

GASPARDO

NINA S MARIA MEGA PINA PINTA PRIMAVERA SCATENATA



CEREAL SEED DRILL RANGE

Get the best from your fields with a complete range of accurate and reliable seed drills

CEREAL SEED DRILLS

A GOOD HARVEST BEGINS WITH A GOOD SEEDING

The Gaspardo cereal drills offer the right solution to the needs of each farmer: rigid or folding frame models, suitable for traditional or minimum tillage. The fine mechanical or pneumatic distribution systems and the wide seeding units choice, always guarantee a homogeneous investment and a uniform emergence for all crops.



MECHANICAL DISTRIBUTION MACHINES

TRADITIONAL TILLAGE



MOD.	WIDTH	HOPPER
NINA	250	410
	300	500
	400	650

MINIMUM TILLAGE



MOD.	WIDTH	HOPPER	SEED	FERT.
SC MARIA	250	460	260	200
	300	620	340	280
	360	903	492	411
	400	1050	570	480

LARGE ACREAGE FARMS



MOD.	WIDTH	HOPPER	SEED	FERT.
MEGA / METRO-MEGA	600	360	1260	900
	1200	720	2520	1800

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PNEUMATIC DISTRIBUTION MACHINES

TRADITIONAL TILLAGE



MOD.	WIDTH	HOPPER
PINA	400	800
	450	800
PINTA	400	1000
	450	1000
	500	1000
	600	1500

MINIMUM TILLAGE



MOD.	WIDTH	HOPPER
PRIMAVERA	400	1500
	450	1500
	500	1500
	600	1500

CONVERTIBLE SEED DRILLS



MOD.	WIDTH	HOPPER
SCATENATA	600	3000
DRILL BAR	500	1100
	600	1100

CEREAL SEED DRILLS



TRADITIONAL TILLAGE UNITS



SUFFOLK

Unit suitable on land prepared with traditional techniques and with scarce residues on surface.

This units, arranged on wide spaced rows, allow to avoid any soil clogging.



SINGLE DISC

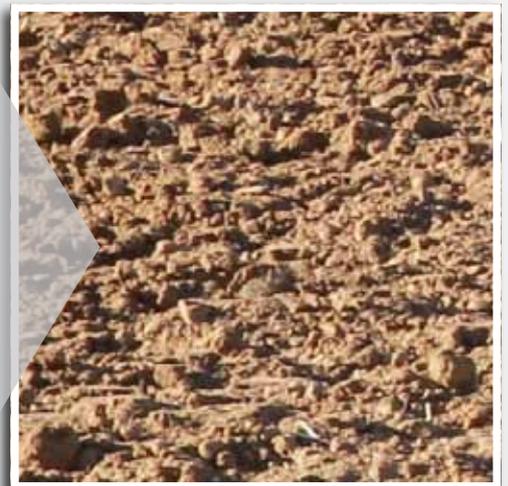
A universal match for very variable soil conditions, even with abundant crop residues.

The depth control is made by an adjustable limiter or a rubber wheel. The disc rotation prevents the straw tracking, while the special rotary rubber scraper always keep the disc clean even when working on muddy soil.



DISCO COREX

Element suitable for loose soils even with abundant residual. Thanks to the particular discs "lens" shape, the deposition of the seed occurs always at the same depth; avoiding excessive sinking or ground shifting.



MINIMUM TILLAGE UNITS



TINE

Suitable on coarse and tough/stony soils. The double coil spring movements allows planting in safety even on particularly uneven soils



SPRING TINE

Element suitable for coarse soils, persistent and/or stony with little residue. The adjustable load spring on each single unit allows to adapt to different seed-bed consistency, varying pressure on each individual coulter.



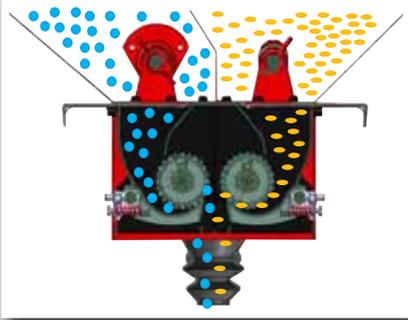
"HEAVY DUTY" DOUBLE DISC

double disc is suitable on min-till lands even with many crop residues on surface. Very aggressive on tough soil, it can be featured by a special double rubber wheel to improve soil reconsolidation and seed germination.



CEREAL SEED DRILLS

MECHANICAL DISTRIBUTION: EASY, STRONG & UNIFORM



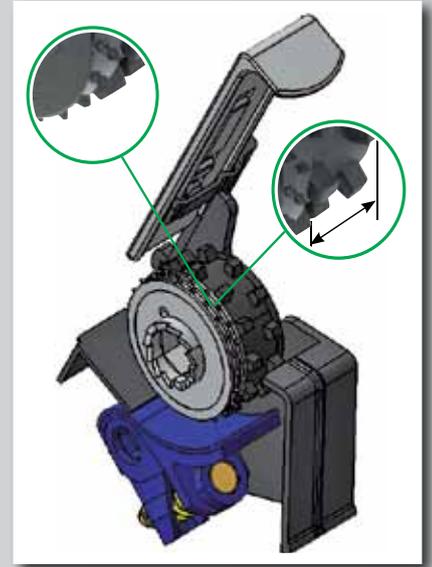
Seed & fertilizer distributors are made in plastic material to prevent any deformation or corrosion due to atmospheric and chemical agents. The seed distributor has a spring feeler which allows a delicate seed treatment to preserve at the best seed viability.



Our 3 cams gearbox makes the transmission of metering unit uniform and smooth. The use of ball bearings, confers greater resistance of the drive shafts. The lubrication system is an oil bath with inspection window. The calibration of the gearbox is fast and accurate.

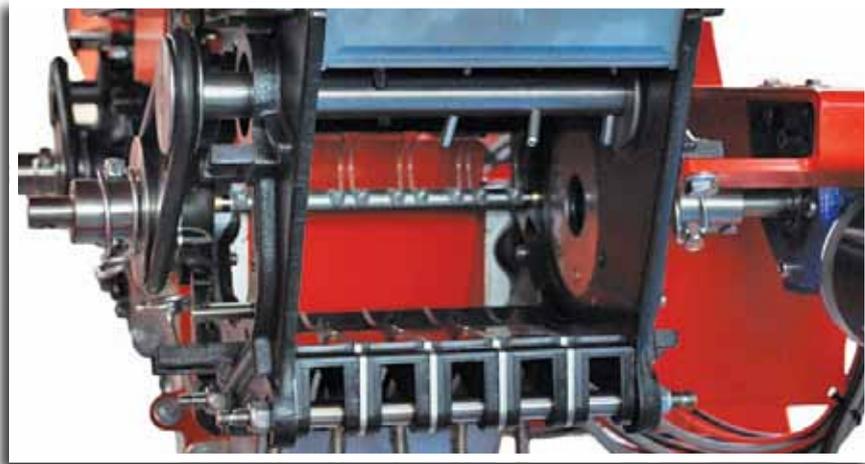


The seed distributor is composed by several elements to work at the best both with small seeds than with bigger seed. The contact spring feeler allows gentle seeds handling, while preserving the best vitality and the homogeneity of investment.



CEREAL SEED DRILLS

PNEUMATIC DISTRIBUTION: UNIFORMITY IN ANY CONDITION



THE RIGHT ROLLER FOR EACH CROP

The exclusive **GASPARDO** distributor always ensures a uniform and precise metering of seed: compared to other systems on the market it acts varying its revolution speed in proportion to the operating speed. Its drive can be dependent on a mechanical gearbox connected to a contact wheel or by an electric transmission (**GENIUS** and **GENIUS LITE** systems). The aluminium cast body and the roller plastic material guarantee durability and corrosion resistance.

Big diameter rollers allow to have a revolution speed reduced to guarantee an even distribution. The cells have a helical arrangement to avoid the effect of a “pulse” (handfuls of seed) ensuring a greater distribution uniformity. Many rollers are available depending on the type of seed.



G1000

Large quantity roller

For large rates per hectare or big sized seeds (up to 400 Kg / ha). Also available in special versions for rice and slope lands.



N500 - N250

Cereals roller

Ideal for sowing autumn cereals (N500: up to 200 kg / ha) or for drills operating at reduced speed (N250: up to 80-100 Kg / ha).



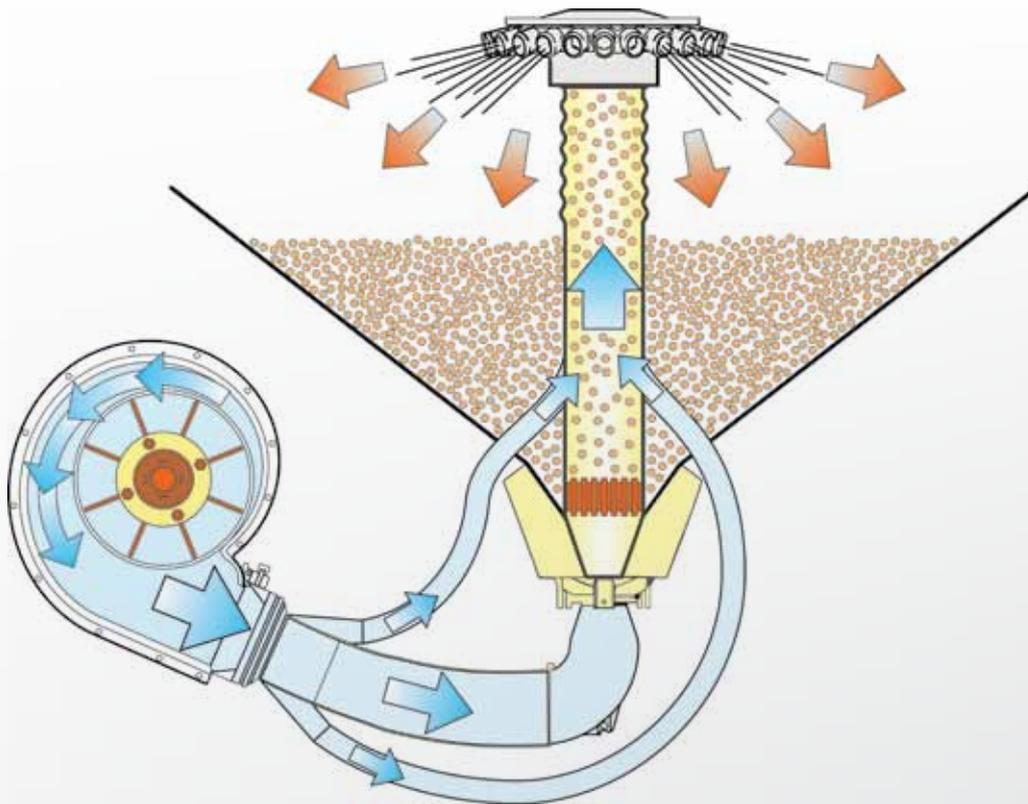
F25 - 125

Small seeds roller

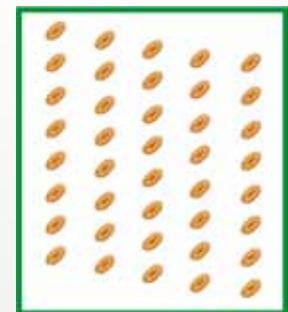
Thanks to the possibility to exclude sectors of the roller; even with low investment you can always have a homogeneous distribution

BY PASS: THE TURBO BOOSTED SEED DRILL!

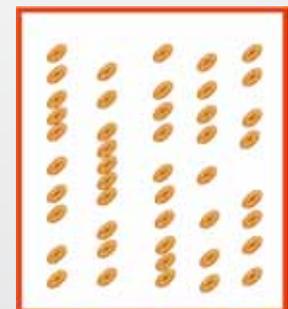
The exclusive “by-pass” patent creates high turbulence in the tube that carries the seed to the distribution header: this ensures distribution uniformity even in difficult conditions such as up-hill sowing or large volumes of seeds distribution with a high specific weight (eg. rice). The system is standard on the **PINTA** and **PRIMAVERA** models.



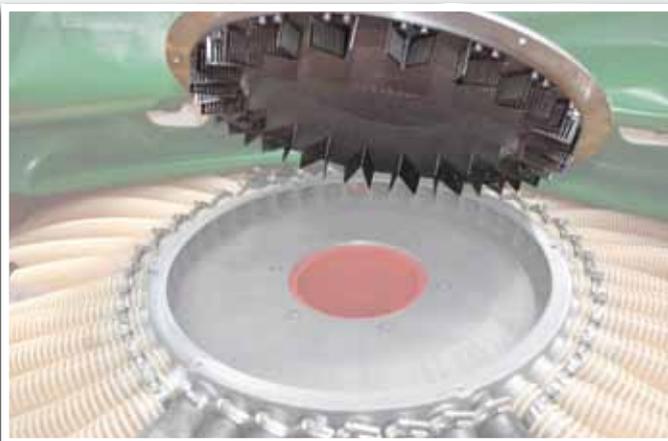
SEEDING RESULTS



WITH BY-PASS



WITHOUT BY-PASS



The reducers covers can be applied on the distribution header (33/16 - 36/18 - 40/20 - 48/24): they allow to double the seeding inter-row when needed.



The shutters exclude seeding from one or both wings of the seeding bar: the seed goes back into the hopper due to the opening of a trap door. This device is activated by an electric command in the cabin.

MECHANICAL SEED DRILLS FOR TILLED SOILS

NINA

SIMPLE AND ACCURATE



NINA is the rigid frame solution for the small to medium-sized farms which are looking for a lightweight machine, simple, reliable and with low maintenance. The units and the structure of the frame allow an easy working on seedbeds prepared with traditional techniques. The accurate 3 cam gearbox makes seeding rate calibration easy, quick and always uniform. The hopper is large and has a wide platform for inspection and loading as a standard. Due to the optional extension is possible to increase the already excellent working range by 50%. The tramline system and the hydraulic row markers, available upon demand, complete the already excellent features of the machine.



Hydraulic tensioning of centralized drill coulter bar.

Seed covering harrow with multiple adjustment.



Distributor row shut off device for tramline system with remote control

Light but firm



TECHNICAL FEATURES

Model		NINA 250	NINA 300	NINA 400
Working width	m	2,50	3,00	4,00
Transport width	m	2,55	3,00	4,00
Suffolk units number of row	n.	da 17 a 21	da 19 a 25	29 o 31
Corex disc units number of row	n.	da 17 a 21	da 19 a 25	29 o 33
Corex disc units number of row	n.	19 o 21	da 21 a 25	29 o 31
Minimum Row Spacing	cm	12	12	12
Maximum Row Spacing	cm	15	16	14
Maximum Row Spacing	l	400	500	650
Hopper capacity with extension	l	630	780	1050
Minimum power	HP/kW	60/44	70/51	90/66
Weight	kg	480	545	940
Wheels		6,50-15	6,50-15	10,50/75-16

*Machine weight with Suffolk units, 13 cm spacing

MINIMUM TILLAGE SEED DRILLS

S MARIA - SC MARIA

STRONG AND VERSATILE



S MARIA and **SC MARIA** are two models designed to drill on most difficult seedbeds, such as those prepared with the minimum tillage, particularly cloddy or stony. The sturdy frame and well-spaced ranks of units make them “heavy duty” machines suited to work on bad conditions and with a very low maintenance requirement. The **SC MARIA** version is equipped with a hopper split into two sectors for seed and fertilizer. Products are managed by two gearboxes independently operating and then distributed by the same pipe up into the units.



Heavy duty frame for coarse soils or minimum tillage. Maximum resistance to stress!



The units are arranged on 3 ranks to prevent soil or residue clogging. Each unit can express up to 50Kg of down-pressure thanks the robust spring load.



The trailed version is suitable for hilly lands or for tractors with limited lifting capacity.

Fearless



TECHNICAL FEATURES

Model		S\SC 250	S\SC 300	S\SC 360	400
Working width	m	2,50	3,00	3,60	4,00
Transport width	m	2,55	3,22	3,67	4,40
Tines version row number	n.	17 o 18	22 o 25	25 o 28	28
Double disc version row number	n.	17	22	25	28
Row spacing	cm	14,7-13,8	13,6-12,0	14-12,5	14,3-12,5
Seed hopper capacity	l	610/390	755/485	1275/815	1490/955
Fertilizer hopper capacity	l	- / 220	- / 270	- / 460	- / 535
Minimum power	HP/kW	70/52	90/66	100/74	120/88
Tines version weight*	kg	670/690	790/820	1000/1120	1230/1270
Double disc version weight*	kg	740 / 760	880 / 910	1200 / 1250	1230 / 1350
Wheels		6,00-16	6,00-16	10,00/75-16	10,00/75-16

*Machine weight with largest row spacing

MINIMUM TILLAGE SEED DRILLS

MEGA - METRO MEGA

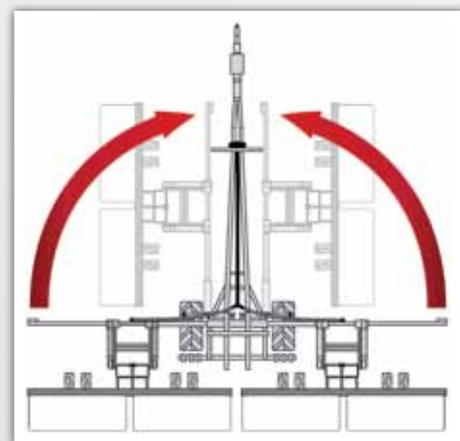
BIG SIZE FOR BIG SAVINGS



MEGA and **METRO-MEGA** are two models designed for oilseed rape and cereals on very large land extensions. Their structure is extremely simple and robust to deal with the hardest working conditions in all the most critical environmental. The double disc unit is a winning and a universal solution for all types of seedbeds, even the coarser ones with abundant residue of the previous crop. The standard double seed & fertilizer hopper has independent settings of the two products and helps to reduce the crop establishment costs, doing two operations in just one pass!



MEGA model is perfect for large extension on minimum tillage soils; working width 6 mt.



METRO-MEGA model has a 12mt working width and a folding frame which reduces transport width to 4mt!

More acres at the end of the day!



TECHNICAL FEATURES

Model		MEGA	METRO-MEGA
Working width	m	6	12
Transport width	m	6	4
Rows number	nr.	44	88
Row spacing	cm	13,6	13,6
Seed hopper capacity	l	940	1880
Fertilizer hopper capacity	l	900	1800
Min power requirement	HP/kW	120/88	220/165
Weight	kg	2150	9200
Wheels		2 x 6.50-15	4 x 6.50-15

PNEUMATIC DRILLS FOR TILLED SOILS

PINA - PINTA

EVEN DISTRIBUTION, FIRST OF ALL!



PINTA is a versatile pneumatic seed drill perfect for traditional farming and contractors. The wide choice of working widths and versions makes it suitable for every farmer need. The 5 sector roller distribution system with helical arrangement of cells allows to get maximum uniformity of seed metering. The distribution header is mounted in a well-protected position inside the hopper. The machine can be featured with a sophisticated system of electronic transmission that makes it easy the calibration and ensures perfect control of all machine functioning.



PINA and **PINTA** models are both available in mounted or trailed configuration. The trailed version, can be matched to reduced power tractors and offers its best on hilly land: features include track eradicators and wheel lift for transport

Always ready!



PINA is the compact option of the range. Hopper volume is 800 lt. Suitable for finely tilled soils.



PINTA has a working width range from 4 to 5 mt and a 1000 lt hopper. Basic model has mechanical drive system; on demand is available the GENIUS LITE electric transmission.



PINTA 600 is the top range option: 6 m working width, heavy duty frame, 1500 l hopper and standard "GENIUS LITE" electronic transmission.

TECHNICAL FEATURES

Model		PINTA 400	PINTA 450	PINTA 500	PINTA 600
Working width	m	4,00	4,50	5,00	6,00
Transport width	m	2,55	2,55	2,55	2,55
Rows number	n	29 o 32	29 - 32 - 36	32 - 36 - 40	40 o 48
Row spacing	cm	14,0 - 12,5	15,5 - 14,0 - 12,5	15,5 - 14,0 - 12,5	15,0 - 12,5
Seed hopper capacity	l	1000	1000	1000	1500
Min power requirement	HP / kW	80/59	90/66	90/66	120/88
PTO regime	rpm	540 o 1000	540 o 1000	540 o 1000	540 o 1000
Weight*	kg	1240	1300	1350	1600
Wheels		26x12,00-12	26x12,00-12	26x12,00-12	31x15,5-15

* Weight for mounted version with 12,5 rows distance and single disc

Model		PINA 400	PINA 450
Working width	m	4,00	4,50
Transport width	m	2,55	2,55
Rows number	n.	29 o 32	29 o 32
Row spacing	cm	14,0 - 12,5	15,5 - 14,0
Seed hopper capacity	l	800	800
Min power requirement	HP/kW	70/51	70/51
PTO regime	rpm	540 o 1000	540 o 1000
Weight *	kg	900	920
Wheels	kg	205/70-15	205/70-15

* Weight for mounted suffolk version, maximum row distance

PNEUMATIC DRILLS FOR TILLED SOILS

PINTA SEED & FERTILIZER

DOUBLE DISTRIBUTION, BETTER RESULT



Maneuvering on headlands is quick and easy, thanks to lifting ram!

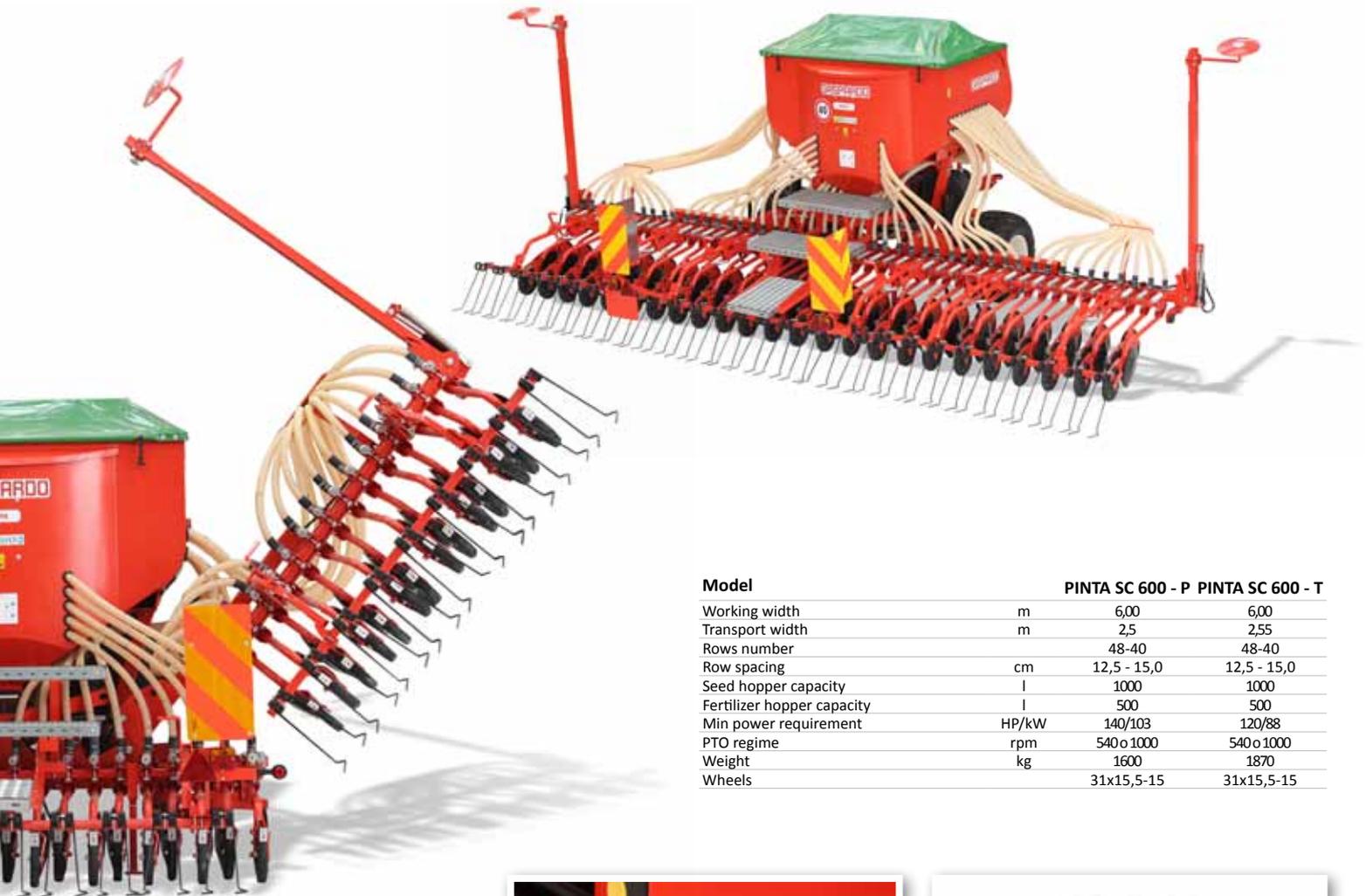


The metering units shut-off are protected by a carter which prevents any failure due to dust or dirt.



Hopper has a 1500 liter total capacity: 1000 for seed; 500 for fertilizer.

Ready, Steady, Go!



Model		PINTA SC 600 - P	PINTA SC 600 - T
Working width	m	6,00	6,00
Transport width	m	2,5	2,55
Rows number		48-40	48-40
Row spacing	cm	12,5 - 15,0	12,5 - 15,0
Seed hopper capacity	l	1000	1000
Fertilizer hopper capacity	l	500	500
Min power requirement	HP/kW	140/103	120/88
PTO regime	rpm	540 o 1000	540 o 1000
Weight	kg	1600	1870
Wheels		31x15,5-15	31x15,5-15



Machine is available both in mounted or trailed version.



The easy access electronic control unit allows to calibrate the machine comfortably.

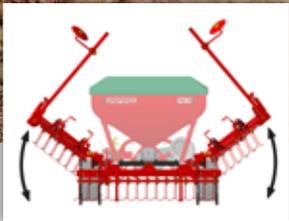


ISOBUS electronics is a standard feature that allows the user to control all functions.

MINIMUM TILLAGE PNEUMATIC SEED DRILLS

PRIMAVERA

QUICK AND STRONG



PRIMAVERA is a cereal drill built to work on minimum tilled soils: its sturdy frame can operate easily on the roughest surfaces. The range includes models from 4 to 6 m with mechanical or electronic transmission. The large 1500 lt hopper ensures a long operating range; double disc or shank units are extremely sturdy and as they are disposed on 4 well-spaced ranks, clogging problem is very unlikely. The seeding depth setting is extremely easy: two mechanical jacks on the central section and two wheel pin system on the side wings.



The seeding units are carried by a high clearance frame and arranged on 4 ranks to minimize, even at higher speeds, clogging of soil or crop residues. The seed covering harrow is available with straight or "S" type teeth and press wheels bar configuration.

The universal solution!



TECHNICAL FEATURES

Model		PRIMAVERA 400	PRIMAVERA 450	PRIMAVERA 500	PRIMAVERA 600
Working width	m	4,00	4,50	5,00	6,00
Transport width	m	3,00	3,00	3,00	3,00
Rows number	nr.	32	36	40	48-40
Row spacing	cm	12,5	12,5	12,5	12,5 - 15,0
Seed hopper capacity	l	1500	1500	1500	1500
Min power requirement	HP/kW	180/132	180/132	180/132	180/132
Weight versione ad ancora	kg	1850	1900	2000	2050
Double disc version weight	kg	2050	2100	2250	2300
Wheels		13.00/55-16	13.00/55-16	13.00/55-16	13.00/55-16

CEREAL SEED DRILLS

CONVERTIBLE SEED DRILLS

FLEXIBILITY FOR YOUR FARM!



Gaspardo offers modular solutions that allow to establish many crops with a very few number of implements in your farm. The hopper can be used both as seed container or for the distribution of fertilizer when combined with precision planter. Distribution headers and metering rollers can be quickly replaced to shift to a new configuration. Among the machines of this category the most versatile are the **front hopper PA1**, with a sloping profile that offers great visibility, **seeding bars** stand-alone or mounted on power harrow and the **SCATENATA hopper wagon**.



PERFECTA BAR

The independent suspension system with spring-loaded parallelogram on each single unit allows to follow any soil contour, even the most irregular! The 2 independent ranks and the wide spacing between them (585 mm) improve soil and residues flow under the bar. The connection rod between the frame bars keeps uniform the pressure and the depth adjustment on both. The compact rear polyurethane wheel has a self-cleaning effect that maintains an even seeding depth control.

The winning match!



SCATENATA is a trailed hopper with a rear 3 point hitch. Alternatively to the cereal drill bar, is possible to match a precision vacuum planter (up to 12 rows) and exploit the 3000 l capacity to have a great fertilizer distribution autonomy.

TECHNICAL FEATURES

Model		SCATENATA 3000	SCATENATA 3000	SCATENATA 3000
		tine	double disc	Perfecta
Working width	m	6,00	6,00	6,00
Transport width	m	3,00	3,00	3,00
Rows number		48-40	40	48-40
Row spacing	cm	12,5-15,0	15,0	12,5-15,0
Hopper capacity	l	3000	3000	3000
Min power requirement	HP/kW	120/88	120/88	120/88
PTO regime	rpm	1000	1000	1000
Weight*	kg	4900	5150	5060
Wheels		700/50-22.5	700/50-22.5	700/50-22.5

*15,0cm rows spacing version



Seeding bar combinations are available either in "stand-alone" or "power harrow mounted" configurations. The **PA1 front hopper** offers 1100 l capacity, optimal weight distribution and no compromise on frontal visibility. After autumn seeding season, the hopper can be converted to the fertilizer distribution if combined to a precision vacuum planter.

TECHNICAL FEATURES

Model		MOUNTED SEEDING BAR			MOUNTED BAR COMBINED WITH HARROW (SUFFOLK, SINGLE DISC, COREX)			PA1
		500	600	perfecta 600	300	400	450	1100
Working width	m	5,00	6,00	6,00	3,00	4,00	4,50	-
Transport width	m	2,55	2,55	3,00	3,00	4,00	4,50	-
Rows number	m	40-32	48-40	48-40	24	32	32	-
Row spacing	cm	12,5-14,0	12,5-15,0	12,5-15,0	12,5	12,5	14	-
Hopper capacity	l	-	-	-	-	-	-	1100
PTO regime	rpm	-	-	-	-	-	-	1000
Weight	kg	1050*	1400*	2560**	600***	670***	750***	590****
Wheels								

*15 cm rows spacing version without press wheel ** 15 cm row spacing version *** Single disc version weight **** Manual gearbox and hydraulic powered fan

CEREAL SEED DRILLS

GET THE BEST FROM YOUR SEED DRILL WITH THE MONITOR!



FUNCTIONS	HCS	TSH	MULTI-CHECK	MULTI-CONTROL	GENIUS LITE	GENIUS	BASIC TERMINAL
Partial hectare counter	●	●	●	●	●	●	●
Total hectare counter	●	●	●	●	●	●	●
Working speed	-	●	●	●	●	●	●
Fan regime (rpm) monitor	-	●	●	●	●	●	●
Hopper seed level alarm	-	-	●	●	●	●	●
Dispenser revolution check	-	-	●	●	●	●	●
Tramline control	-	-	-	●	●	●	●
Fast and easy calibration	-	-	-	-	●	●	●
PRE-START & PRE-STOP system	-	-	-	-	●	●	●
Seed rate change from the cockpit	-	-	-	-	●	●	●
Variable seeding rate ready	-	-	-	-	●	●	●
Seed rate change by GPS (variable rate)	-	-	-	-	-	●	●
Flash memory storage	-	-	-	-	-	●	●
Hydraulic systems control	-	-	-	-	-	-	●
ISOBUS connectivity	-	-	-	-	-	-	●
APPLICATIONS							
NINA	○	○	-	○	-	-	-
SC MARIA	○	○	-	-	-	-	-
MEGA / METRO-MEGA	-	-	-	-	-	-	-
PINA	○	-	○	○	-	-	-
PINTA	○	-	○	○	-	-	-
PINTA GENIUS	-	-	-	-	●	-	-
PINTA SC	-	-	-	-	-	-	●
PRIMAVERA	○	-	○	○	○	-	-
SCATENATA	-	-	-	-	-	●	-
DRILL BAR	-	-	-	-	-	○	-
COMBINED DRILL BAR	-	-	-	-	-	○	-





CEREAL SEED DRILLS

STANDARD AND OPTIONAL FEATURES

STANDARD FEATURES	NINA	S-SC MARIA	MEGA MEGA-METRO	PINA	PINTA	PINTA GENIUS	PINTA SC	PRIMAVERA	SCATENATA	DRILL BAR
Mechanical distribution system	●	●	●	-	-	-	-	-	-	-
Pneumatic distribution system	-	-	-	●	●	●	●	●	●	●
3 cam gearbox transmission	●	●	●	●	●	-	-	●	-	●
Electric transmission	-	-	-	-	-	●	●	○	●	○
PTO driven fan	-	-	-	●	●	●	●	○	●	●
Dependent hydraulic fan	-	-	-	○	○	○	○	●	○	○
Independent hydraulic fan	-	-	-	○	○	○	○	-	-	○
Seeding monitor	○	-	-	-	-	●	●	○	●	○
Tramline system	○	-	-	○	○	○	○	○	○	○
Mechanical seed level indicator	●	●	●	-	-	-	-	-	-	-
Electronic seed low-level alarm	-	-	-	●	●	●	●	●	●	●
Load cells on hopper	-	-	-	-	-	-	-	-	○	-
Test tray	●	●	●	●	●	●	●	●	●	●
Electronic scale	-	-	-	-	○	●	●	○	●	●
Hopper footboard for control / loading	●	●	●	●	●	●	●	●	●	●
Seed covering harrow	●	●	●	●	●	●	●	●	●	●
Row marker	○	○	○/●	●	●	●	●	●	○*	●/○*
Hopper extension	○	-	-	-	-	-	-	○**	-	-
Hydraulic distributors	-	Max 2	from 1 to 2	from 2 to 3	from 2 to 3	from 2 to 3	from 2 to 3	Max 2	Min 3	2 + 1
Trailed version availability	-	○	-/●	○	○	○	○	-	●	-



ALL THE OPTIONAL FOR THE SEED DRILL



Side hill separators (**NINA**)



Hopper reduction for small seeds (**NINA**)



Track wheel eradicator 2+2 (**NINA**)



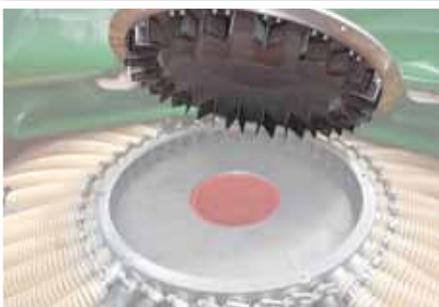
Tramline system 2+2 or 3+3 (**NINA**)



Single row exclusion (**PINA, PINTA e PRIMAVERA**)



Tramline 2+2 or 3+3 electric device (**PINTA e PRIMAVERA**)



Distribution header reduction cover



Side wings electric shut-off (**PINTA e PRIMAVERA**)



Independent hydraulic fan drive



Seeding bar hydraulic tensioning (**NINA**)



Strip drilling coulter



Electronic scale (max weight 70 kg)

GASPARDO



MASCHIO GASPARDO

10-14 Cod. W19580401R - Dipartimento Marketing Maschio Gaspardo

**COMPANY WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
= ISO 9001:2008 =**

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For graphic reasons, some pictures and images do not show the "CE" safety guards.