



(GB) COMBINED SEED-DRILLS AND FRONT HOPPERS

Your customized seed-drill

Accuracy and simplicity to meet your needs

The choice of the seed-drill is essential. A good sowing is the basis for a good harvest.

Our combined seed-drills have been designed and developed to optimize the seedbed preparation and to ensure a precise and regular seeding, even in challenging and difficult conditions. This guarantees a perfect quality of the harvest.

Thanks to simple, quick and precise settings the new Alpego seed-drills adapt to all situations and working conditions. The multiple Alpego solutions allow –thanks to the wide choice of implements for working the soil: power harrows, rotary cultivators or disc cultivators, rollers, seed-drills and terminals– to find the most suitable solutions to your needs for the coming years.



Jet The compact pneumatic seed-drills



Fertidrill High performance front hoppers



INDEX

Rubber Seeding bar	pg. 4 - 5
Alpetronic	pg. 6 - 7
Volumetric metering unit AIRON	pg. 8 - 9
Volumetric metering unit AIRON	pg. 10 - 11
Distribution - "Turbo ROTAL"	pg. 12 - 13
Which implement for which seed-drill?	pg. 14 - 15
Jet-M	pg. 16 - 17
Jet-X	pg. 18 - 19
Airspeed AS4	pg. 20 - 21
Multifunctional hopper	pg. 22 - 23
Fertidrill ASF	pg. 24 - 25
Fertidrill ASmaX	pg. 26 - 27
Technical data	pg. 28

Airspeed

A unique technology on the market

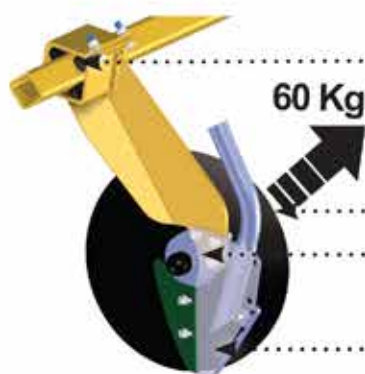


Rubber Seeding bar

A multipurpose sowing system!

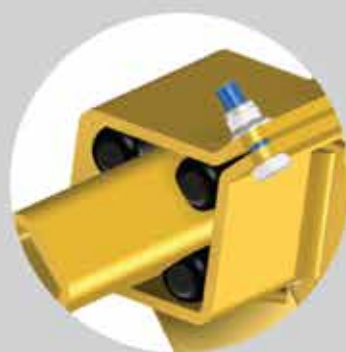
ALPEGO RUBBER

Each Alpego Rubber seeding element is mounted on 4 silent blocks that guarantees a maximum pressure of 60kg. This allows for a uniform working depth in every soil conditions. It also allows to overcome any possible obstacle.



Silent Block, elastic system on each seeding element.

Maintenance-free



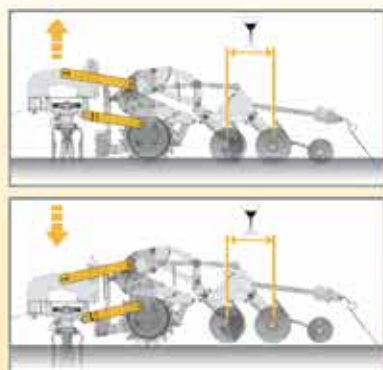
Disc coulters: slightly leaning 355 mm disc coulters with sharp edge for an optimum and uniform penetration in all conditions.

Double roller bearing: two roller bearings for unprecedented reliability also in tough conditions.

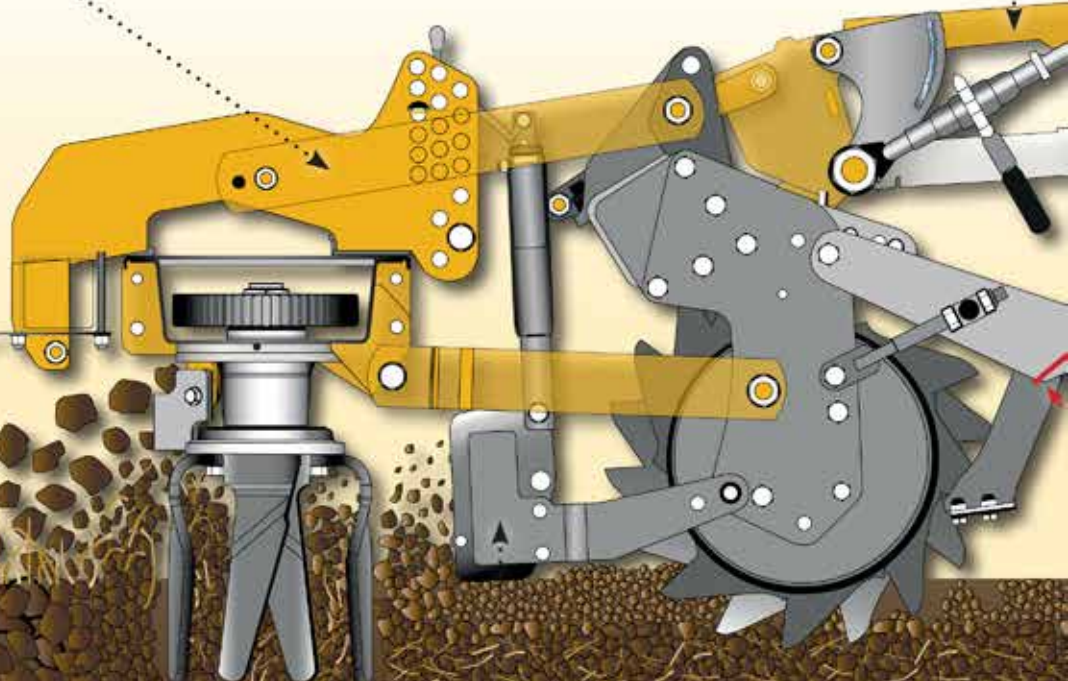


Protection plate: the protection plate shields the seed flow until its contact with the seeding bed for a uniform sowing action.

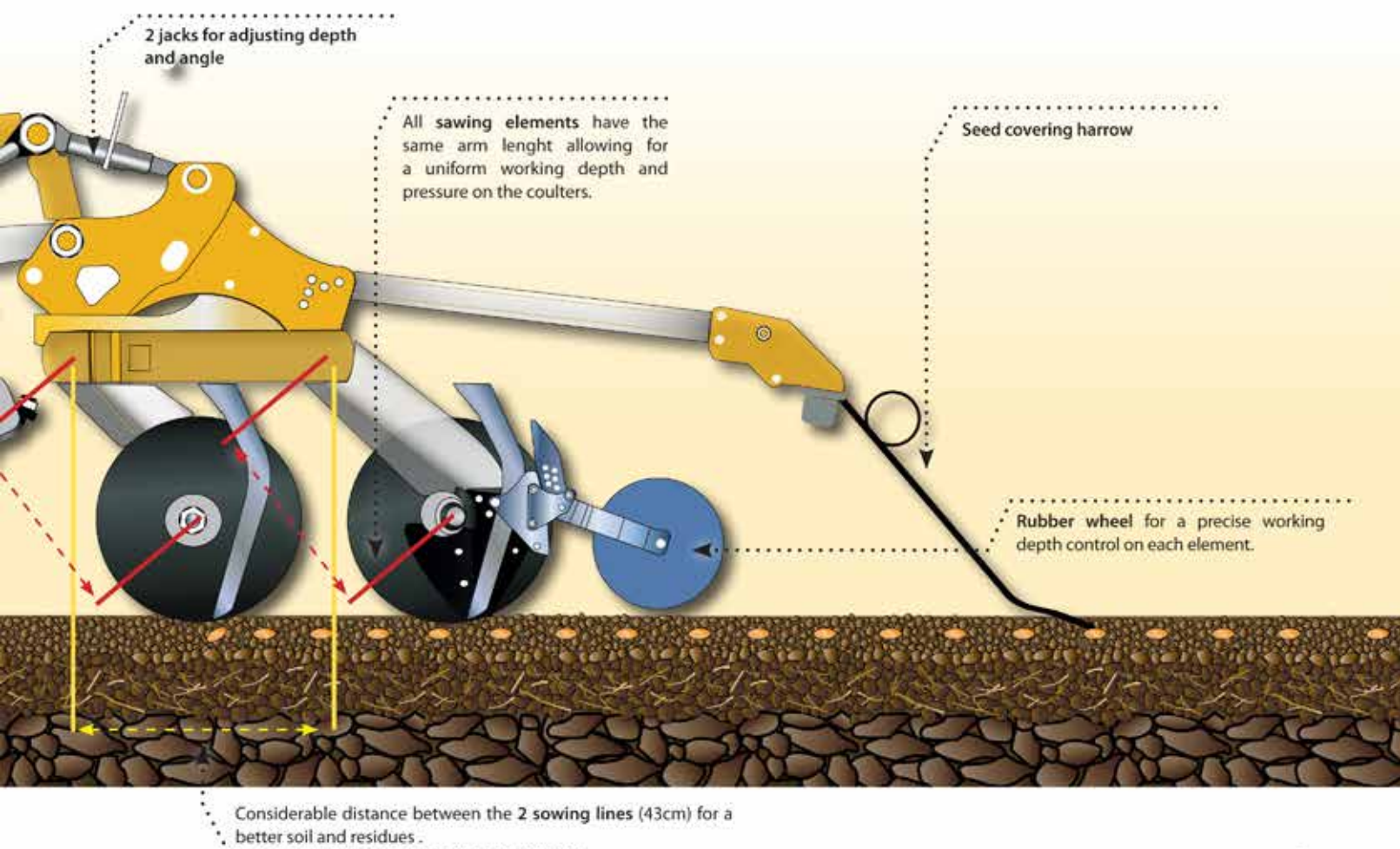
Parallelogram system for power harrow working depth adjustment; the 2 seeding bars stay horizontal for a uniform pressure on the coulters.



Parallelogram for sowing depth adjustment



Levelling bar on the roller



Alpetronic

Control of the seed-drill at your fingertips



Monitor POWER

- Electronic metering unit management
- Automatic weighing and calibration
- Modulation of the distributed seed quantity
- Warning alarm for hopper reserve level
- Control of the metering unit rotation
- Forward speed
- Turbine regime
- Tramline system
- Pre-Start function
- Automatic management of the rear tank filling

For Alpego seed-drills AS4



Monitor SUPER- PLUS

- Electronic metering unit management
- Automatic weighing and calibration
- Modulation of the distributed seed quantity
- Warning alarm for hopper reserve level
- Control of the metering unit rotation
- Forward speed
- Turbine regime
- Tramline system
- Pre-Start function

For Alpego seed-drills JET-M e ASF





Monitor TOUCH

- 8" high resolution colour touch-screen (800x600TFT)
- USB for data transfer
- Serial port RS232
- Camera input
- CAN-BUS connector
- Functions can be expanded with several available Apps, i.e. the Task Control (TC), the parallel drive, end-of-field management

For Alpego seed-drills JET-X and ASmaX ISOBUS



Monitor DIGIT

- 5.6" high resolution colour screen
- USB for data transfer
- Serial port RS232
- Camera input
- CAN-BUS connector
- Functions can be expanded with several available Apps, i.e. the Task Control (TC), the parallel drive, end-of-field management

For Alpego seed-drills JET-X and ASmaX
(included in the kit for non-Isobus tractors)



AIRON

Precise and delicate dosage for the utmost respect of the seed

The new metering unit AIRON, simple and practical, is supplied as standard with 3 interchangeable metering rollers covering a wide range of sowing products. Its slow rotation guarantees an optimal respect of the seed and a perfect dispensing of the set dosage. The replacement of the metering roller is very simple and fast thanks to the openable side hatch.

GEARBOX

The gearbox combined with the replacement of the metering roller allows greater precision and doubles the possibilities of use.



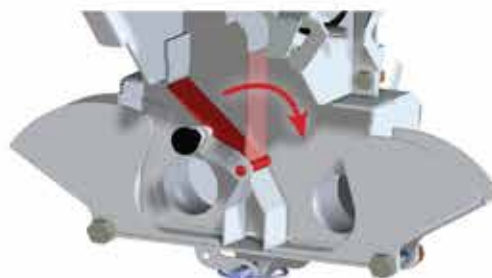
QUICK CLEANING

Thanks to the rear opening, the AIRON metering unit is easy to clean.

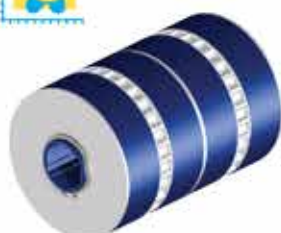


HALF-WIDTH

Thanks to the new system it is possible to set half-width choosing between right and left without any constraint.



DOSAGE METERING ROLLER AVAILABLE



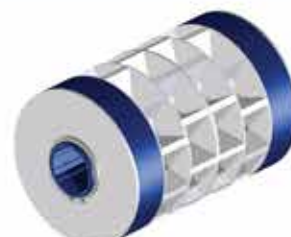
Metering roller 11.5 cm³

e.g. for rapeseed



Metering roller 110 cm³

e.g. for wheat



Metering roller 392 cm³

e.g. for peas

ISOLATION OF THE METERING UNIT

The guillotine door positioned at the base of the hopper allows to isolate the metering unit. Therefore (for example) it is possible to replace the metering roller even at full load.



CONTROL OF THE METERING UNIT ROTATION

No error is possible thanks to the sensor located on the door of the seeding module that controls the rotation of the metering unit and the correct closing of this.



REPLACEMENT OF THE METERING UNIT ROLLER

The replacement of the metering roller simply occurs through the side access door of the distributor. No special tools are required.



QUICK SEEDING TEST

Open the lower bottom hatches, place the weighing container, press the weighing button and the system will automatically operate.



DESIGNED FOR ALL SEEDS

RAPESEED



BARLEY



WHEAT



PEAS



DOSAL

Seed-drills: JET-X, AS4, ASF, ASmaX

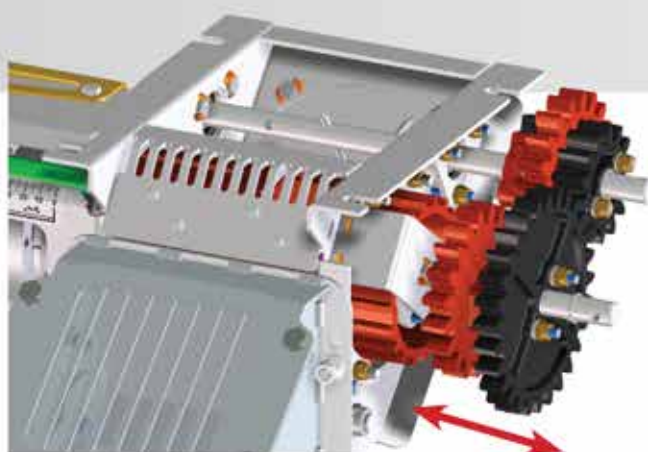
The high-performance volumetric metering unit Alpego

The metering unit, made entirely of stainless steel, is very sturdy and reliable. This volumetric metering unit offers unrivalled performance up to 46 kg/min.

It is designed to dose from the small seeds as rapeseed in doses of 1 kg/ha to fertilizers, even in large quantities

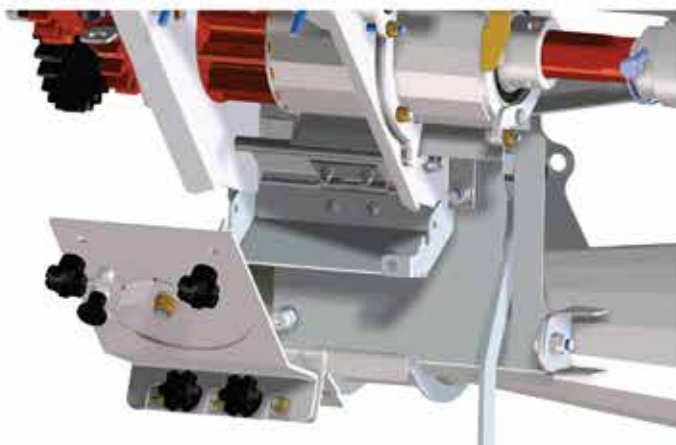
GEARBOX

The lateral gears coupled with the Dosal system allow to increase the number of revolutions and a slow rotation of the metering unit ensuring the preservation of the seeds.



QUICK CLEANING

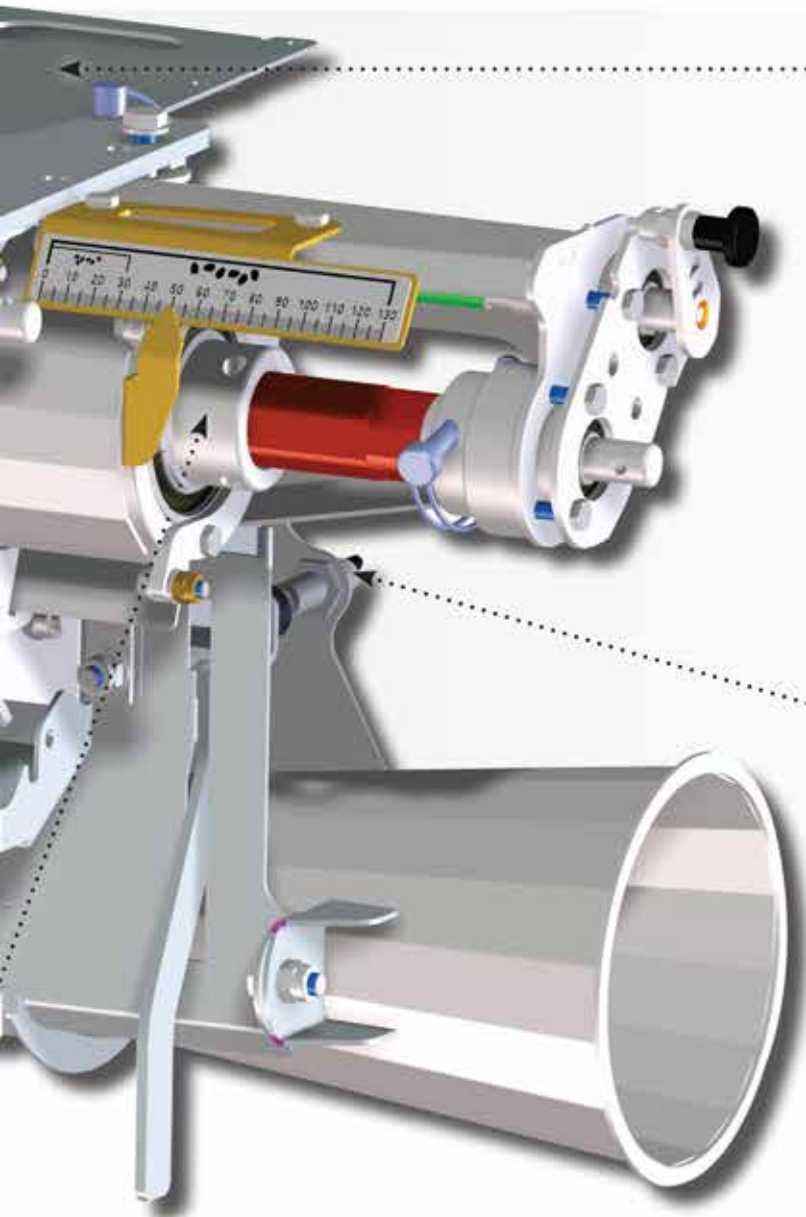
The removable back plate allows a complete and easy cleaning of the metering unit even if it remains unused for several days.



DOSAL METERING ROLLER

Designed for high performance, it offers a wide flexibility of use: fertilizer and large seeds in large quantities or very small seeds in very low quantities thanks to the semi-minutes function.





ISOLATION OF THE METERING UNIT

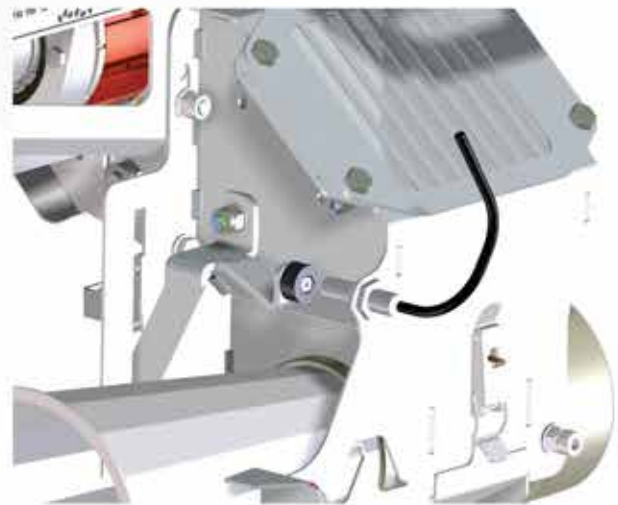
The guillotine door positioned at the base of the hopper allows to isolate the metering unit. Therefore (for example) it is possible to change the quantity of seeding.



CONTROL OF THE METERING UNIT OPENING

The weighing door is equipped with a sensor that prevents any mistake. And it warns the operator if it remains open.

(only on ASF)



DESIGNED FOR ALL SEEDS AND FERTILIZERS

It has also been studied for fertilizer. Entirely made of stainless steel.

RAPESEED



BARLEY



WHEAT



PEAS



FERTILIZER



Distribution

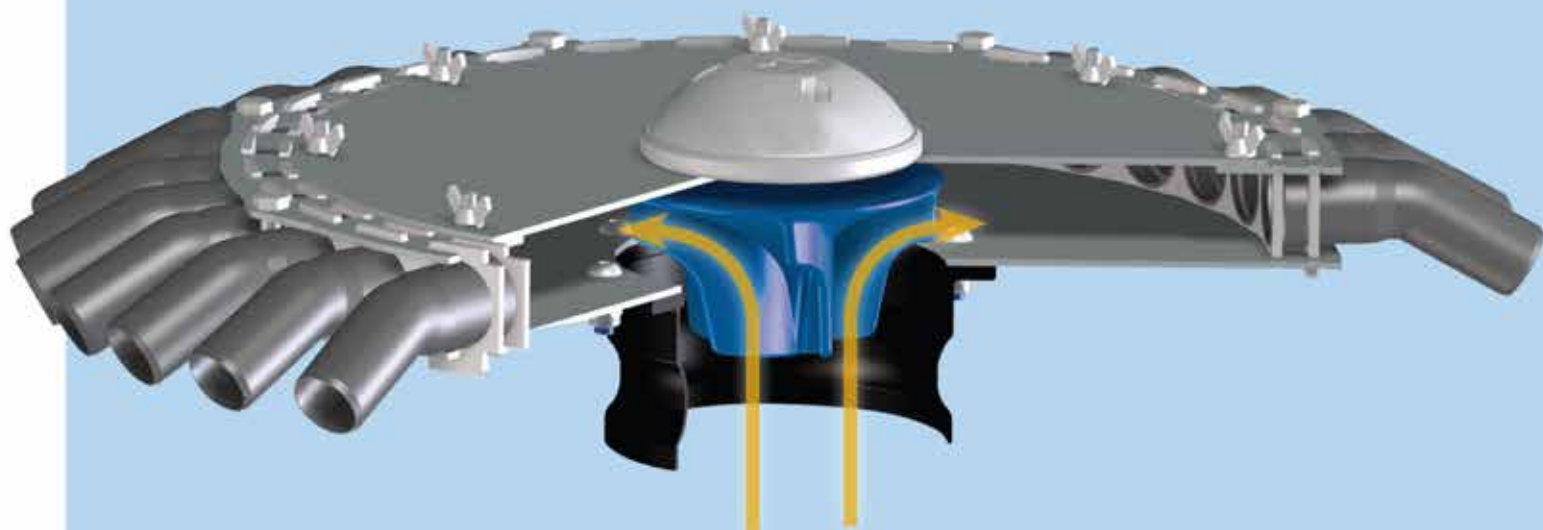
A constant distribution for a uniform sowing



Turbo ROTAL



The Turbo ROTAL system is an innovative system consisting of a spinning impeller located in the centre of the distribution head, that promotes a more uniform distribution of the seed to the seeding rows even in hilly areas thus reducing by a 50% factor the error in distribution homogeneity.





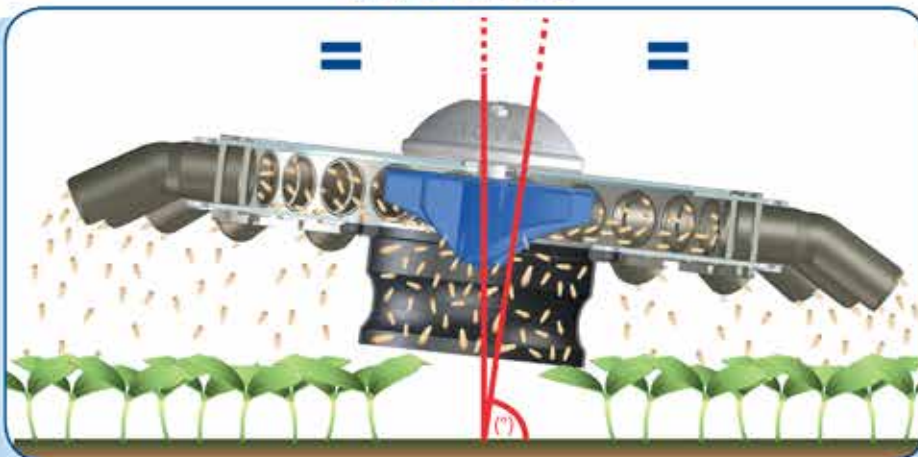
HYDRAULIC TURBINE

The new turbines are characterized by a low hydraulic consumption of oil (on average 23 liters / min at 4200 rpm).

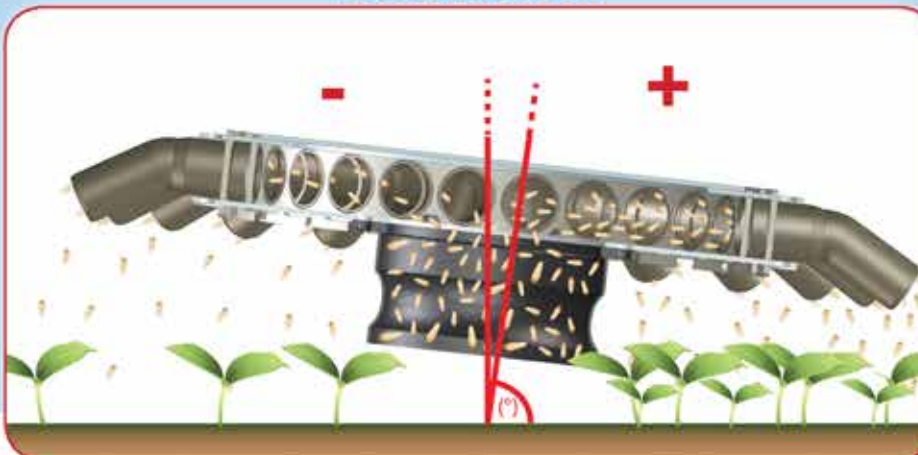
Their monoblock design offers very high performance avoiding the loss of air and increasing the flow of 40% compared to a conventional turbine.

These performances guarantee a high volume of product transport essential for fertilization operations.

ALPEGO



Traditional



The Alpego Turbo ROTAL solution offers a better product distribution on each line. The sinning action of the impeller spreads the seed uniformly to all the exit of the distribution head, also in hill side conditions. Certified improved efficiency in the seeding action and better results.




























In pneumatic transport systems, distribution heads are inaccurate for several factors including the inclination where the seeds tend to fall downwards. This can create significant differences in distributed quantities in each line overall in hilly cultivation.

Which implement for which seed-drill?

Just choose according to your needs

The combined machines ALPEGO offer cutting-edge solutions thanks to many years of experience in tillage and sowing.

They have been designed for difficult working conditions and they guarantee maximum reliability and versatility.

COMBINATION							
			JET-M	JET-X	ASF	ASmax	AS4
BF		Thanks to its 4 rotors per meter, as all Alpego power harrows, and its reduced weight combined with the Alpego know-how, BF is the ideal combination implement for soil preparation for compact tractors.					
			* (only for FAST version)				
RM		Equipped with rollers of large diameters and equipped with Twin Force technology with conical bearings, RM is the ideal combination implement for those looking for performance combined with a low weight.					
RK		Thanks to the Twin Force mechanics and the structural frame, RK is designed to support high capacity seed-drills. It guarantees great speed for advancement and performance.					
Rmax		High-range power harrow, designed for the most difficult conditions. This machine is suitable for high power and is equipped with the Twin Force series Max.					
DP		Solid design and synonymous of reliability, DP fascinates with the quality of the workmanship. An excellent compromise between weight and performance, it is an excellent choice when acquiring a combination of folding sowing.					
DKS		Bestseller in the Alpego power harrows range, DKS benefits from the Twin Force technology that combines reliability, robustness and performance. Equipped with high performance gearboxes, it constitutes the perfect balance between weight and performance.					
Dmax		The flagship model Dmax is a technological concentrate of our know-how. Designed for very powerful tractors, it is the reference point for foldable power harrows.					
MG		Equipped with 2 rows of discs with fishbone configuration for a uniform preparation, it allows to work in the presence of crop residues. Thanks to the energy saving and the absence of maintenance (bearings lubricated for life), MG disc cultivators allow to optimize costs.					



PACKER ROLLER PK3 - PK5 - PK6



The Packer roller is the versatile roller for excellence. It offers a distribution of weights on the entire surface. With a diameter of 480, 520 or 570 mm, there is a limited risk of jamming even when the soil is sticky or in the presence of crop residues.

The centrally adjustable and accessible scrapers guarantee perfect cleaning.

The packer roller can work both alone and combined, its versatility allows it to work on light, clayey, silty, dry and tenacious soils.

TRAPEZE ROLLER TP6

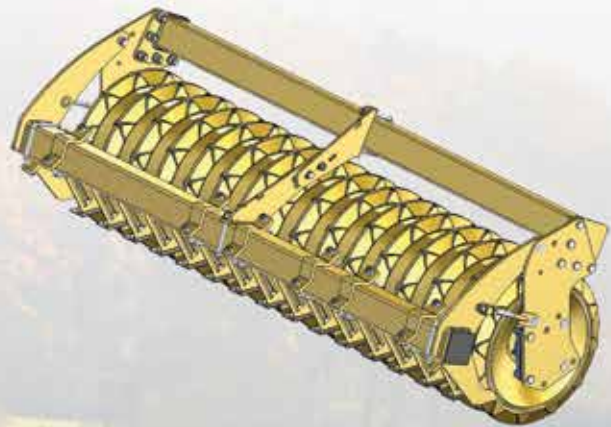


The notched cast-iron roller ridges are spaced 12.5 cm or 15 cm depending on row spacing.

With its diameter of 505 mm it combines a perfect rotation and a pressing of the seeding line.

Designed for the combination can also work alone.

It adapts perfectly to all types of dry or wet soil even in the presence of stones or crop residues.

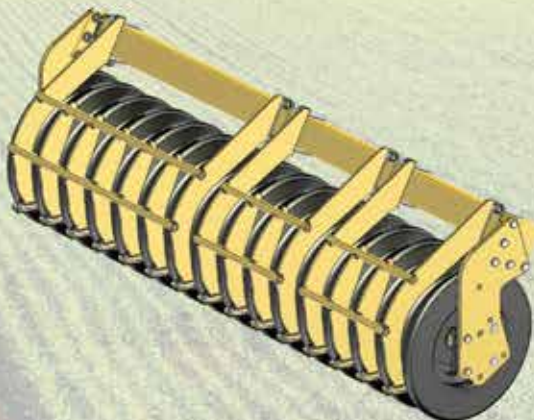


OTICO ROLLER OT5



This roller is rubber-coated with the ridges spaced 12.5 cm. The roller is intended for light, moist or clay soils, and it compacts the furrow in which the seed will be laid.

The rubber-covered surface does not allow the soil to stick, especially in the presence of very tacky and sticky soils, however it is not advisable to use in presence of stones.



Jet-M

A compact seed-drill with all the technologies

Working width: 300, 350 cm

The JET-M pneumatic seed-drill with its 1000 litres hopper has been designed for maximum versatility of use. It is compatible with many power harrows of the Alpego range and can work in combination with tractors from 110 to 200 Hp.

EFFICIENT Inside

The "Efficient Inside" system includes: low consumption hydraulic turbine, metering unit Alron (simple in regulation and suitable for various types of seeds) and completely electronic sowing management.

The advantages of the Jet-M:

- + Reduced overall width
- + Large hopper 1000 liters
- + Complete control of sowing
- + Quick settings, emptying and cleaning
- + Low consumption hydraulic turbine
- + Quick release from the power harrow

LIFTING AND HYDRAULIC EXCLUSION OF THE SEEDING BAR

It allows to work without the seeding elements touching the ground and to facilitate the maneuvers at the end of the field. Its use does not affect the depth of sowing.

QUICK RELEASE OF THE POWER HARROW

Whatever the versions, the JET-M has been designed to be coupled as quickly and safely as possible.



FAST CONFIGURATION

This configuration allows maximum flexibility of use as the seed-drill can be unhooked from the implement very quickly and the power harrow can be used independently.



AUTO-LEVEL CONFIGURATION

The perfect sowing depth! The adjustment of the machine for working the soil has no influence on the depth of sowing. Therefore, it is not necessary to adjust the seeding bar setting when changing the working depth.



Loading mouth: 2050x1008 mm
Loading height: 1950 mm

Total hopper opening





Turbo ROTAL system, it allows a more uniform distribution of the product between the seeding rows

Retractable platform

A LOW CONSUMPTION TURBINE

Consuming only 19 litres/min is coupled to the 2-way dosing system, all this allows to use also tractors with a reduced availability of oil.



AIRON

Simple and practical, the new metering unit AIRON is supplied as standard with 3 interchangeable metering rollers covering a wide range of use.



CALIBRATION AND SEEDING TEST

Easy access to the seeding system. The seeding test is easy thanks to the easy-to-reach position of the calibration button.



Jet-X



The premium solution for maximum performance

Working width: 300, 350, 400 cm

Jet-X is designed for professional and intensive agriculture in the most demanding conditions. It meets the latest standards of precision. Its high autonomy combined with the rubber seeding bar make it a high performance seed-drill that allows high workflows.

PROGRESS Inside

The advantages of the Jet-X:

- + Advanced barycentre
- + Large centralized hopper 1500 liters
- + Complete control of sowing
- + ISOBUS system
- + Quick settings, emptying and cleaning
- + Low consumption hydraulic turbine
- + Quick release of the power harrow, with fast electrical and hydraulic decoupling



Loading mouth: 2050x1008 mm

Loading height: 2150 mm

Total hopper opening -
Capacity hopper 1500 liters

QUICK RELEASE OF THE POWER HARROW

The hopper and the seeding bar are equipped with a quick hook connection that allows to remove the seed drill from the power harrow in a super-fast and safe way



QUICK HITCH SYSTEM

This new design with two side hooks attached to the sides of the roller allows you to unhook the seeding bar in no time.



QUICK CONNECTION

All electrical and hydraulic jacks are centralized and can be disconnected in an instant.





Turbo ROTAL system, it allows a more uniform distribution of the product between the seeding rows

Easy access to the metering unit



DOSAL

The metering unit, made entirely of stainless steel, is very sturdy and reliable. This volumetric metering unit offers unrivalled performance up to 46 kg/min. It is designed to dose from the small seeds as rapeseed in doses of 1 kg/ha to fertilizers, even in large quantities.



CALIBRATION AND SEEDING TEST

Easy access to the seeding system. The seeding test is easy thanks to the easy-to-reach position of the calibration button.



LIFTING AND HYDRAULIC EXCLUSION OF THE SEEDING BAR

It allows to work without the seeding elements touching the ground and to facilitate the maneuvers at the end of the field. its use does not affect the depth of sowing.



BAR ADJUSTMENT

Quick and simple seeding depth adjustment.

A handle with graduated scale allows to adjust the seeding depth very precisely.



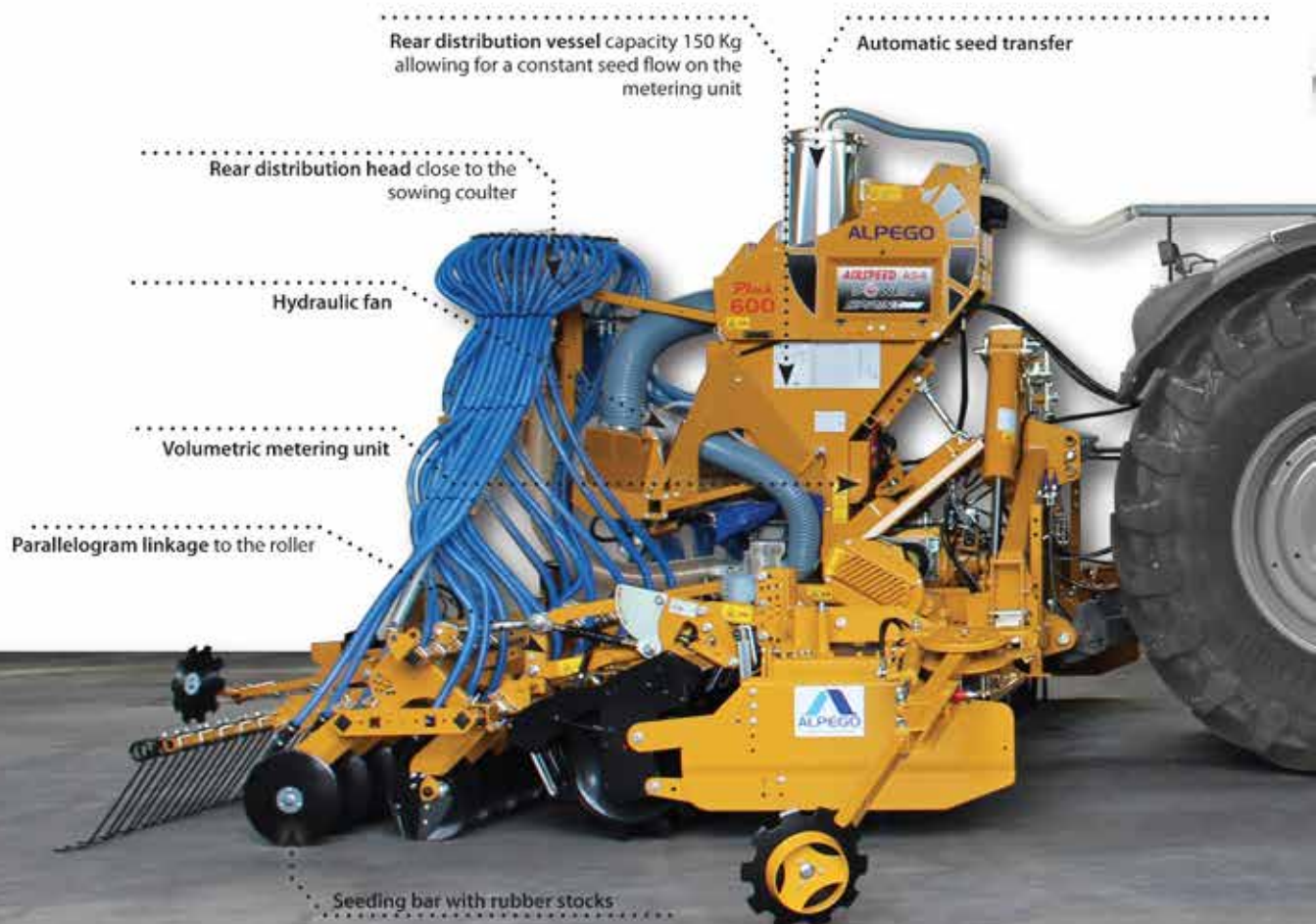
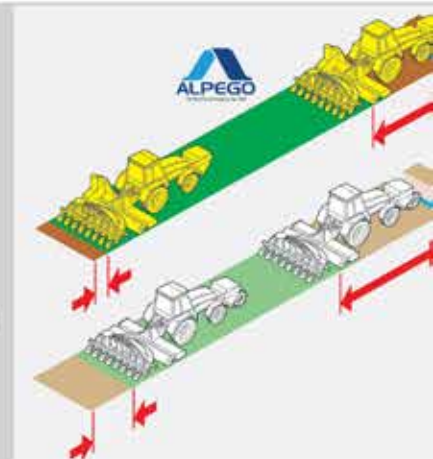
Airspeed AS4

The innovative seeding solution, unique on the market, combining a precise distribution and excellent weight balance

Working width: 400, 450, 500, 600 cm

The AS4 system is designed and patented by ALPEGO and it consists of 2 parts: a 1400-liter front hopper serving as a reserve and a 150-liter rear hopper that serves as a seed-drill and is equipped with an ingenious self-powering system.

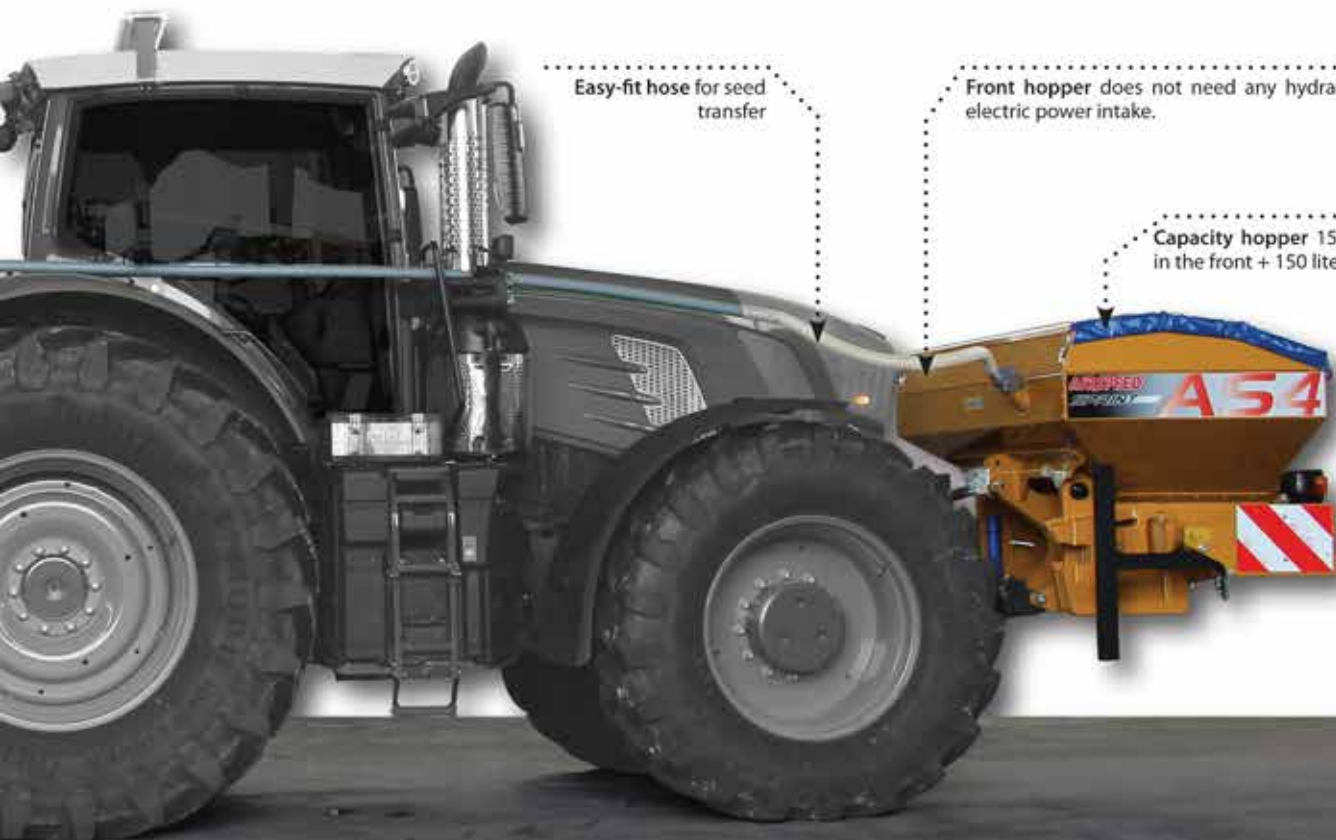
This principle guarantees a better load balancing while maintaining the maximum sowing precision since the whole seeding apparatus remains in the rear part.



START - END SOWING

The AS4 allows to increase the length of the sowing.

Particularly useful to reduce the number of steps. Sowing begins and ends instantly without product dispersion, as dosage management is positioned behind.



Easy-fit hose for seed transfer

Front hopper does not need any hydraulic, mechanical or electric power intake.

Capacity hopper 1550 liter (1400 liters in the front + 150 liters in the rear)

Versatility, efficiency and profitability,
sowing or localized fertilization

Fertidrill ASF

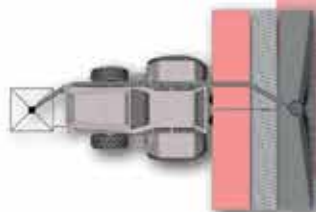
The multifunctional front hopper Fertidrill ASF is the versatile solution for seeding or fertilizing the soil.

In addition to the possibility of using it in combination for grain sowing up to a width of 600 cm, it can be used for fertilizer distribution in combination with a precision seed-drill or weeder.

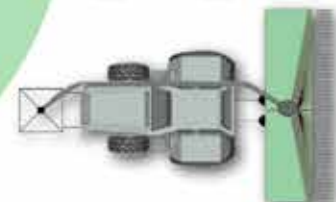
Fertidrill ASF with power harrow Alpego



Fertidrill ASF with precision seed-drill



Fertidrill ASF with cultivator

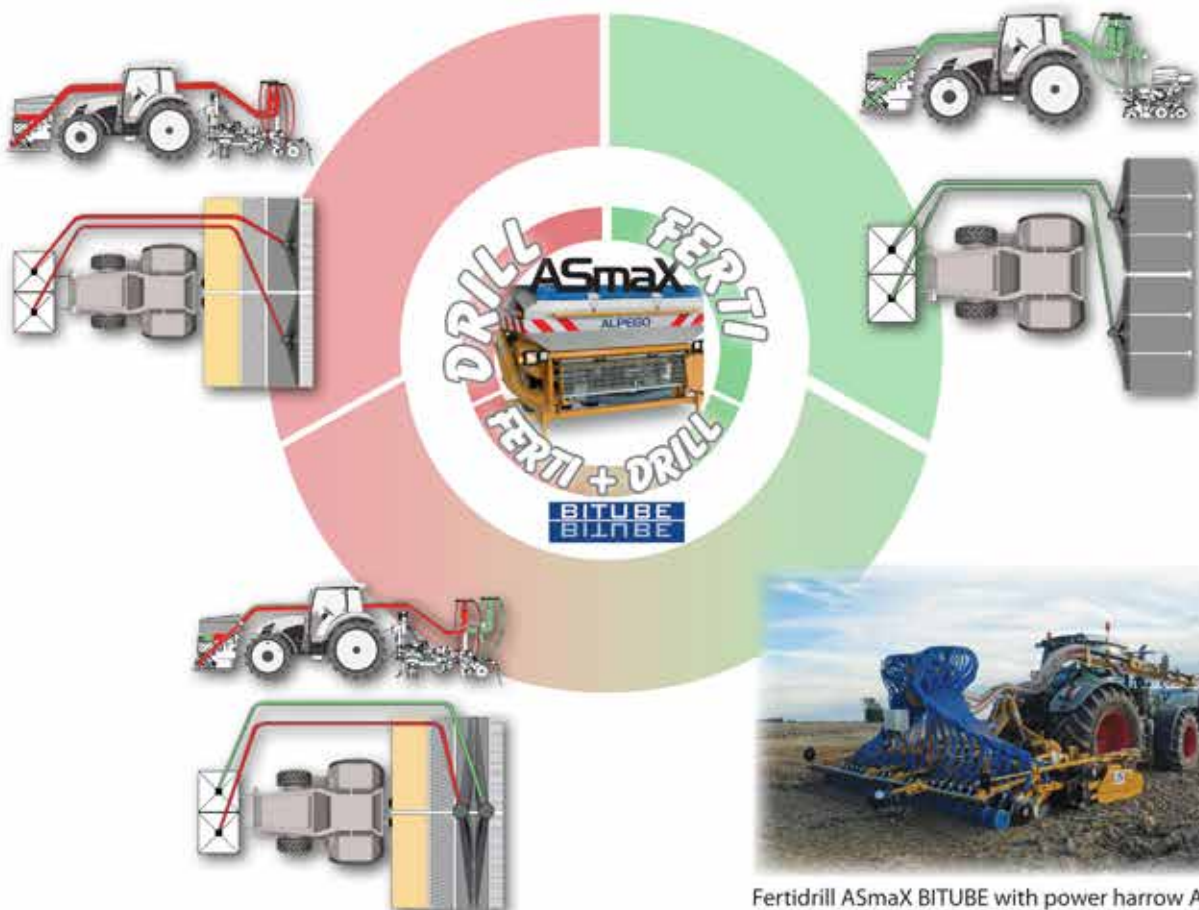


Fertidrill ASmaX

The Fertidrill ASmaX multi-purpose frontal hopper with high capacity is made entirely of stainless steel, divisible into 2 volumes of variable size for use with seed and/or fertilizer.

It is designed for use in combination for the sowing of cereals up to a width of 800 cm and for the distribution of fertilizer. It can also be used for the simultaneous distribution of seed and fertilizer.

Fertidrill ASmaX STANDARD with power harrow Alpego



Fertidrill ASmaX BITUBE with power harrow Alpego

Fertidrill ASF

Exceptional efficiency

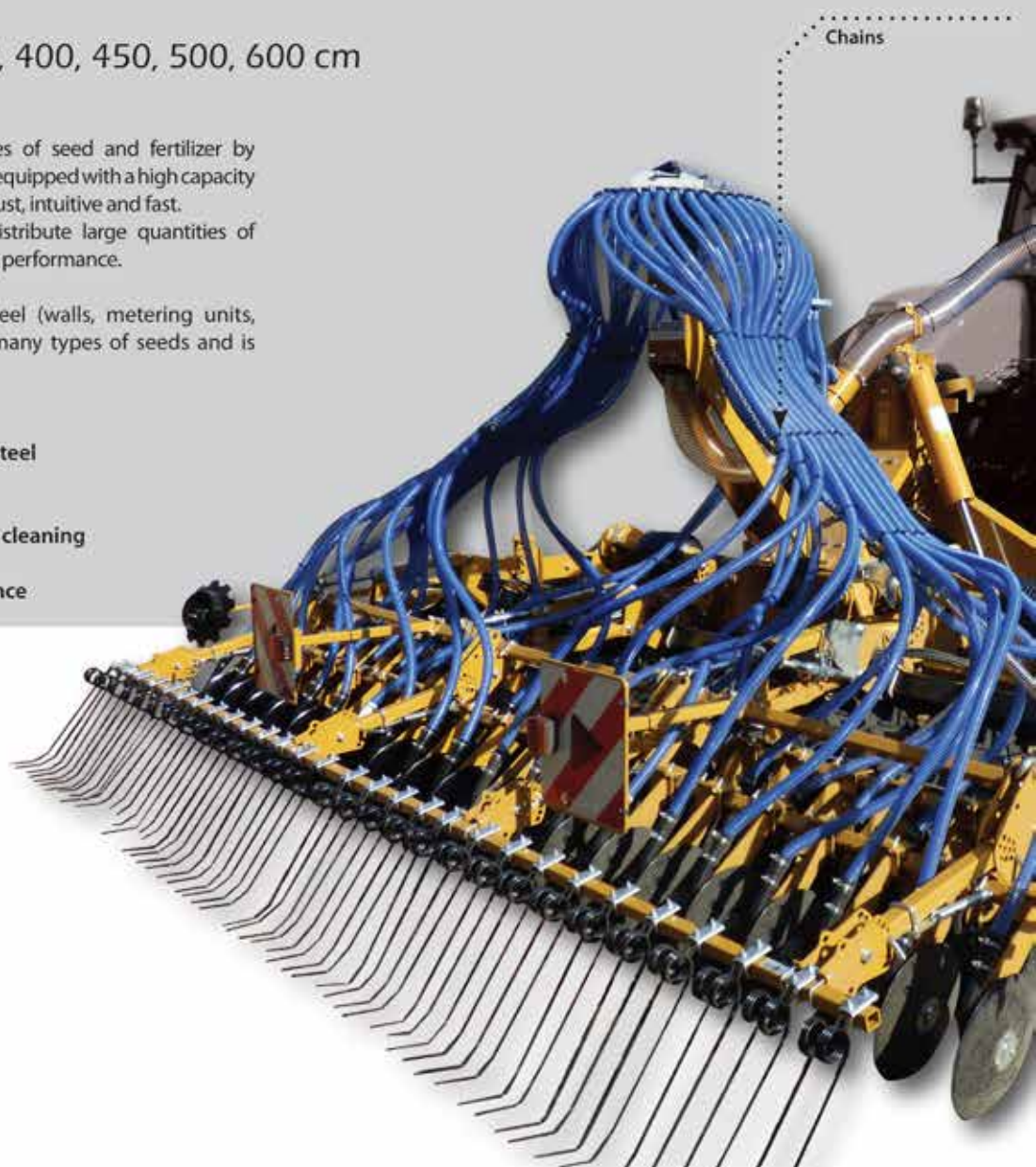
Working width: 300, 350, 400, 450, 500, 600 cm

ASF can contain from 1400 to 1800 litres of seed and fertilizer by allowing to limit the loads and save time. It is equipped with a high capacity electronic metering unit DOSAL, easy to adjust, intuitive and fast. The metering unit is also designed to distribute large quantities of product. The ASF is designed to ensure high performance.

ASF is designed entirely in stainless steel (walls, metering units, screws, bearings ...) it easy to adapt to many types of seeds and is suitable for fertilization.

The advantages of the ASF:

- + Large hopper completely in stainless steel
- + Versatility
- + Complete control of sowing
- + Quick emptying system and thorough cleaning
- + Low consumption hydraulic turbine
- + Excellent product transport performance



DESIGNED FOR

RAPESEED

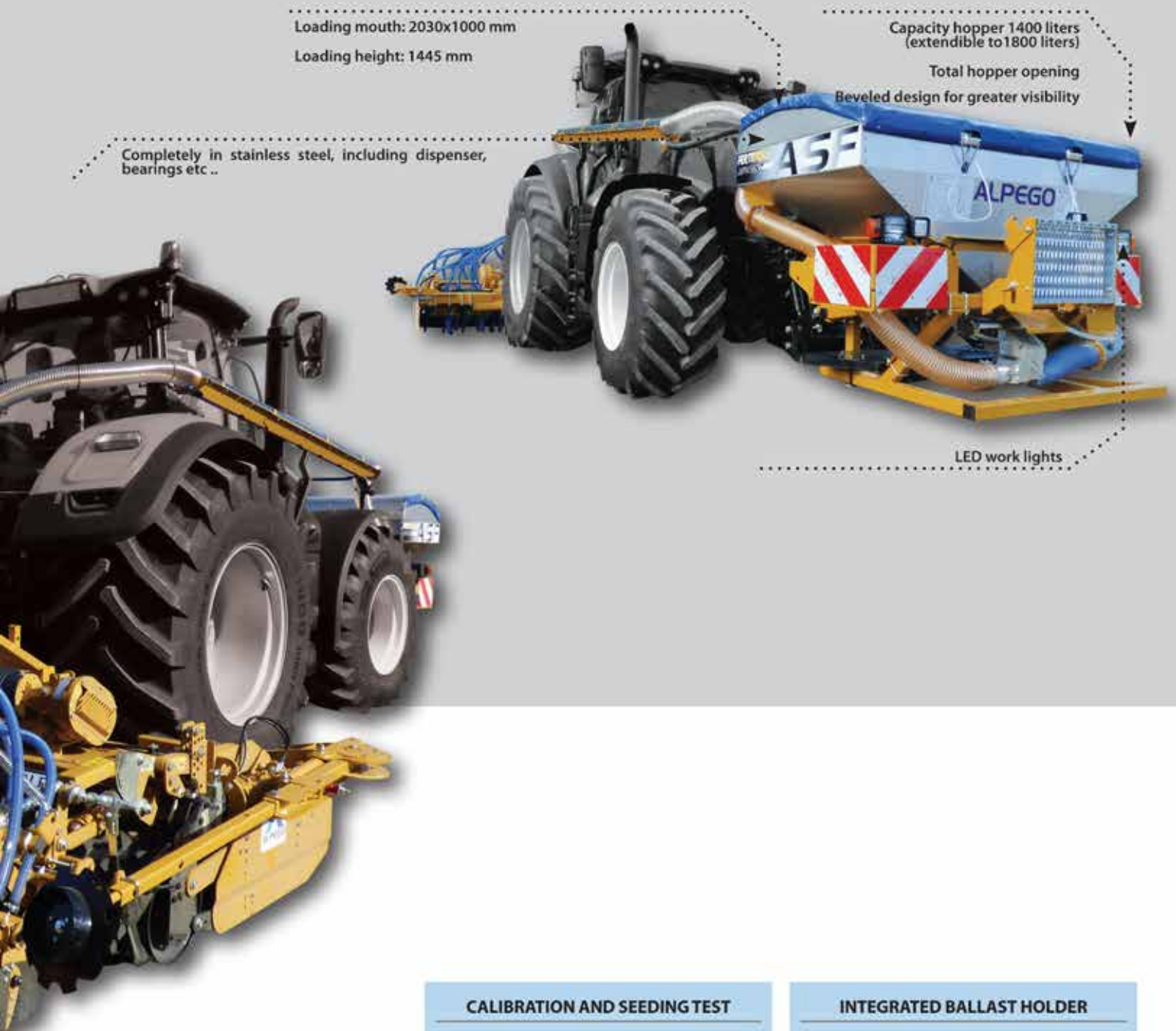
BARLEY

WHEAT

PEAS

FERTILIZER





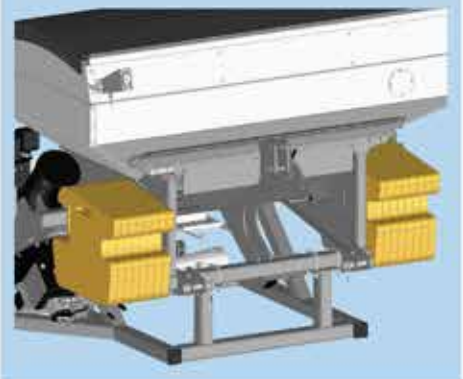
CALIBRATION AND SEEDING TEST

Easy access to the seeding system. The seeding test is easy thanks to the easy-to-reach position of the calibration button.



INTEGRATED BALLAST HOLDER

Possibility to add or remove ballast to better balance the tractor.



Fertidrill ASmaX

Preparation, sowing and fertilization in a single step

Working width: 400, 450, 500, 600, 700, 800 cm

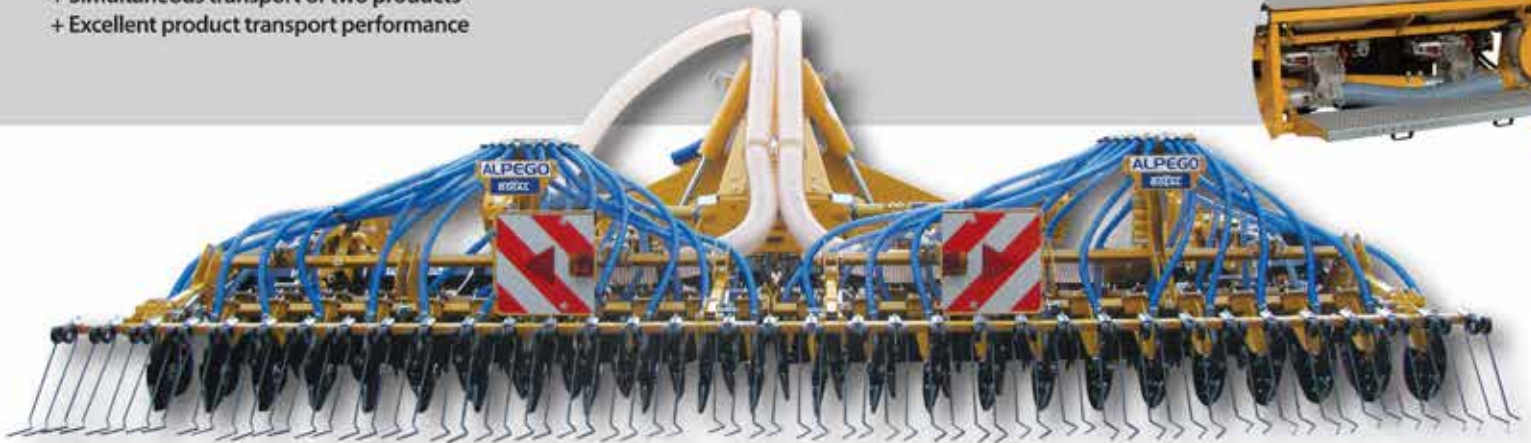
The ASmaX compact front hopper also allows the simultaneous distribution of fertilizer and seed. Both products are dosed and dispensed independently of each other until they are planted. Designed to offer first class services, ASmaX can also be combined with the Alpego DMax 800 power harrow for maximum seeding width

The advantages of the ASMAX:

- + Large divisible hopper completely in stainless steel
- + Versatility
- + Complete control of sowing
- + Isobus system
- + Quick emptying system and thorough cleaning
- + Simultaneous transport of two products
- + Excellent product transport performance

Capacity hopper 2300 liters
Total hopper opening
Beveled design for greater visibility

Chains



ISOBUS

The ISOBUS connector is the only connection point between the seed-drill and the tractor. The connector transmits data and voltage to 12VDC.



CALIBRATION AND SEEDING TEST

Easy access to the seeding system. The seeding test is easy thanks to the easy-to-reach position of the calibration button.



DESIGNED FOR

RAPESEED

BARLEY

WHEAT



PEAS

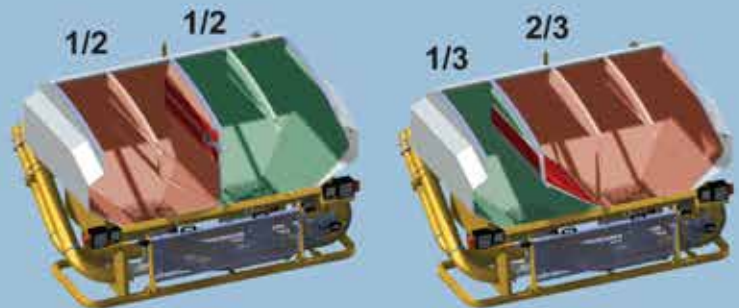
FERTILIZER



Loading mouth: 2030x1020 mm
Loading height: 1385 mm

FRONT HOPPER WITH VARIABLE VOLUME

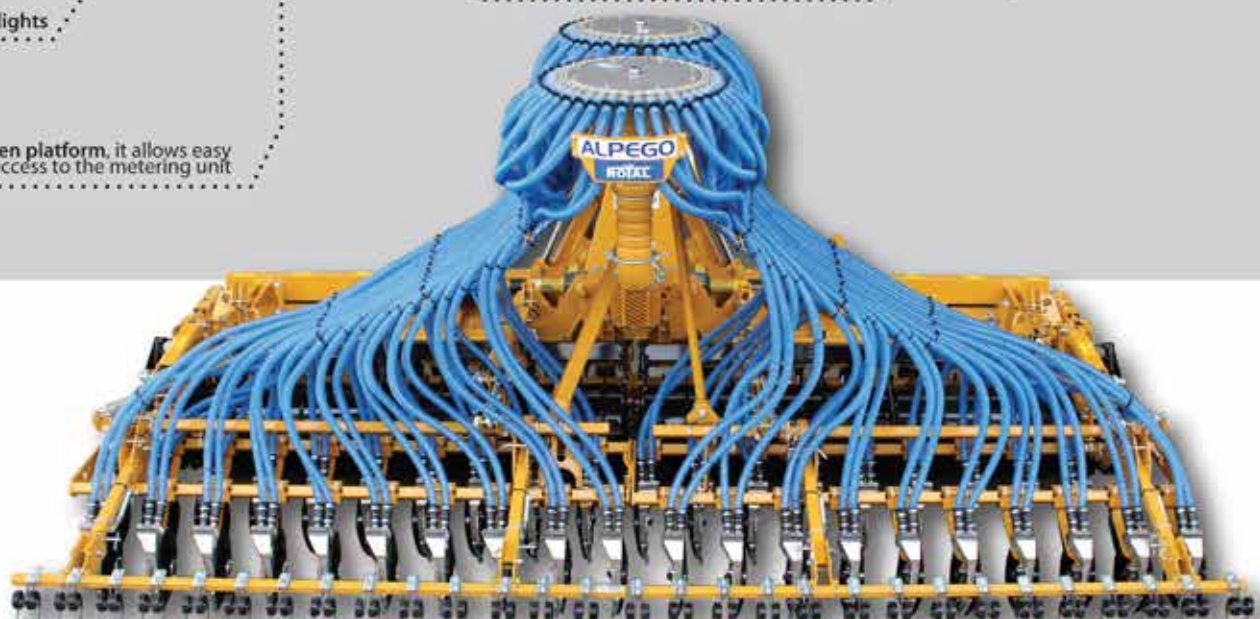
The variable volume hopper, completely in stainless steel, can be completely filled with just one product, or in case of different products to be distributed, it can be divided into two separate parts even with different volume (1/2-1/2 or 1/3-2/3)



Completely in stainless steel, including dispenser, bearings etc ..

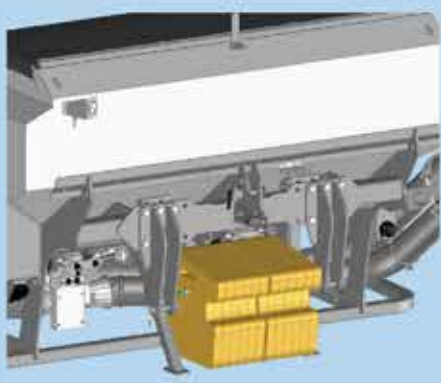
LED work lights

Open platform, it allows easy access to the metering unit



INTEGRATED BALLAST HOLDER

Possibility to add or remove ballast to better balance the tractor.



FRONT WHEELS

It is equipped with 4 self-tracking wheels with a diameter of 740mm that allow to press the free band between the tractor track, favouring the homogeneity of the ground. Its perfect integration below the hopper offers a great compactness of the whole.



BITUBE ELEMENT

The depression cyclone is the only point of junction between the two types of product distributed. It provides a fully independent, separate and uniform management of the 2 different products to obtain a perfect mix





	JET-M	JET-X	ASF	ASmaX	AS4
Working width (cm)	300 350	300 350 400	300 350 400 450 500 600	400 450 500 600 700 800	400 450 500 600
Transport width (cm)	300 350	300 350 400	250	250	250
Number of seeding rows	24 / 28	24 / 28 / 32	24 / 28 / 32 / 36 / 40 / 48	32 / 36 / 40 / 48 / 54 / 62	32 / 36 / 40 / 48
Row spacing (cm)	12.5	12.5	12.5 / 15 (nr°40)	12.5 / 15 (nr°40)	12.5 / 15 (nr°40)
Hopper capacity without extension	1000	1500	1400	2300	1550
Weight of the machine combined with the power harrow BF-300	2140	-	-	-	-
Weight of the machine combined with the power harrow RM-300	2485	-	-	-	-
Weight of the machine combined with the power harrow RK-300	2610	2690	2780	-	-
Weight of the machine combined with the power harrow RmaX-400	-	3580	3570	-	-
Weight of the machine combined with the power harrow DP-600	-	-	4650	-	4630
Weight of the machine combined with the power harrow DKS-600	-	-	4980	5170	4900
Weight of the machine combined with the power harrow DmaX-600	-	-	5720	6170	5900
Weight of the machine combined with the disc cultivator MG-300	-	-	3090	-	-

The weights of the combined machine are indicative and may vary depending on the configuration.



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