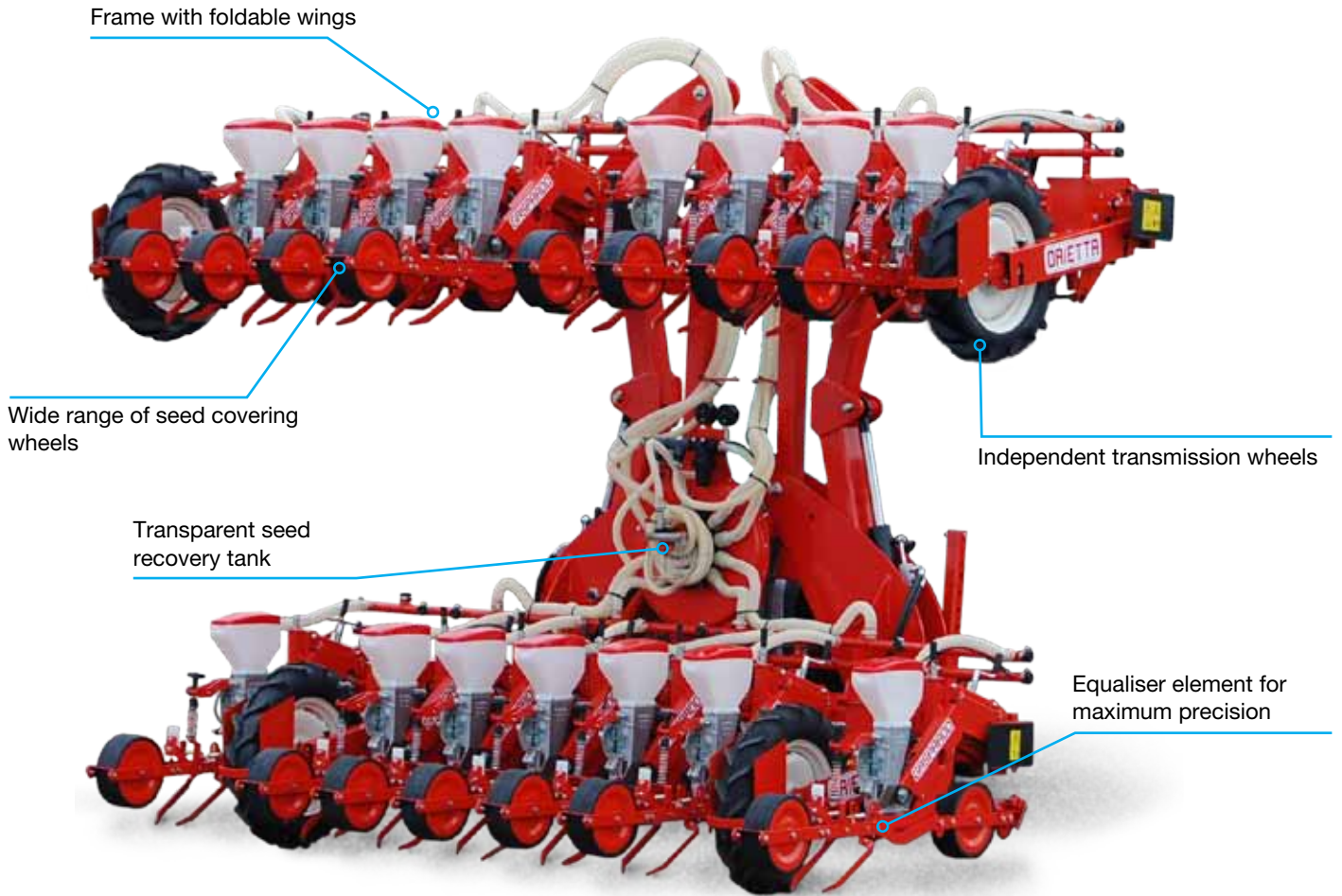
The distributor is made of cast aluminium and has a wide range of interchangeable discs designed to ensure high seed selection and distribution accuracy. The components most exposed to wear are made of Teflon for greater reliability.

MILLIMETRIC TRANSMISSION

The transmission with 36 ratio gear box is accessible and easy to set up. The different configurations allow to deposit the seeds with an adjustable distance from 0.42 to 55 cm.



Millimetric precision



MANTA ORIETTA

Great operating capacity and good handling, thanks to Manta frame with folding wings, which transforms from 580 cm in the working phase to 255 cm during transportation. Many customization possibilities, which concern both the row spacing between elements (minimum 14 cm) and accessories for each element.



Model		ORIETTA	OLIMPIA
Chassis	cm	250-275-320-420-580-600	250-275-320-420-580-600
Number of rows	No.	MIN 4	MIN 3
Number of rows per element	No.	1-2-3-STRIP	2
Row spacing	cm	ON REQUEST	ON REQUEST
Transport width	cm	250-300	250-300

ROW CROP CULTIVATORS



HS 6R-5MP

ELEMENTS FOR WORKING BETWEEN THE ROWS – ROW SPACING 75 cm



5MP



5MDD



3MD



3ZD

ELEMENTS FOR WORKING BETWEEN THE ROWS – ROW SPACING 45 cm



3MP



3MDD



3ZD



SPADE



HS

The HS model is the professional cultivator that combines high autonomy, thanks to large hopper also available in stainless steel, to a small footprint on the road (2.5 m).

The pneumatic distribution of the fertilizer on the side rows ensures uniform distribution. The hydraulic closure of the wings ensures maximum operator comfort.



Model		HL	HP	HS	HR
Chassis	cm	325-500-650	350	422-551-691-944-1145-1275	1020
Number of rows	No.	6-7-8-12	4-6	4-6-7-8-12-16-18	12-18
Row spacing	cm	45-60-75	45-75	45-60-70-75	45-50-70-80
Transport width	cm	325-500-650	250	250* only for > 691 cm frame	2,90* TRAILER
Weight	Kg	466÷1394	400÷696	850÷2245	1904÷3672
Fertilizer Tank	L	2x160-2x280-4x160	1x400-2x160	1X950* only for > 691 cm frame	4X280

MONITORS



HCS



- Total and partial count of the worked surface

V1200



- V1200 up to 12 rows**
- Seeds per row control alarm
 - Hectare counter

MCE 6000/12000



- 6000 up to 6 rows, 12000 up to 12 rows**
- Seeds per row control alarm
 - Seeding density (number of seeds per sq.m.)
 - Total and partial area worked (ha)
 - Average seeding distance (cm) of all rows/single row
 - Prepared for row exclusion device
 - Advance speed sensor



SIMPLE TSH



- Tramline for post crop emergence treatments
- Tramline for pre crop emergence treatments
- Total and partial area worked (ha)
- Advancement speed

MULTICONTROL



- Tramline for post crop emergence treatments
- Tramline for pre crop emergence treatments
- Doser rotation control
- Hopper seed level alarm
- Blower revolutions control
- Total and partial area worked (ha)
- Advancement speed

MULTICHECK



- Doser rotation control
- Hopper seed level alarm
- Blower revolutions control
- Total and partial area worked (ha)
- Advancement speed

GENIUS LITE



- Doser rotation control
- Hopper seed level alarm
- Blower revolutions control
- Total and partial area worked (ha)
- Advancement speed
- Ease and speed of calibration
- Pre-Start and Pre-Stop functions
- Dosage change from the cab
- Tramline function

IMG FARMING PLATFORM

ISOBUS LANGUAGE



One single connection cable



Application versatility with our equipment



Universal language with the leading tractor brands

PRECISION FARMING

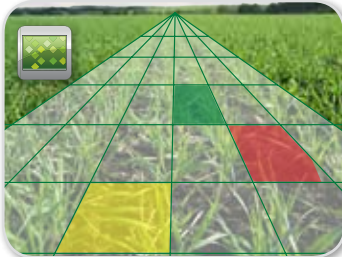


CONTROL FUNCTIONS

- Seed quality
- Seeding quality
- Alarm

ADVANCED FUNCTIONS

- Variable dosage
- Automatic closure of sections



GPS

- Parallel driving
- Automatic driving
- Assisted driving

DATA MANAGEMENT

- Yield maps
- Distribution maps
- Data geolocalization



DISPLAY FOR NON-ISOBUS TRACTORS

Tera 7 - Universal Monitor

ISOBUS control functions (read only);



- Seeds per row control alarm
- Total and partial area worked (ha)
- Working speed (km/h)
- Average seeding distance (cm) of all rows/single row
- Seeding density
- USB drive to save work data

7" backlit graphic display

Touch 800 - ISOBUS Terminal

Advanced ISOBUS control functions ("read" + "precision farming");



- Modify adjustment functions directly from the monitor
- Automatic closure of rows
- Variable seeding rate
- GPS system or similar if present
- Automatic driving interface

8" backlit graphic display

CROP PROTECTION



The crop protection is a fundamental operation to protect ones crops, through an attentive and correct weed and pest management. The Maschio Gaspardo Group now offers a full range of solutions: from full-field equipment to specialized sprayers for vineyard and orchard management. Numerous customizations available for a product built around the needs of each farm. Innovation moves forward with Gaspardo!

CAMPO 32P ALA 624



Mounted sprayers



TEMPO 1000 WORK U 18

NOT MERE BOOMS

The Gaspardo booms for towed sprayer offer the maximum experience and technology in the spraying sector.

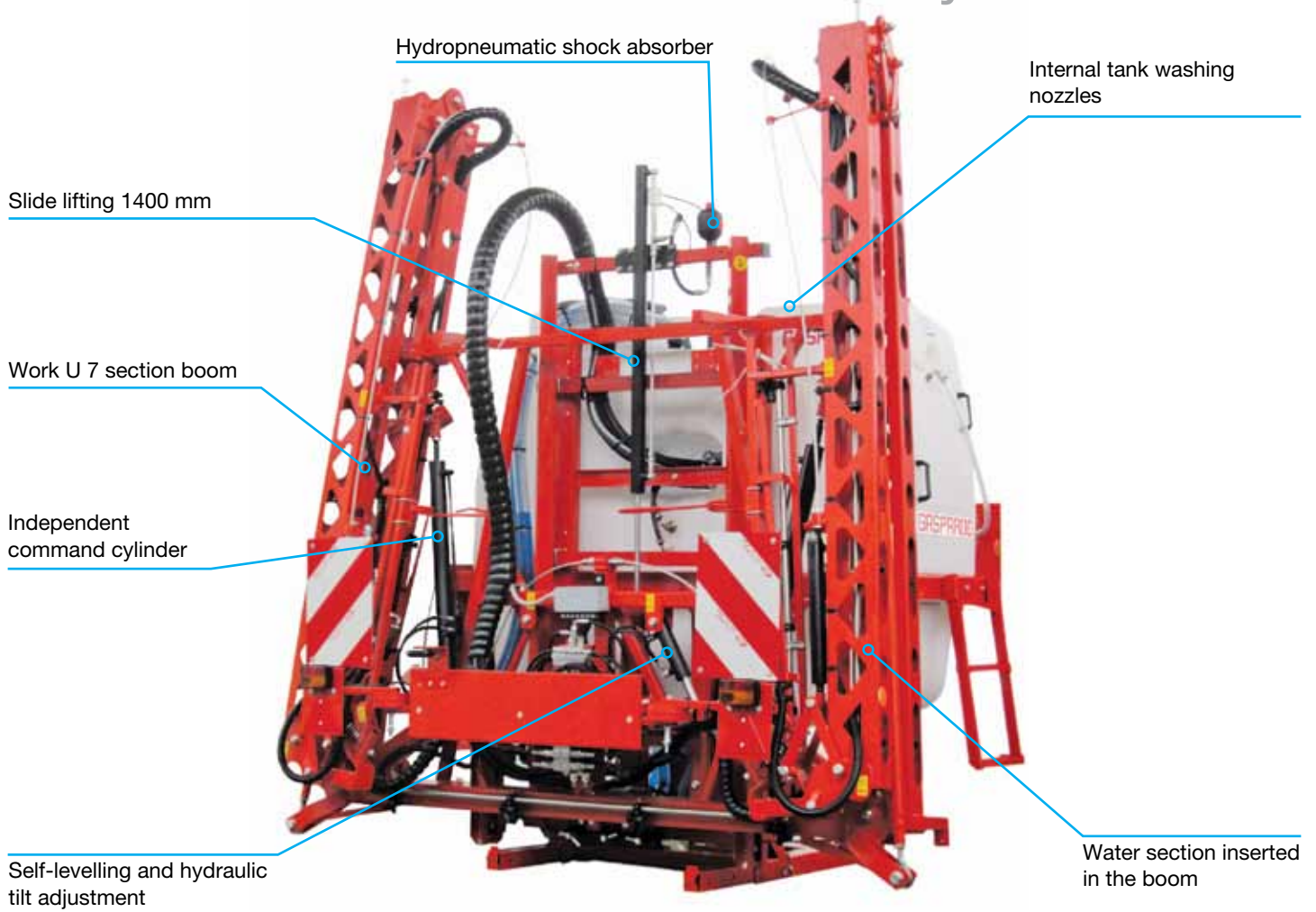
The practical and reliable WORK X boom stands out among the available versions; the WORK U boom, for those looking for maximum flexibility and performance. Enriching the range is the EASY U version, which combines flexibility and performance, with an eye costs.

DEVIOKIT

The DEVIOKIT system, standard in TEK0 and TEMPO models, allows the washing of the water section of the boom both at the end of the crop treatment and in the event of accidental interruptions (e.g.. wind or rain). Thanks to this solution the work circuits are kept clean and efficient at all times, without wasting time. A second small sized tank of clean water allows the washing of the components without diluting the product in the working tank.



Practical and easy to handle



TEMPO

This is the professional sprayer to cover large areas rapidly: its wealth of standard equipment make all preliminary and cleaning operations easy. Solutions such as the driver's control panel, which integrates all machine controls, reduce all downtime; the PRE-MIXER as standard allows to work in maximum comfort and safety.



Model		SAURO	TEKO	TEMPO	TEMPO ONE
Tank	L	150÷1000	600÷1200	860÷1298	1415÷2030
Boom width	M	3,5÷14	12÷18	15-18	15-18
Boom lifting	mm	1000	1000	1400	1400
Pump	bar	125	170	280	280

Towed sprayers

(up to 3200 l)



CAMPO 32P ALA 624

NEW SERIES ALA 500 AND ALA 600

To ensure maximum stability of the boom, the ALA 500 and ALA 600 versions have been redesigned with regard stability, rigidity and strength. The use of high strength steel and the use of rubber instead of the traditional springs in the damping of the control unit are some of the innovations introduced. The hinge designs give the booms maximum strength for a more rapid rearrangement during operations.



AIR SLEEVE

The fan that feeds the device has a diameter of 700 or 800 mm, with possible speed adjustment from 0 to 32 m/s.

An additional cylinder is available to vary the punch of the air flow and the displacement of the vegetation. The operation of the fan is carried out by an independent hydraulic circuit connected to the universal joint.



A choice by professionals



CAMPO 22-32

The professional range of Gaspardo sprayers sees in the Campo 22-32 model the ideal solution for medium-sized farms and contractors who need a precise tool, quick working and versatile in every application. Booms from 15 to 24 meters, both vertical and lateral closure, able to adapt to the needs of each farm. The 2200 or 3200 l tank guarantees an optimum compromise between operational capacity and soil trampling. The adjustable wheelbase allows entry with any crop. A wide range of monitors are also available for the management of both the water and boom functions, with special solutions for satellite guidance, ISOBUS language and Distance control (automatic levelling). The DEVIOKIT circuit, standard on all models, allows the washing of the boom and the water circuit without diluting the product in the tank; passing rapidly from one crop to another with the danger of residual product.



Model		CAMPO C 15-20	CAMPO C 22-32	CAMPO P 22-32
Tank	L	1700-2100	2400-3200	2400-3200
Boom width	M	12÷18	18÷28	18÷28
Boom lifting	mm	1000	1400-1500	1400-1500
Pump	bar	170÷280	280	280
Track	mm	1450÷2100	1450÷2250	1450÷2250

Towed sprayers

(up to 6500 l)



CAMPO 65 ALA 936

RAPID FILLING

To reduce downtime and maximize the productivity of the Campo 44 and 65 models, an independent pump is available that can fill the tank in less than 4 minutes (6600 l version).

3 in-line filters allow to thoroughly clean the inlet water without the danger of imposing excessive strain on the vacuum pump. A quick coupling allows to directly connect to both the tanker and to the nearest water source.

NEW 900 SERIES BOOMS

Created to meet the needs of large farms, the ALA 900 version has seen the introduction of new solutions aimed at maximizing robustness, stiffness, responsiveness and lightness. In addition to the structural components of the boom, the water circuit has also been revised that now has a recirculating system and up to 12 dedicated water sections as standard. The application of the air sleeve is not foreseen.



A record Campo!



CAMPO 44-65

Great performance thanks to the booms of the new 900 series, with widths up to 36 meters and high operational capacity of 4500 l (Campo 44) 6500 l (Campo 65). Maximum distribution uniformity thanks to the new control unit, redesigned to absorb the imperfections of the ground and keep the boom movements free and repositioning reactive. Generous standard equipment, available from the basic models, allow to obtain highly professional attachments, perfect for the needs of large farms. The control of individual nozzles (Seletron) and ISOBUS technology is available on demand, to have the highest level of technology all directly managed from the tractor monitor.



Model		CAMPO 44	CAMPO 65
Tank	L	4450	6500
Boom width	M	27÷36	27÷36
Boom lifting	mm	1500	1500
Pump	bar	2/300	2/300
Track	mm	1600÷2250	1600÷2250

Self-propelled sprayers



URAGANO 3000

ENGINE

Uragano is powered by a reliable 6-cylinder John Deere engine 6068 HF285: The maximum power output of 170 hp (127 kW) operates all services and the hydrostatic drive. The 2000 version is instead equipped with the 4-cylinder 140 hp (103 kW) engine.

CAB

Uragano is a fully electronic sprayer: all the main functions can be directly accessed from the driver's seat.



360° protection



URAGANO

Self-propelled sprayer developed specifically for the treatment of crops over 2.00 m. The unique arch structure allows to straddle taller plants (corn, sorghum, sugar cane, tobacco ...) without damaging the rows that are located under the machine.

Its special design and a sophisticated hydraulic system speed up the preparation and execution of plant protection operations in the maximum comfort and safety!



Model		URAGANO 2000	URAGANO 3000	URAGANO 4000
Tank	L	2200	3000	4000
Boom width	M	18÷24	18÷28	18÷28
Boom lifting	mm	1400	1500	1500
Pump	bar	280	280	280
Track	mm	1700÷3050	1700÷3050	1700÷3050

Mounted mistblowers



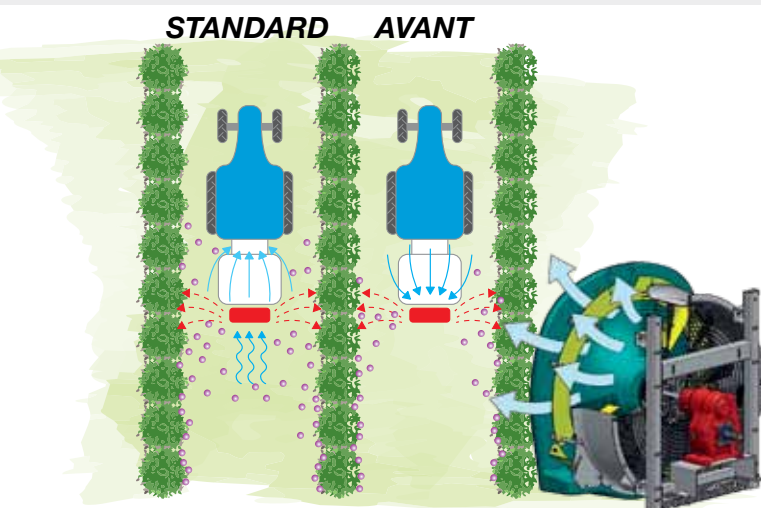
KAMBA CANNONE 800

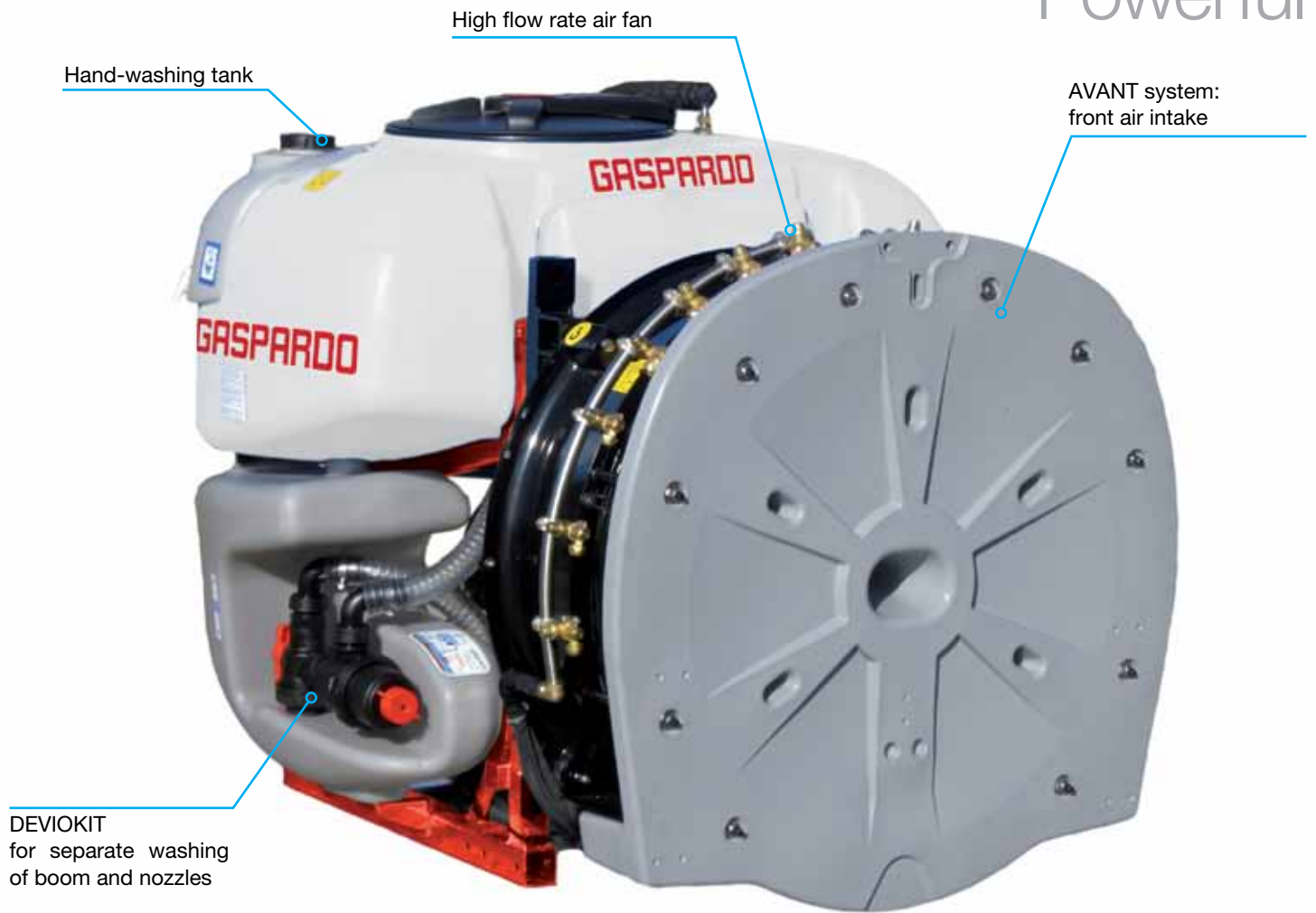
AVANT SYSTEM

The front suction prevents the projection of treatment particles towards the sprayer, the tractor and the operator. The high distribution uniformity is obtained thanks to the straightening vanes and the bi-flow deflector, which optimize the air output speed increasing the plant leaf penetration.

MAINTENANCE

Valves and filters are in comfortable and accessible positions: regular maintenance after each application improves the quality of each treatment and extends the duration of the equipment.





EXPO

Expo is the simple and lightweight mounted sprayer for superior handling and unparalleled agility, which can be combined with virtually all fan units available in the range. Available in both manually and electrically controlled versions and can be enhanced with various options such as the filler pipe and upper jet deflectors. The compact design and tanks up to 600 litres (1000 for the Cannone version) make it the ideal partner for the wine grower and the fruit grower that require timely interventions and ease of use.



Model		EXPO	DEVIL TGZ	KAMBA CANNONE	AIRDROP VENTAGLI	TURBOTEUTON POLIPO
Tank	L	200÷600	325÷634	423÷1062	315-634	315-634
Number of jets	No.	10÷14	16	7	8	16
Pump	bar	45÷50	50	45÷50	50	50
Fan unit	ømm	600-700-800	700-800	455	455	455

Towed mistblowers



FUTURA 2000 TGZ

REAR UNITS

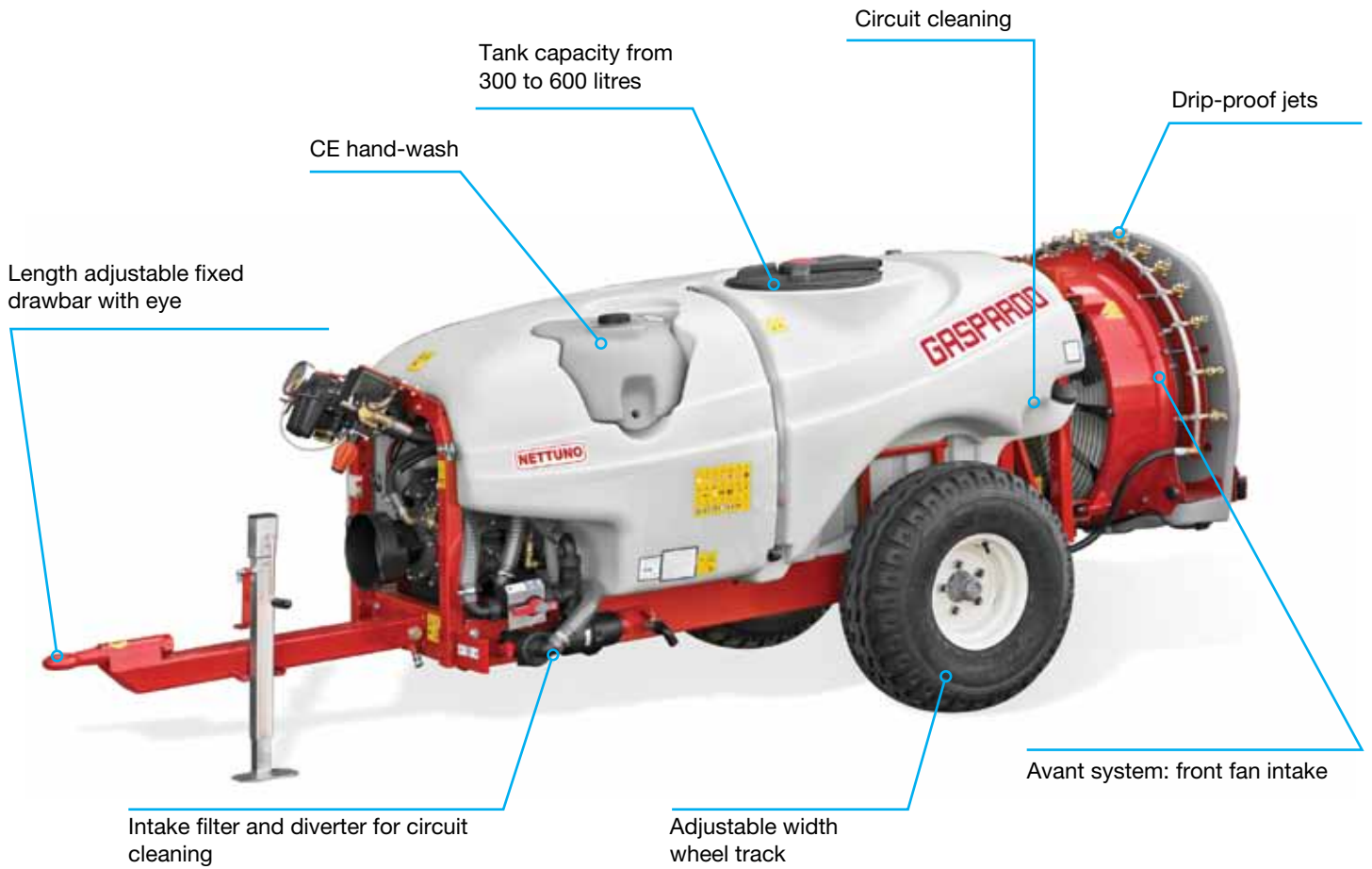
Gasparado offers a wide range of rear units to meet all pest control needs in vineyards and orchards.

TURBOTEUTON

Thanks to the hose air transport system and swivelling nozzle, TurboTeuton allows the effective and uniform distribution throughout the tree wall. The straddle FFX version allows to manage three rows in a single pass.



Universal solution



FUTURA AVANT

This is the basic equipment of the Gaspardo towed sprayers: simple and economical, its strength lies in the impressive treatment autonomy (capacity of up to 2000 litres). Available with manual or electric control, in combination with the rear units and the "Avant" units.

The track width on all models of the towed range is adjustable by means of a mechanical extension system.



Model		FUTURA AVANT	FUTURA TGZ	FUTURA CANNONE	SIRENE	TURBOTEUTON
Tank	L	635÷3150	1100÷3150	1100÷3150	1100÷3150	635÷3150
Boom width	M	12-14-16	16	7	22	16÷24
fan diameter	mm	700-800-900	700-800	455	800	455
Pump	bar	50	50	50	50	50

Fertilizer spreaders



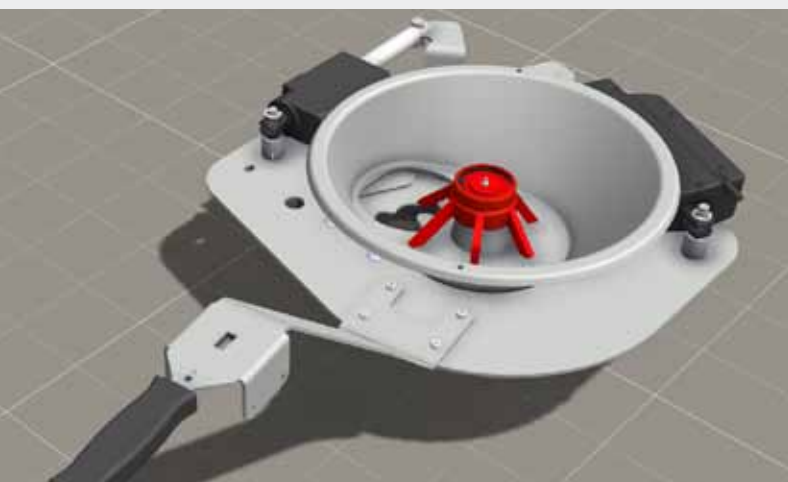
PRIMO EHL

PRECISION METERING UNIT

The double gate system, together with the anti-dose effect metering unit, ensure excellent distribution uniformity. The roto-vibrating head, equipped with bearing, conveys the product for a correct fall, thus avoiding damage. All components are made of pre-pressed steel.

DISTRIBUTION TABLES

To ensure the correct setting depending on the type of product to be distributed, a software has been developed, together with the University of Padua, which reproduces the spreading tables by relating the specific data of the product to the working conditions.



Utmost professionalism

Raised side panel kit stackable up to 4 pieces

Tarpaulin cover for transportation



Weld-free pre-pressed hopper

Quick release distribution disc

Electronically controlled double gate

Side or rear inspection ladder

PRIMO EH & EHL

Primo EH and EHL encompass the latest technology of the Maschio Gaspardo Group in the professional fertilizer spreader segment. The pre-pressed steel metering system ensures excellent distribution uniformity in each version.

Great operating capacity thanks to the additional sides and maximum operating versatility with interchangeable plates for maximum precision with every working width. The ISOBUS version allows to manage all information directly from the in-cab monitor.



Model		PRIMO	PRIMO L	PRIMO E	PRIMO EL	PRIMO EH	PRIMO EHL
Working width	M	12÷18	12÷18	12÷18	12÷18	12÷18	12÷18
		24÷36	24÷36	24÷36	24÷36	24÷36	24÷36
		36÷48	36÷48	36÷48	36÷48	36÷48	36÷48
Hopper capacity	l	1800÷2875	1930÷3130	1800÷2875	1930÷3130	1800÷2875	1930÷3130
Unladen weight	Kg	551÷615	562÷630	551÷615	562÷630	551÷615	562÷630
Distributors	No.	2	2	2	2	2	2
Electronic weighing		-	-	•	•	isobus	isobus
Overall width	cm	253	285	253	285	253	285

HAY HARVESTING



Livestock farming has always been conditioned by climatic conditions. Added to this is the market demand for ever higher quality and traceability of the entire supply chain. With this knowledge, Maschio Fienagione now offers a complete range of specialized equipment, from cutting to harvesting, combining high reliability to high performance, always with the utmost attention given to the final product.

DUETTO 125



Fixed chamber balers



MONDIALE 120 PRO

OPENABLE BASE

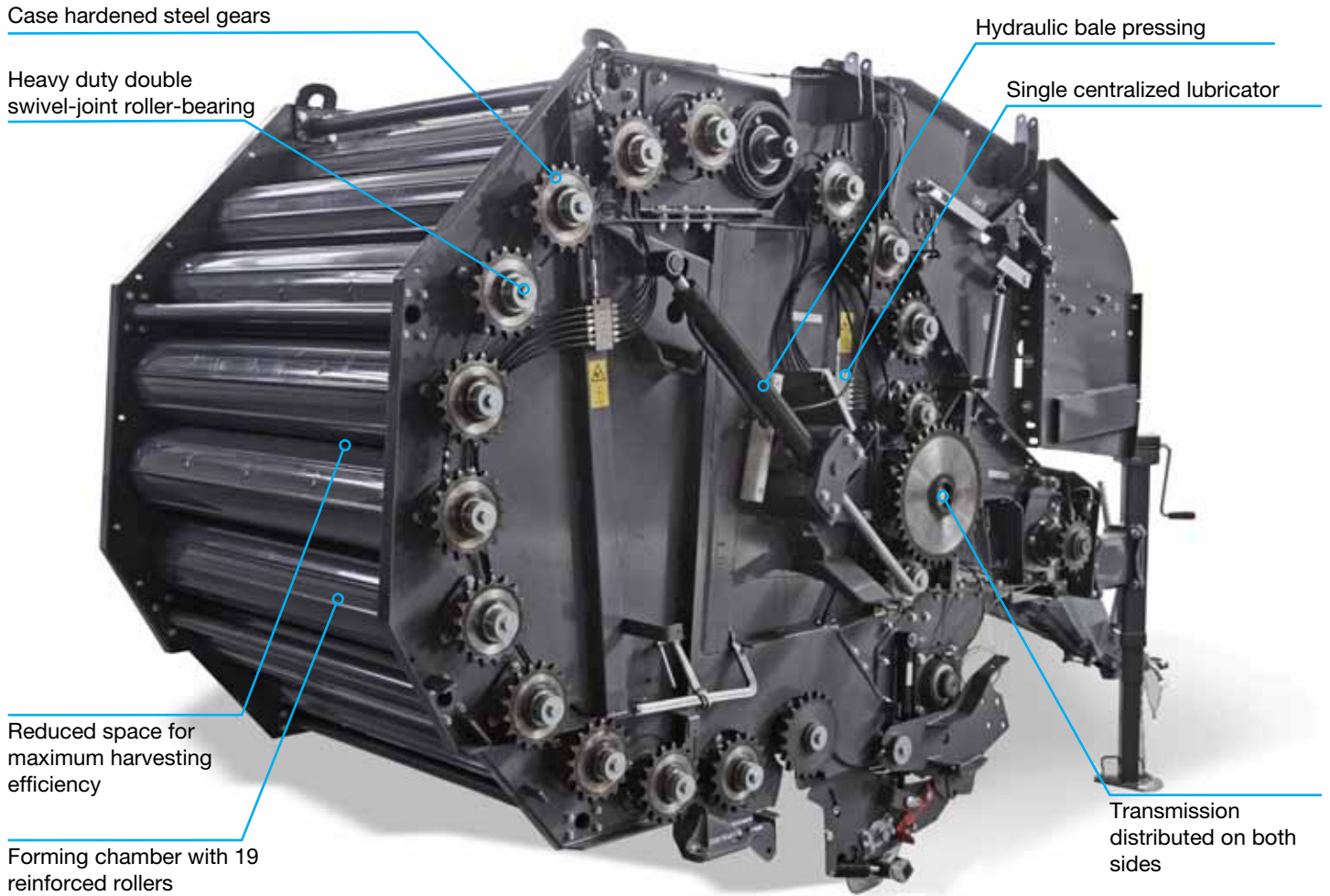
Operated by the operator without having to descend from the tractor, promoting a rapid return to work. Expanding the feed channel and allowing the excess product flow, work can be normally resumed after a blockage.

HIGH EFFICIENCY PICK-UP

A special product conveying plate with a compression roller, maximizes the effectiveness with minimal blockage. Hydraulic floatation with chain travel stop and cam sliding bearing with double ball race.



Created for heavy duty work



ROBUSTNESS

The forming chamber in the Mondiale and Trotter models comprises 17 reinforced rollers for the 110 CUT and 19 for the 120 PRO, allowing the formation of 1000x1100 mm diameter bales for 110 CUT (1220 x 1250 mm for 120 PRO). Each roller features a particular profile to ensure the best traction in any condition and with any product, including prunings.



Model		ENTRY	TROTTER	MONDIALE 110	MONDIALE 120 PRO
Bale diameter	mm	1200-1500	1250	1100	1200
Pick up	cm	150 (200 opt)	200 (220 opt)	150	220
Knives	No.	-	TOPCUT 13 ULTRACUT 25	10	25
Binding		Twine/net	Twine/net	Mesh	net/film
PTO	rpm	540	540	540	540
Weight	Kg	1900-2200	3000-3500	2250	3500-4000
Power requirement	HP	40-70	50-100	70-110	100-150

Variable chamber balers



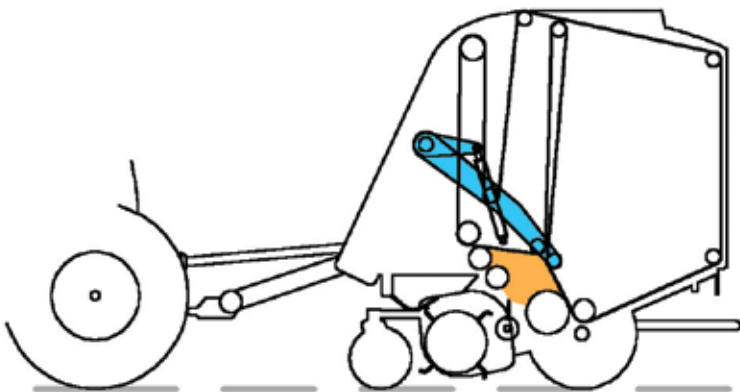
EXTREME 265 LTI

PRESSING METHODS

Extreme 265 LTI exerts a constant pressure from the core to the surface: the value can be easily set by the control unit in the tractor cab. The bale obtained in this way is noted for its "soft core" with selectable diameters from 0 to 120 cm.

FOR YOUR EVERY NEED

Thanks to the equaliser system it is possible to set the final size of the bale starting from a diameter of 50 cm up to 165 cm. The system can be controlled by an electronic control unit and allows to set the desired size from the cab.



Ø FROM 50 cm TO 165 cm

Extreme adaptability



EXTREME 265 LTI

Variable chamber round baler to form bales from 50 to 165 cm in diameter, through an equaliser directly adjustable from the in-cab monitor.

The robust structure and belt chamber allow the collection of both green and dry products. The pressure of the soft core that can be set from the monitor (0 to 120 cm) allows to obtain bales of the desired weight and consistency. The extensive pick-up quickly and carefully collects the product even in more voluminous swaths, allowing to maintain a constant working speed.



Model		EXTREME LTC-LTI-LTR
Bale diameter	mm	500-1650
Pick up	cm	200(220 opt)
Knives	No.	13 (vers. LTC)
Binding	type	twine-net
PTO	rpm	540
Weight	Kg	2600-3000
Power requirement	HP	90-150

Variable geometry: how it works?



MADE IN MASCHIO FIENAGIONE

Maximum professionalism thanks to the variable geometry technology, which allows to change the pressure of the bale based on the product and level of humidity. A system with 2 equalisers allows to automatically vary the pressure during bale formation based on the size increase. During the harvest of noble products, the pressure of the forming chamber can be set to zero allowing the product to enter in bulk, with the classic star formation.

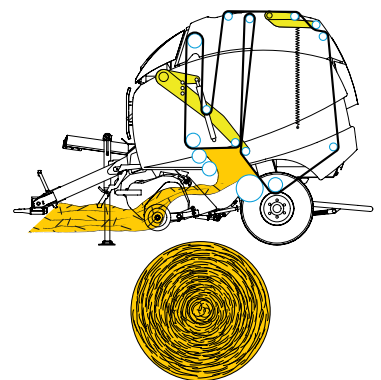
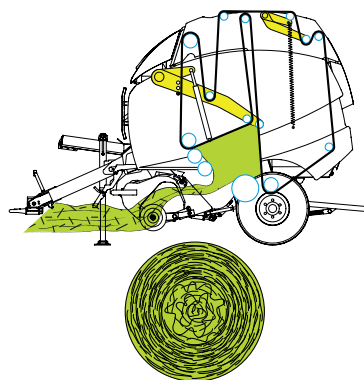
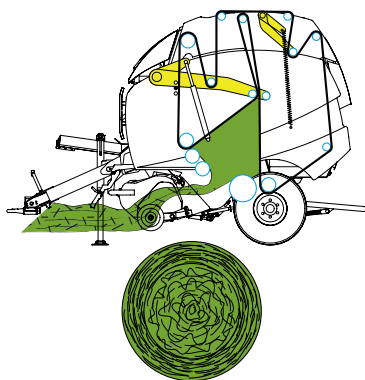


60% - 40%

25% - 20%

20% - 15%

15% - 10%

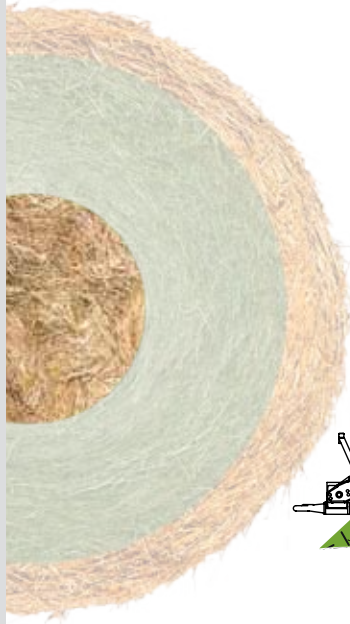


We care about your product

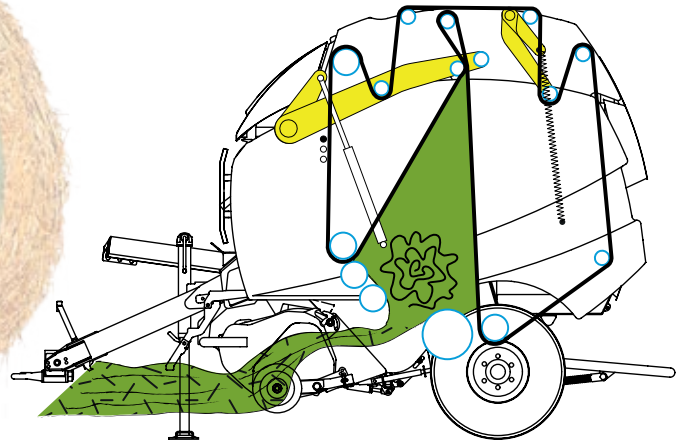
SOFT CORE

Thanks to the patented double equaliser system, it is possible to set the formation of the soft core, i.e. zero pressure on the product (0 bar), for a reduced accumulation with the creation of the classic star formation, up to a diameter of 90 cm (version 365). Ideal for the harvest of more delicate noble products, which require more attention in the processing stages.

Soft core Ø 0-90 cm = 0 Bar



**FIXED PRE-CHAMBER UP TO 90 CM
TRUE STAR**



BETTER TO PRESS OR BETTER TO DRY? THE CHOICE IS YOURS!

The ICON control unit allows up to 5 dedicated programs, modifiable by the operator, which allow to vary the pressure exerted during the formation of the bale. This is a very important tool in the farmer's hands, that by considering the moisture content of the product and the subsequent type of storage, can choose the optimum program.



Up to 5 dedicated programs



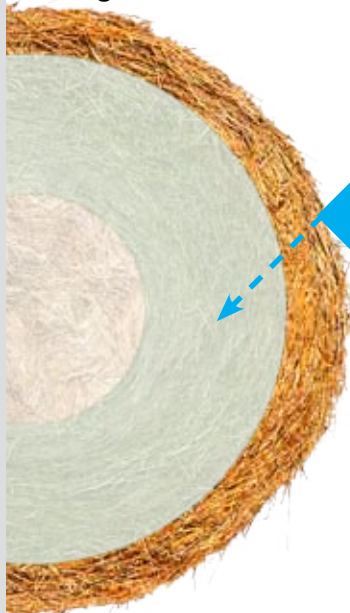
MAXIMUM CARE OF NOBLE PRODUCTS



HYDRAULIC BALING

The variable geometry system allows to vary the pressure exerted during the formation of the bale. Thanks to the endless belts and a maximum pressure of 210 bar (version 365) heavy weight bales can be made even with very dry products.

Baling Ø 50-165 cm = 60-210 Bar



HARD EXTERIOR

Preset exterior at 210 bar

- Reduced air penetration
- Longer storage time
- Better product health
- Increased palatability of the forage
- Optimal solidity of the bale
- Functional with both dry and wet product
- Setting available for ant bale diameter

O₂ H₂O

Chamber and variable geometry



365 HTC

FEED SYSTEM

HT-HTI: Reciprocating packer



Ideal for chopped straw, short and dry, or to gather without damaging delicate, short and brittle fodder.

HTR: rotary feeder



Characterized by high rotating capacity, the rotor feeds the chamber continuously and quickly, allowing to maintain high feed rates even with large amounts of hay or straw. The rotor, fitted with spikes arranged with a double spiral, evenly distributes the product in the chamber.

HTC: rotary feeder with 13 knives



The knives give the harvested forage a length of 77 mm.

HTU: rotary feeder with 25 knives



The high number of knives allows the hay to be cut to a length of 45 mm.

Unmatched versatility



EXTREME 365

High performance and maximum attention in the pick-up of the product. These are the strong points of the Extreme 365, which thanks to the generous 2200 mm pick-up, the choice of rotors and the "Endless" belts ensures high performance. The twin boom system, for the management of the chamber and variable geometry, allows the collection of the product depends on the moisture, for optimum product storage.



Model		EXTREME SERIES 2		EXTREME SERIES 3	
		220-265-280 HT-HTR	220-265-280 HTC-HTU	365 HTI-HTR	365 HTC-HTU
Bale diameter	mm	500-1200-1650-1800	500-1200-1650-1800	500-1650	500-1650
Pick up	cm	200(220 opt)	200(220 opt)	220	220
Knives	No.	packer (HT) rotor (HTR)	13 (HTC) 25 (HTU)	packer (HTI) rotor (HTR)	13 (HTC) 25 (HTU)
Binding		twine-net	twine-net	Mesh	Mesh
PTO	rpm	540	540	540	540
Weight	Kg	HT 2350-2750 HTR2720-3120	HTC 2750-3150 HTU 2850-3250	HT 3000 HTR 3200	HTC 3300 HTU 3400
Power requirement	HP	60-120	70-150	100-180	100-180

Combine balers



DUETTO 125

GENTLE WITH THE PRODUCT

Thanks to the ample pick-up and the reciprocating feed system, the collection of the product is always delicate, both according to the type of product as well as its level of humidity. The fixed roller chamber allows you to press the product without excessive mistreatment, reducing normal losses.

ALL IN A SINGLE PASS

The combination allows to fulfil both the collection process as well as the wrapping without stopping, thereby reducing operating times considerably. The management of the operations takes place from the tractor cab, where both the functions of the round baler (pick-up, pressing, binding, and discharge) and the wrapper (number of revolutions, rotational speed, discharge) can be managed.



360° quality



DUETTO 125

Ideal for the harvest of green products (ryegrass and alfalfa), the product is sized, packed and wrapped in a single operation, preventing the bale from being contaminated by contact with the ground and by adverse weather conditions.

The single pass in the field reduces the soil trampling, working time and fuel consumption.

The round baler is equipped with a delicate wrapper that wraps the bale in a plastic film protecting it from contact with the air and external agents. In this way stops any aerobic fermentation is halted, for an optimal preservation of the product even with high humidity.



Model		DUETTO 125	MONDIALE COMBI
Bale diameter	mm	1200	1200
Pick up	cm	220	220
Knives	No.	25	25
Binding		net/film	net/film
PTO	rpm	540	540
Weight	Kg	3500	4000
Power requirement	HP	100-150	100-150

Wrappers



HIGH-PERFORMANCE

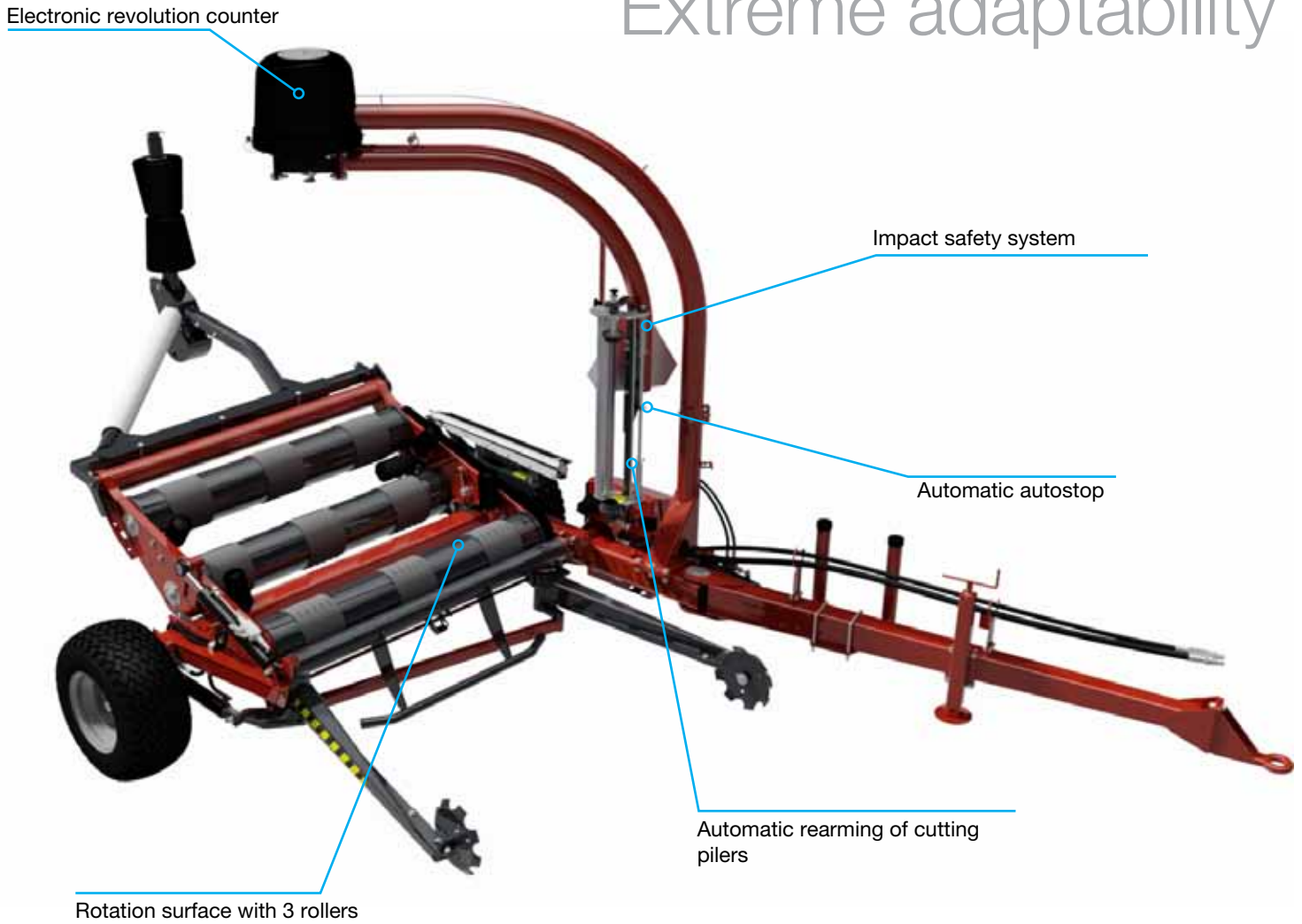
The two film wrappers work in sync allowing to reduce the wrapping time. The pre-tensioning system of the film ensures very compact and adherent wrapping so as to eliminate possible air bubbles.

EVERYTHING UNDER CONTROL

Maximum stability thanks to the 3 roller wrapping platform, which ensures an ample support surface, avoiding the deformation of the bale. The very robust rolling system of the bale allows to rotate the bale steadily and without jerking, even with heavy loads.



Extreme adaptability



FP

Compact and practical, the FP version of the Maschio Fienagione wrapper range ensures optimum performance and maximum ease of use. The models are available with manual, semi-automatic and automatic management, with the possibility of single or double wrapping arm. Thanks to the loading and wrapping system with support wheels, FP can also be combined with low-power tractors.



Model		FP 35	FT 45	FTA 55
Chassis		Mounted	Trailed - lateral	Towed
Overall dimensions	M	2,5 x 1,85	2,6 x 2,05	4,2 x 2,5
Bale diameter	cm	120-140	120-140	100-140
Wrapping arm/Roll dimension	n°x mm	1x 750	1x 750	1 x 750
Oil flow-rate/max pressure	l/min -Bar	20-45	15-45	15-45
Maximum bale lifting capacity	Kg	1000	1000	1200
Tractor power	HP	60-90	60-90	60-90
Weight	Kg	850	750	850

Square balers



GREAT PERFORMANCES, LONG LASTING

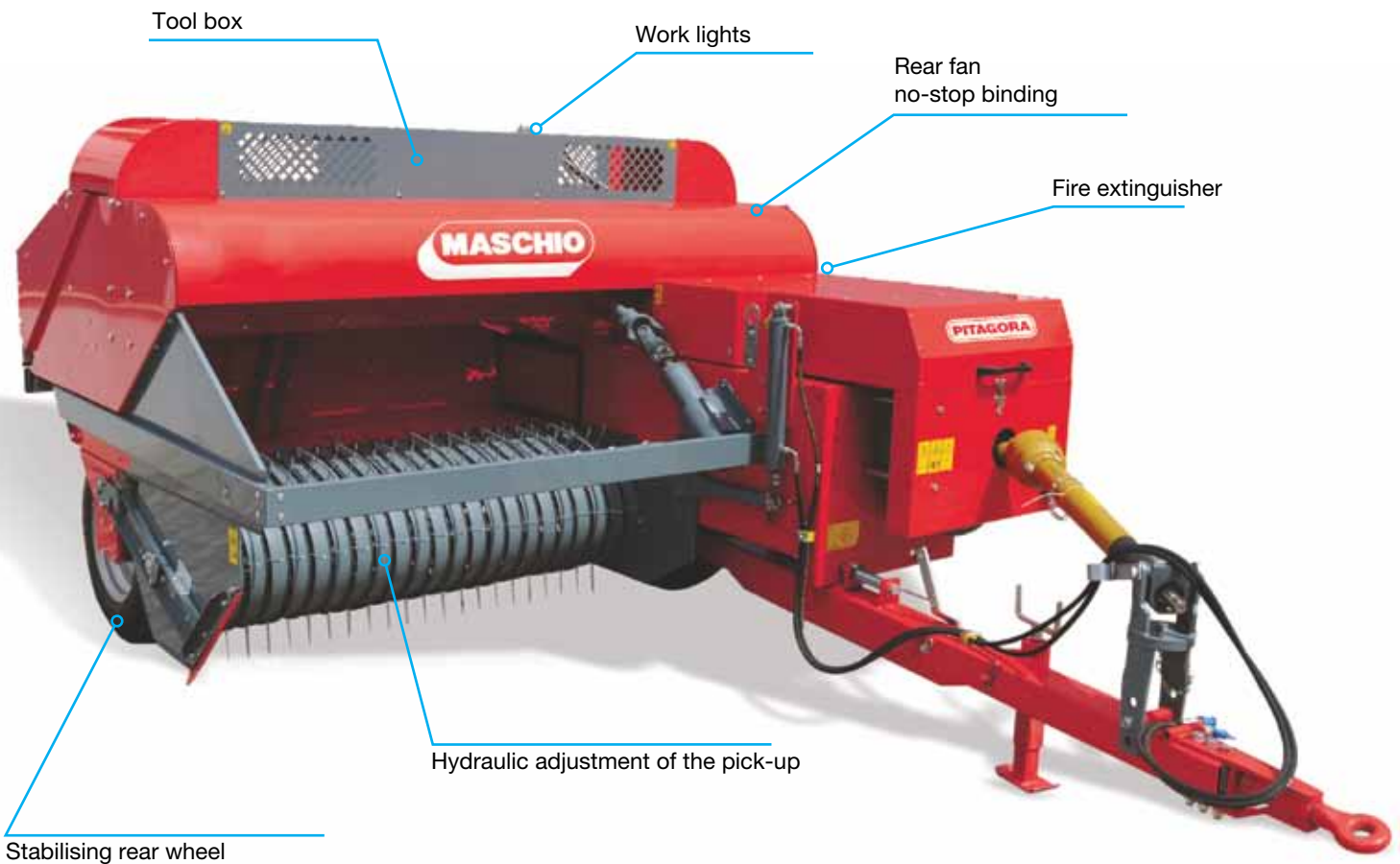
All solutions were designed to give maximum reliability, a reduced need for maintenance and a long operational life of the machine. A ventilation system keeps the binding system clean at all times to ensure a perfect result.

PICK-UP AND SHRED

The hydraulically adjustable pick-up allows to harvest all of the product without waste, while the shredder chops the straw. The independently adjustable third rear wheel prevents the pick-up collecting from the ground in case of depressions.



Extreme adaptability



PITAGORA

With its proven technology, Pitagora bales the forage ideal for ruminants and especially for horses. Not damaging the stems, Pitagora can pass without "making dust", achieving high-density bales, ideal for straw or fodder. The size (or length) is adjustable, to facilitate handling and storage.



Model		PITAGORA	ARCHIMEDE
Bale dimensions	cm	36x46	36x46
Pick-up width	mm	1420 - 1630 (Large)	1420 - 1630 (Large)
Max. bale weight	Kg	50	50
Binders	No.	2	3
Straw shredder		-	YES
Weight	Kg	1880-1960	2400-2580
Tractor power	HP	60-70	70-80

Crop chopper loaders



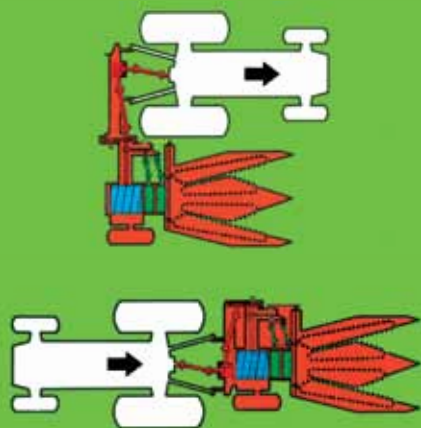
SCORPIONE 976

DUAL POSITION

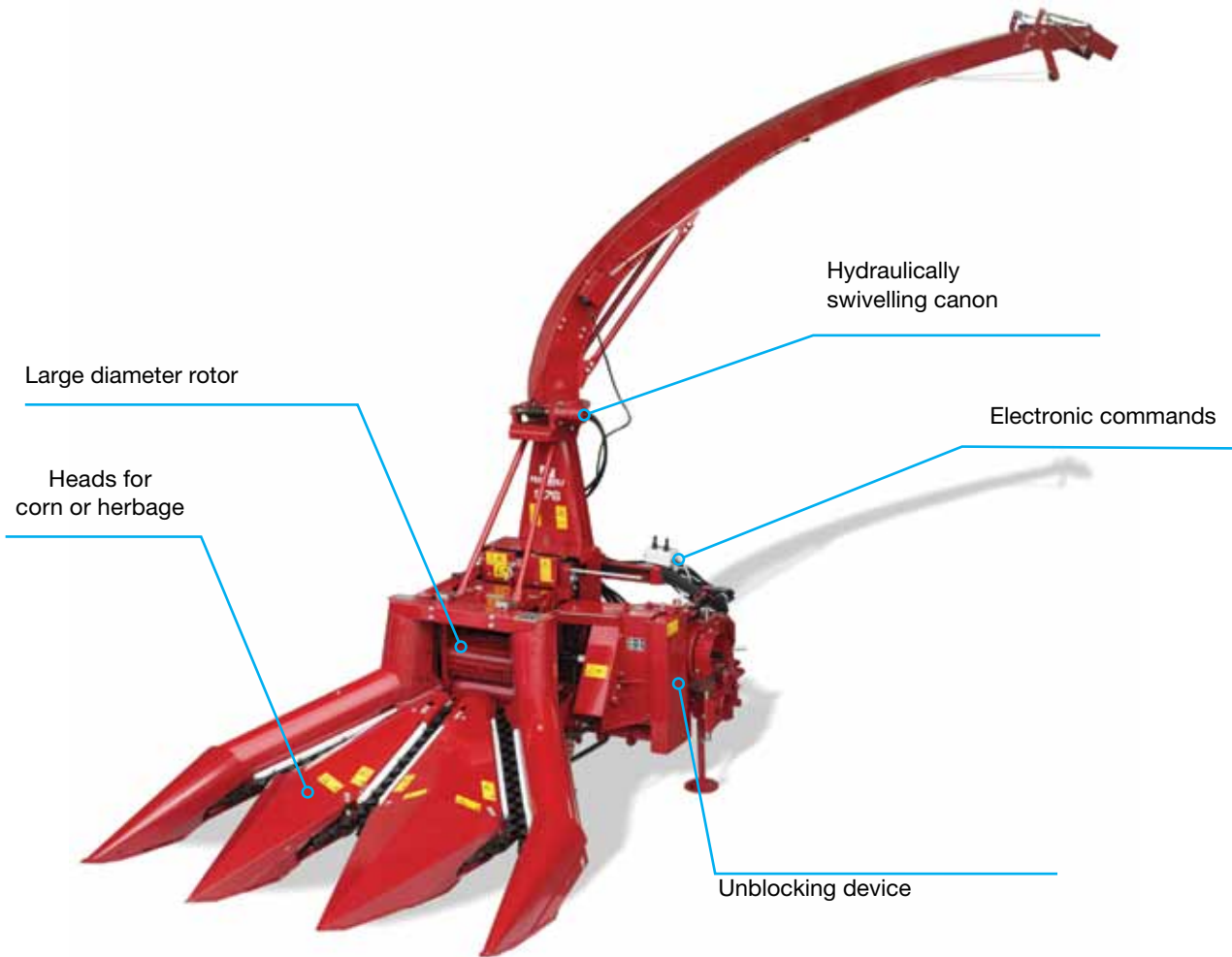
The dual position system allows to work in lateral or reversible mode. The latter is the more favourable when in combination with tractors equipped with swivelling driver's seat or as track opener in the field to be chopped.

UNIFORM HARVEST

The double chain transport system and the counter-rotating blade perform a clean cut and transfer the plant to the rotor in a fluid and effective manner. The large diameter toothed rotor performs the initial plant crushing operation.



Competitive



SCORPIONE 976

Can be used both laterally and in reverse, equipped as standard with spout orientation, decentralized hydraulic transom and remote controlled reverse shuttle, for ease of use from the driver's cab. Large size collection devices such as the 3 row corn head, the 1.65 meter pick-up and the mowing bar of 2.20 meters.



Model		SCORPIONE 343	SCORPIONE 946	SCORPIONE 976
Head rows	No.	1	2	3
Rotor diameter	mm	500	500	500
Knives	No.	8-12	8	8-12
Feed system		-	4 rollers	4 rollers
Discharge adjustment		hydraulic	hydraulic 360°	hydraulic 360°
RPM	RPM	540	540-1000	540-1000
Tractor power	HP	50÷100	85÷120	110÷160

HAY MOWING



DEBORA PRO F 300 GM

Designed and built to operate anywhere, on flat land as well as in the presence of hills and hollows. Because the quality of your fodder is determined when cutting also: Maschio Fienagione technology make it possible to faithfully follow the contours of the field, avoiding hazardous contamination of the product and minimising, thanks to the many adjustments of the conditioning group, the ground drying time.



DEBORA PRO T 300 GM

Blade mowers



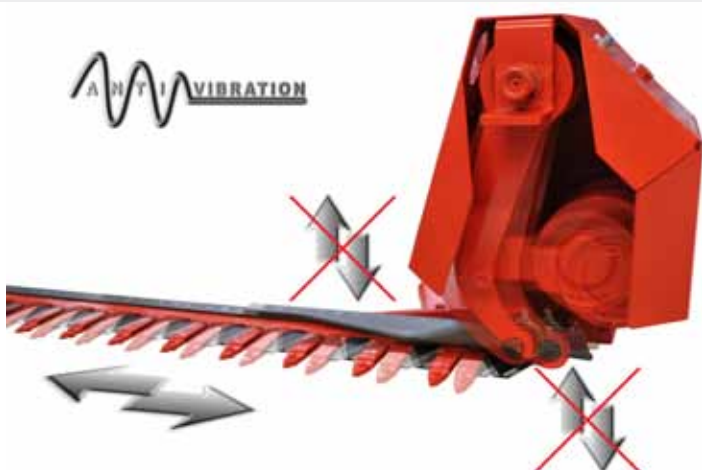
FIORE 205

ANTI VIBRATION SYSTEM

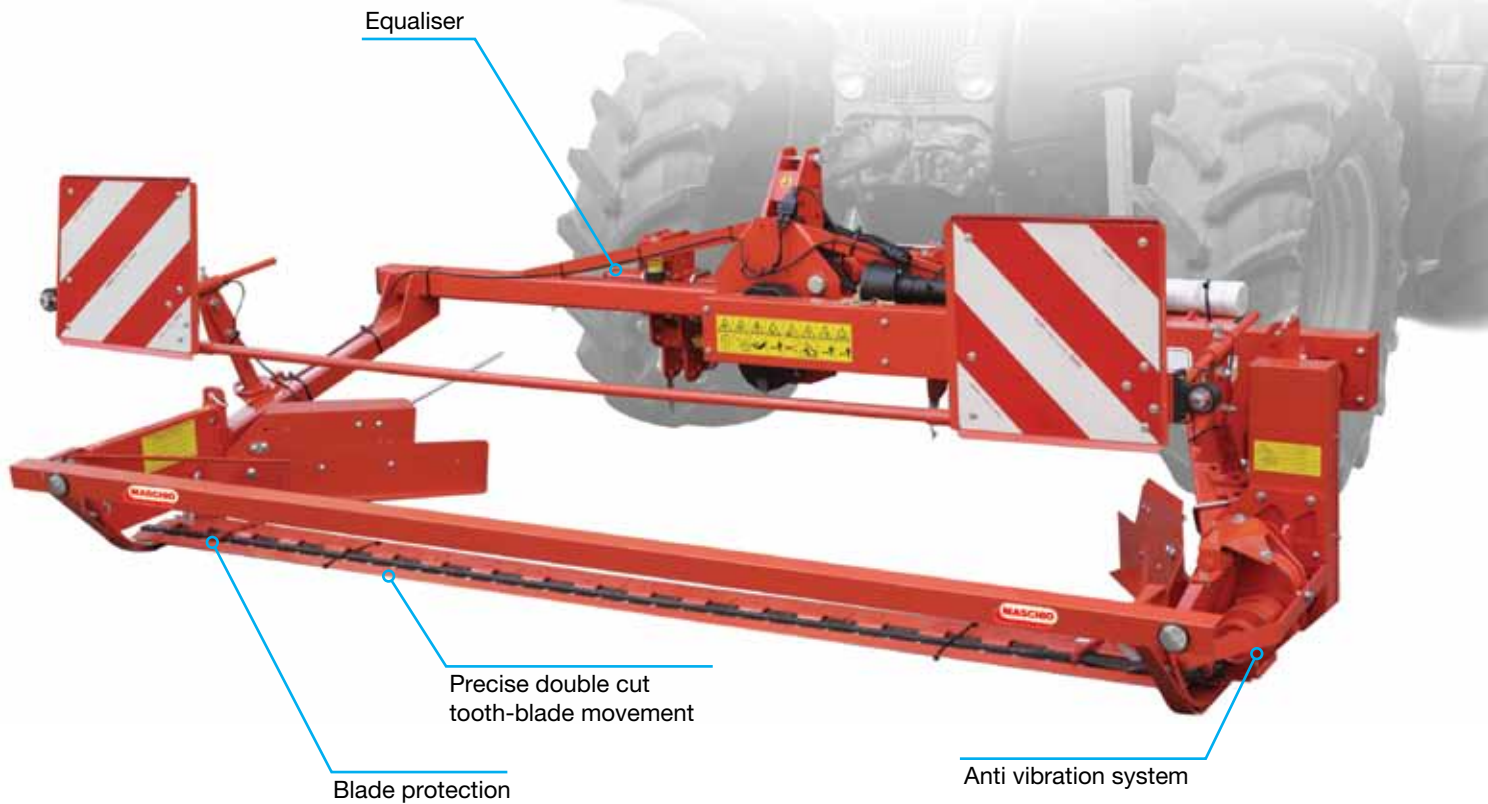
Kinematic mechanism fitted with vibration damping connecting rods which, by absorbing all vibrations and play, prolongs the life of the said connecting rods and of the cutting blades, conferring high performance at low cost to the whole machine.

PASSIVE SAFETY

In the event accidental impact to the bar during cutting, an automatic safety system retracts the blade without damaging it. An easy coupling operation enables to resume work quickly.



Our ever green



FRANCA

Franca is a special version designed for tractors with front coupling. The floating system enables to work on steep slopes. A side mower can also be combined on the rear to increase the working width, optimizing the hourly productivity.



Model		FIORE	FRANCA
Cutting width	cm	145-175-205-235	205-235-280
PTO	rpm	540	540 - 1000 opt
Weight	Kg	222÷246	265÷400
Hydraulic lifting		opt	opt
Anti-vibration device		as standard	as standard
Safety system		as standard	as standard
Tractor power	HP	25-70	25-70

Side mowers



DEBORA PRO 260 GM

QUICK RELEASE

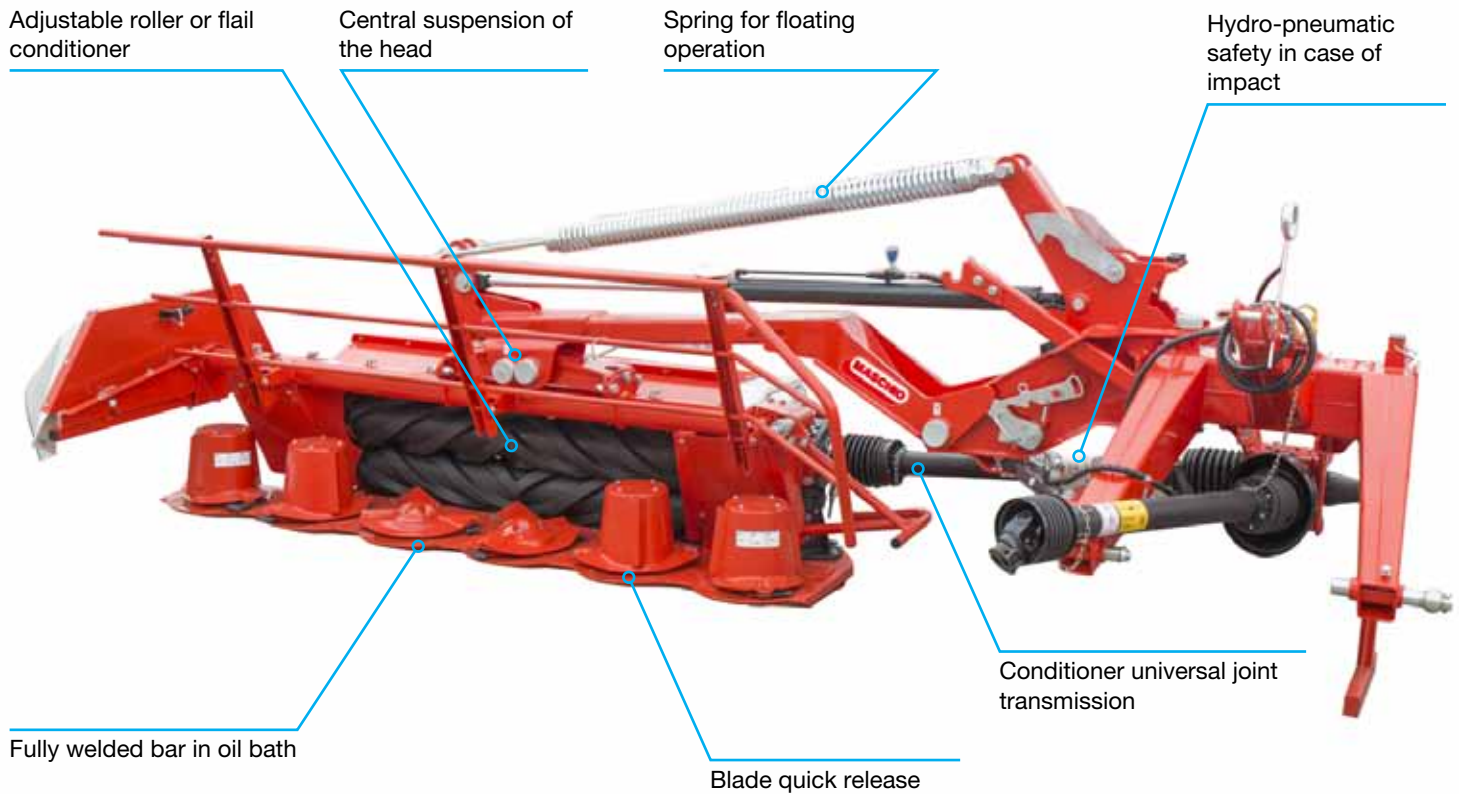
Thanks to the practical and fast replacement system of the cutting blades, time for repairs is reduced and mowing operations can be quickly resume again. The inclination given to each blade guarantees a clean cut even when harvesting flattened crops.

PERFECTCUT

Maximum cutting performance thanks to the PerfectCut bar. The sturdy structure of the box and the direct drive gear-gear transmission system ensure reliability in every working condition and performance for working widths up to 260 cm.



For every need



DEBORA H PRO

Debora Pro ensures maximum freedom of movement to the cutting head through the central suspension system, allowing to follow the slope of the ground with great precision. Available with roller conditioner as well as flails.



Model		TIZIANA	DEBORA	DEBORA PRO	DEBORA PRO H
Cutter bar		Drums	LiteCut	PerfectCut	PerfectCut
Cutting width	cm	185-210	200-240	260-300-340	260-300-340
Swathe width	cm	100-150	140-170	120-200	120-200
Rotors	No.	2-4	5-6	6-7-8	6-7-8
Knives	No.	6-8	10-12	12-14-16	12-14-16
Weight	Kg	455-555	445-490	725-785-825	940-1020-1120
Tractor power	HP	60-70	30-45	70-90	70-100

Combined hay mowers

DEBORA PRO F 300 GM



MAXIMUM MANOEUVRABILITY

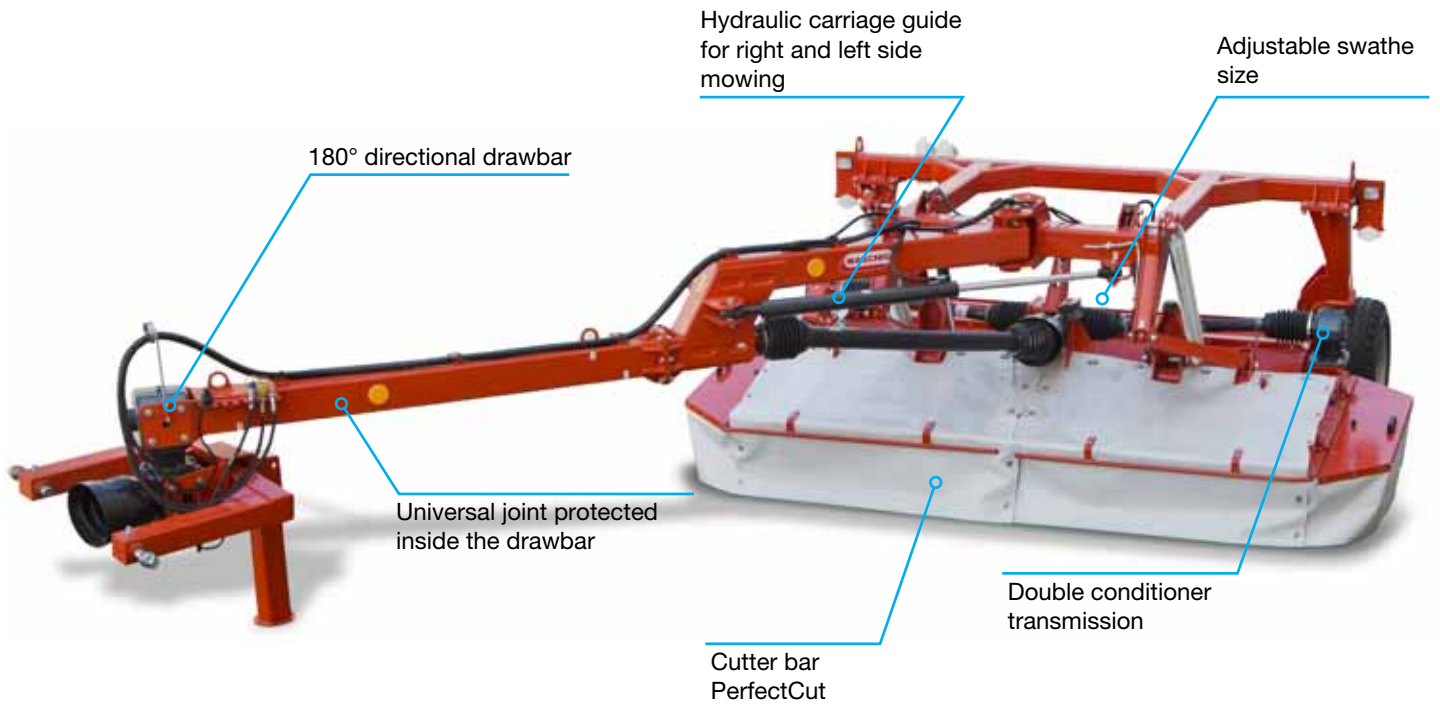
The central drawbar system, adjustable on both sides, allows to direct the cutter bar in the desired direction. The suspension system keeps the bar very light and sensitive on the ground, allowing it to accurately follow the contours of the ground, even at high speed.

ROLLER CONDITIONER

Thanks to the direct drive transmission system of each individual roller, the pressing of the product is always energetic and allows mowing of large volumes without blockage. Both the pressure and the distance between the rollers are adjustable for an efficient pressing of the product based on the crop requirements: features that make Debora Pro an ideal tool for working the noble products.



Multiple combinations



DEBORA PRO T

The towed disc mowers Debora Pro T deliver maximum mowing performance, combining concepts of comfort and reliability. The transmission integrated in the drawbar and the central linkage make it possible to direct the bar directly from the tractor.



Model		TIZIANA PRO F	DEBORA PRO F	DEBORA PRO COMBI I	DEBORA PRO T
Chassis		Front	Front	Rear	Towed 180°
Cutter bar		Drums	PerfectCut	PerfectCut	PerfectCut
Cutting width	cm	265-300	300-340	860-940	300-340
Swathe width	cm	120-180	130-180	190-230-270	100-200
Rotors	No.	3-4	7-8	14-16	7-8
Weight	Kg	740-860	940-1020	2125-2290	1910-2100
Tractor power	HP	80÷90	80÷110	130÷160	90÷110

HAY CONDITIONING

GOLIA PRO 2 680



The latest generation of Maschio Fienagione swathers are able to maintain clean, without stones or earth, high quality and nutritional fodder. The sturdiness of the frames and quality solutions allow to work with great professionalism in all conditions. The swaths obtained are also regular and well-aerated, facilitating the subsequent recollection with the baler.



Hay tedders



ELIA PRO 770

WHEELS

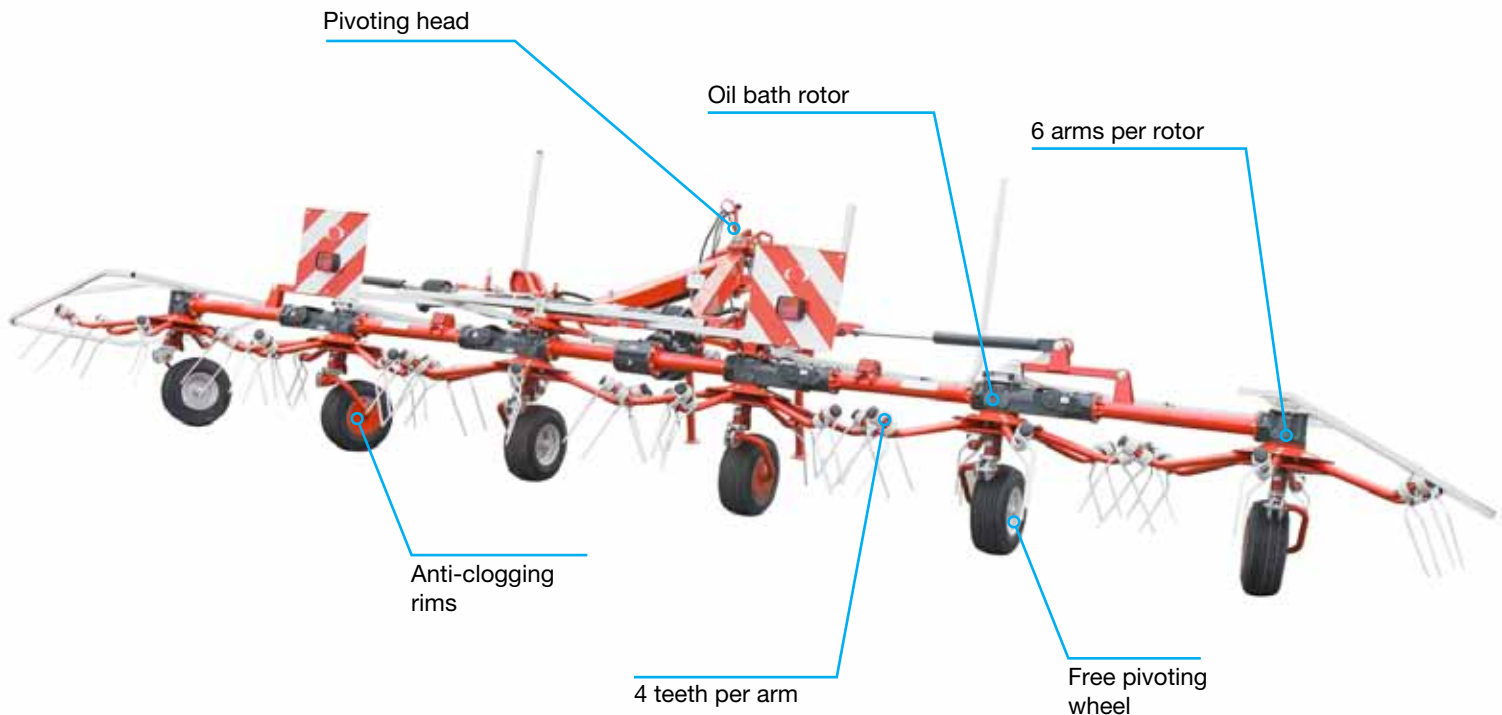
The full shape of the rim prevents the product from clogging.
The pin height and tilt adjustment of the wheels ensures maximum quality in operations.

ROBUSTNESS

The hermetic and compact design of all rotors require no maintenance thanks to oil bath. The universal joint transmission ensures a perfect operation of the individual rotors.
Each rotor runs on an independent wheel to follow the unevenness of the ground.



For noble products



ELIA PRO

Efficiency, quality and reliability, these are the concepts of the Elia Pro hay tedder. The ground clearance and rotor tilt adjustment allow to turn the product with speed and quality even on rough ground. Available with widths from 5.3 m (4 rotors) to 7.7 m (6 rotors).



Model		ELIA PRO 4	ELIA PRO 6
Width	cm	530	650-770
Transport width	cm	300	300
Transport height	cm	270	340-370
Rotors	No.	4	6
Rotor lubrication		Oil bath	Oil bath
Weight	Kg	680	915-945
Tractor power	HP	40-50	50-60

Single rotor swathers



FULL OPTIONAL

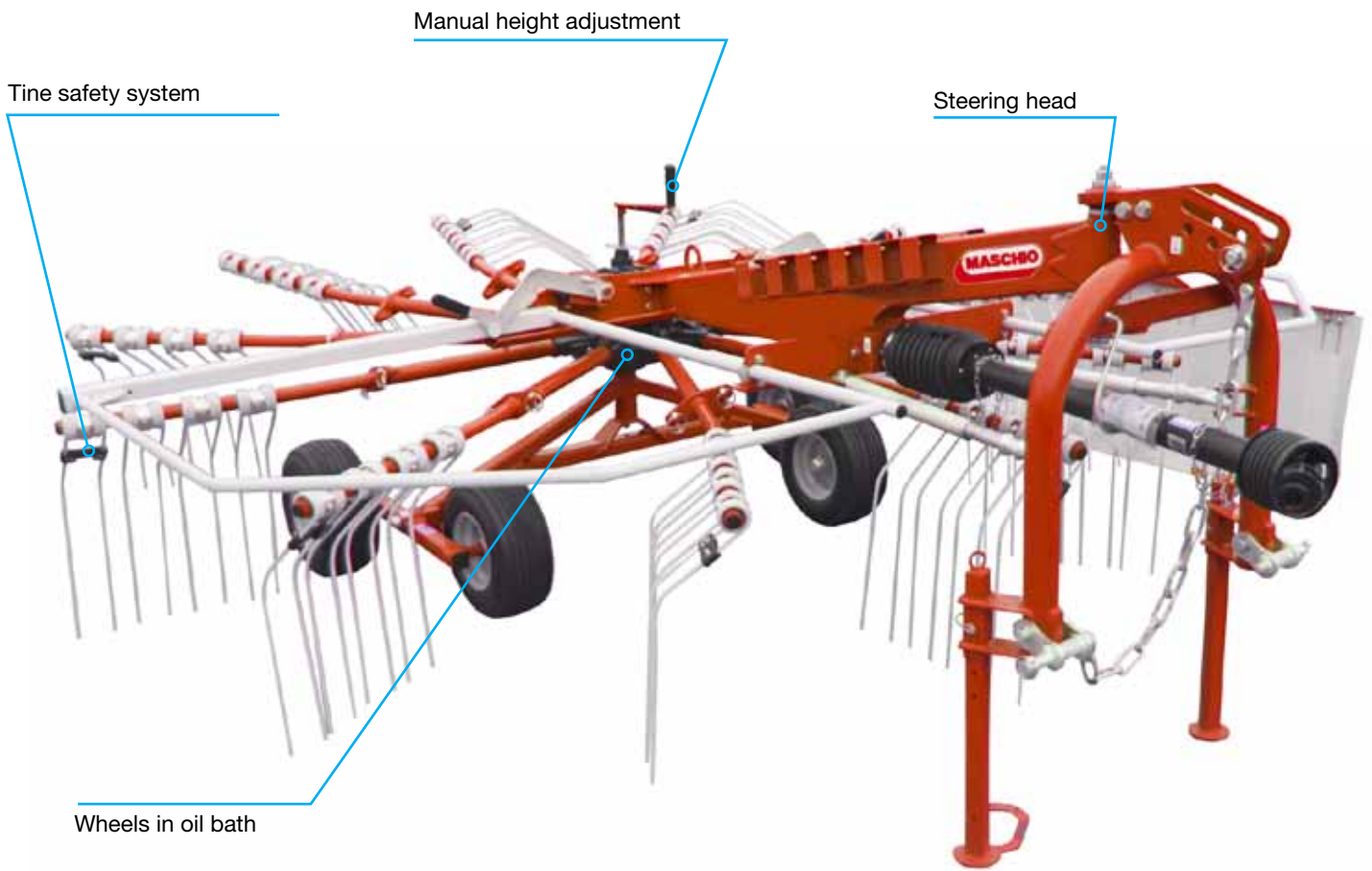
Version 350 available with articulated head, shock absorbers and the new tandem axle for maximum working quality even in the most difficult conditions.

ROTOR

Oil bath gearbox lubrication, to work always at peak performance without having to worry about the correct lubrication of the rotors.



Uniform drying



GOLIA PRO

The Golia Pro swathers impress both for stability and for efficiency, thanks to the rotor in oil bath which eliminates maintenance operations, ensuring maximum performance at all times. The manual height adjustment is precise and quick, allowing a delicate and light collection of the product. The detachment of the arms for transport is simple and immediate.

The tandem version is available for uneven and rough ground for precise collection.



Model		GOLIA PRO
Width	cm	300-350-410-440-470
Transport width	cm	150-151-190-210-230
Swathe width	cm	80-150
Arms	No.	8-9-11-11-13
Support wheels	No.	4-5
Weight	Kg	310-340-590-740-820
Tractor power	HP	20-50

Rotary swathers with two rotors



GOLIA PRO 2 680

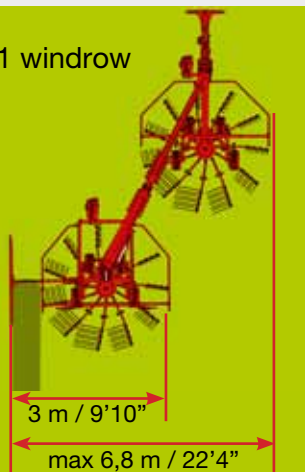
MAXIMUM VERSATILITY

Golia Pro 2, thanks to the second hydraulically directional rotor, allows to perform either two separate swaths (in the presence of excessive product), or a single central swath (which become 4 depending on direction of the return passage).

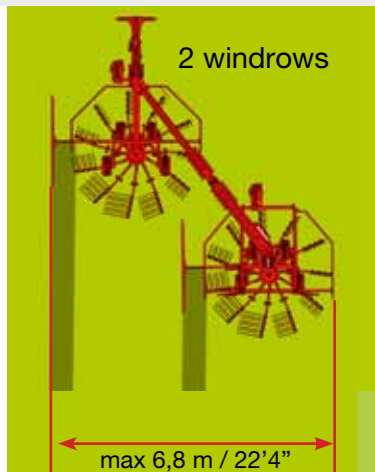
PERFECT GATHERING

For a precise collection even in uneven conditions, each rotor can be mounted with a drive wheel which, in addition to the pair of pivoting wheels, guarantees a precise interpretation of the ground.

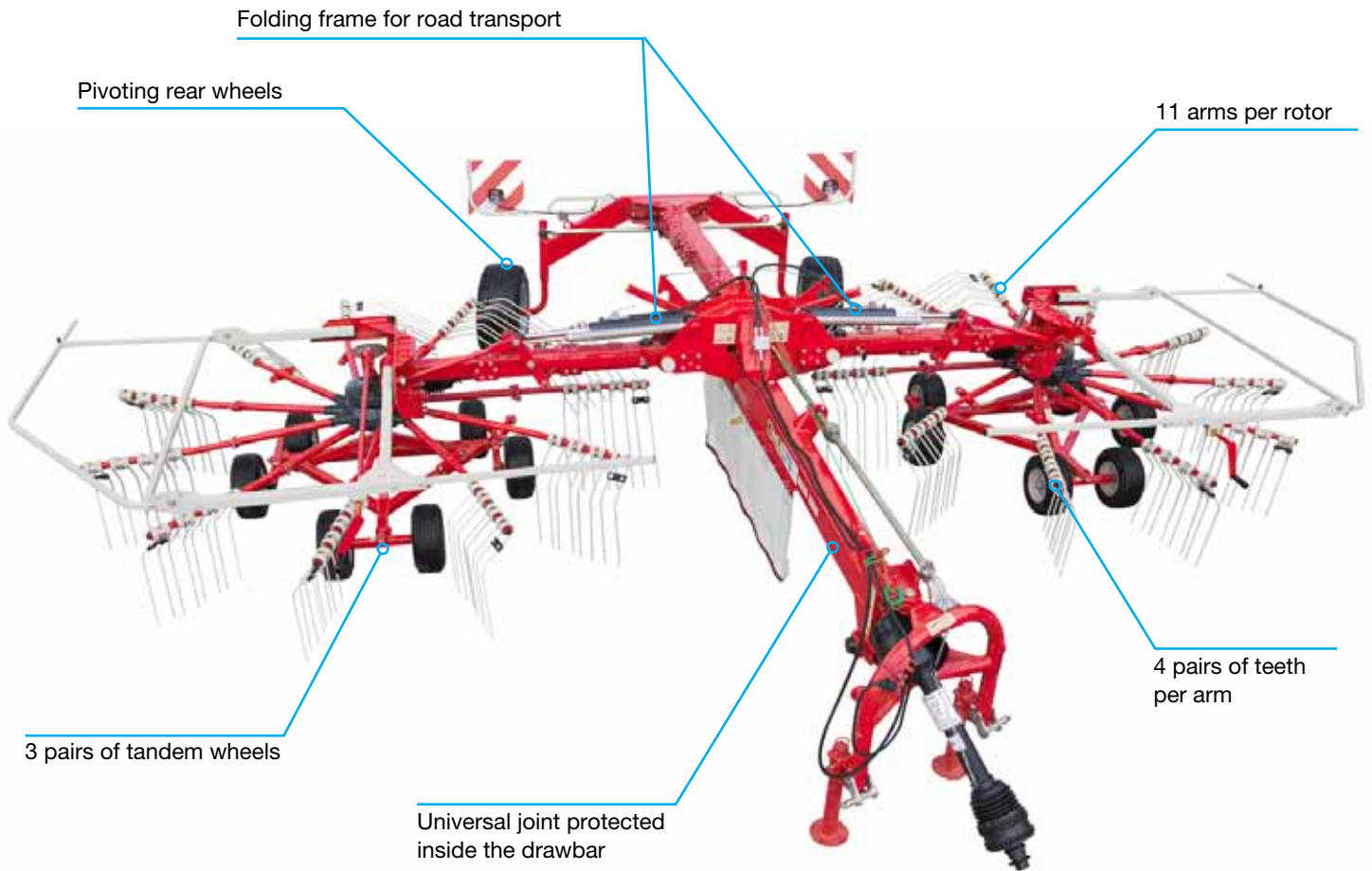
1 windrow



2 windrows



Reduces time



GOLIA PRO 2

Designed to reduce harvesting times for large farms, Golia 2 Pro has an adjustable working capacity from 7.2 to 7.8 m. The 3 pairs of tandem wheels allow to accurately follow ground contours, ensuring a quality harvest, thanks to the 4 combs per arm that gently carry the product in the central swathe.



Model		GOLIA PRO 2	GOLIA PRO 2 C	GOLIA PRO H
Width	cm	680	780 -840	730
Transport width	cm	180	290	300
Swathe width	cm	2x(80÷150) - 1 (100÷250)	1x(150-200)	2x(80÷150)
No. of arms/rotors	No./rotor	11	11	11
Support wheels/rotor	No./rotor	4÷5	6	6
Weight	Kg	1720	2040-2330	2450
Tractor power	HP	60	60-80	60



Growing Together