WIZARD
PLANTERS

VACUUM PRECISION PLANTERS

PRODUCT CATALOGUE

WIZARD let you seed:

and many others...

WIZARD PLANTERS

WIZARD srl company was born to implement our over 30 years background on agro-industrial area, mainly on vacuum precision planters.

We have designed a range of vacuum precision planters to give several solutions to all customers who needs to seed a wide range of crops.
WIZARD planters are suitable for planting all types of monogerm seeds, horticulture and more.

ACCURACY AND ADAPTABILITY

Our seeders, being equipped with a vacuum metering unit, stand out for their **adaptability to different types of seeds**.
The seeder can sow small seeds such as carrots, onions, salads and many more up to larger seeds such as corn, beans, soybeans and many others.
The **change of the type of seed and the sowing distance** on the row is made with simple and quick adjustments.
The seed metering unit is designed to work even at much higher speeds than the actual working speed, this guarantees high precision.
The adaptability of our vacuum metering unit is also given by the sowing systems R2 and R3.

These systems transform each single sowing unit with 1 line into 2 and 3 sowing lines in a very short time and without using tools.
They can be applied to all our models and have the advantage that the seeder can be transformed in a short time and therefore switch from sowing pumpkin, courgettes, corn etc. to the specific sowing of vegetables quickly.
Our planters are adaptable to a wide range of users as well as crops. They can be used **in greenhouse and in open field**, by seed producers or by those who have small plots of land to reduce costs.

MODULARITY AND MANAGEABILITY

The modularity of our seeders allows to satisfy the need, by adapting the same machine from sowing crops that need a large surface for the germination, such pumpkin, corn, courgettes, melons etc. to crops that need less surface like most vegetables.
The gearbox mounted on each sowing unit allows **great modularity and customization of the seeders**.

This modularity also gives the possibility of being able to ship partially disassembled, boxed and therefore considerably reduce the paking dimensions.
The **reduced weight and size** of our entire range allows easy handling, even inside greenhouses as well as in transportation.
All this while maintaining the **sowing quality** that distinguishes precision pneumatic sowing.

OUR RANGE

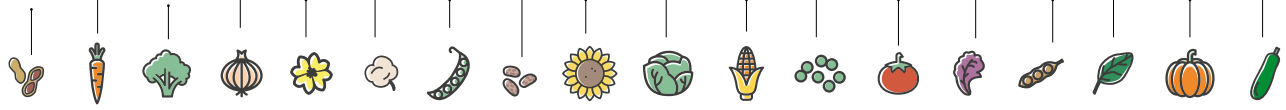
The **WZ-A Series** are self-propelled models powered by a 4-stroke engine with a 4.5 HP. It has 1, 2 or 3 sowing units.
The **WZ-B Series** is composed of a two wheel tractor connected to a vacuum precision planters with 1,2 or 3 units.
The **WZ-C Series**, models that are applied to a two wheel tractor (BCS, Pasquali, Ferrari, Nibbi, Bertolini and Goldoni) and have 1,2 or 3 sowing units.
The **WZ-D Series**, seeders for medium-small tractors (about 50 HP, forward speed of about 3 km / h). The WZ-D series consists of 1 up to a maximum of 5 sowing units. Suitable for a wide range of crops.

The **WZ-E series**, an eco self-propelled, battery-powered seeder. The drive and the vacuum fan are electrically controlled and it is suitable for planting in greenhouses.
The **WZ-F series**, planters for small tractors, focused for horticulture farmers and raised bed seeding. Equipped with up to 8 sowing units.

Furthermore, the WZ-C and WZ-D models are **fully customizable** according to customer needs. This customization increase possibilities of finding the solution for farmer requires.

· CROPS ·

Groundnut, Carrot, Cauliflower, Onion, Rape, Cotton, Green bean, Bean, Sunflower, Lettuce, Maize, Green pea, Tomato, Radicchio, Soybean, Spinach, Pumpkin, Zucchini



and many others...

WZ-A series SELF-PROPELLED

The WZ-A Series includes 3 self-propelled models powered by a 4.5hp 4-stroke engine.
It consists of 1,2 or 3 sowing units.

1. 4 stroke engine - 4,5 hp
2. Vacuum fan
3. Drive wheels
4. Soil leveler
5. Sowing vacuum metering unit
6. 3 liters seed hopper
7. Shoe opener and seed tube
8. Sowing depth adjustment
9. Gearbox for seeding distance adjustment
10. Closing wheel and metering unit traction
11. Safety advancment lever

WZ-A10

WZ-A20

Min. distance between rows: 25cm

WZ-A30

Min. distance between rows: 25cm

A Closing wheel and metering unit traction

B Vacuum precision sowing unit

DATA CHART

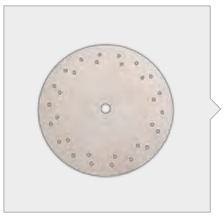
	N° row	Row distance [cm]	Chassis [cm]	Width [cm]	Lenght [cm]	Height [cm]	Weight [kg]
WZ-A10	1	-	-	53	170	95	64
WZ-A20	2	45	70	70	180	105	105
	2	75	100	100	180	105	105
WZ-A30	3	45	120	120	180	105	126

ACCESSORIES

R2 and R3 solutions
page details 18-19

Seed clean out

Flat closing wheel

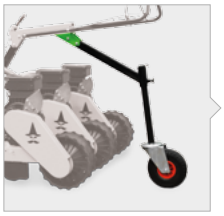


Seed discs

Seed coverer

Double wheel traction

Raised bed sowing
WZ-A10 only



Rear pivot wheel
WZ-A20 and WZ-A30 only

WZ-E series SELF-PROPELLED

The WZ-E series, an eco self-propelled, battery-powered seeder.
The drive and the vacuum fan are electrically controlled.
It is suitable for planting in greenhouses, where farmers may have problems with emissions.

1. VRLA battery 12V
2. Electric vacuum fan
3. Electric drive wheels
4. Sowing vacuum metering unit
5. 3 liters seed hopper
6. Shoe opener and seed tube
7. Sowing depth adjustment
8. Gearbox for seeding distance adjustment
9. Closing wheel and metering unit traction
10. Safety advancment lever

WZ-E10

FULL ELECTRIC DRIVE

- Switch on/switch off
- Fan adjustment
- Speed adjustment
- Battery check

ECO-ADVANTAGES

- Zero-emissions
- Rechargable Battery
- Electric advancement
- Electric fan
- Easy speed-vacuum adjustment
- Safety relase

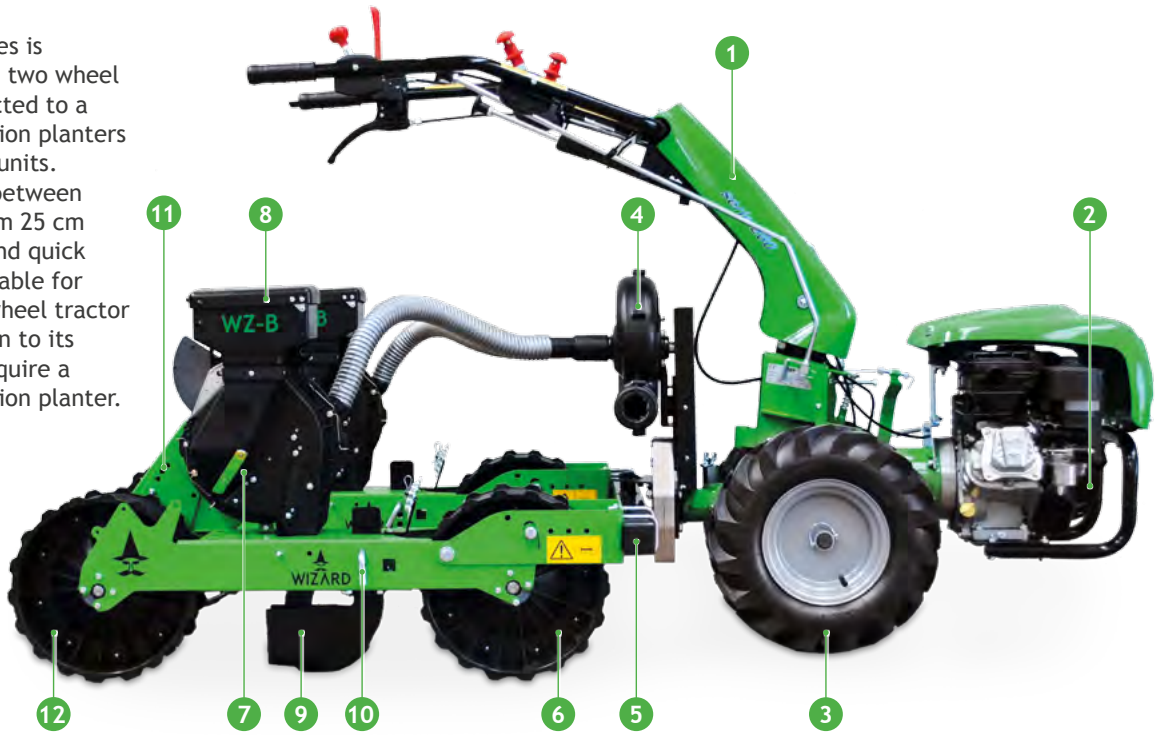
ECO-USERS

- Greenhouses
- Laboratory test
- Seed producer
- Small seeding plots
- Developing countries
- Hobby or semi-professional
- Farmers km 0
- Horticolture with small plots and many others

	N° row	Row distance [cm]	Chassis [cm]	Width [cm]	Lenght [cm]	Height [cm]	Weight [kg]
WZ-E10	1	-	-	50	150	95	61

WZ-B series TWO-WHEEL TRACTOR

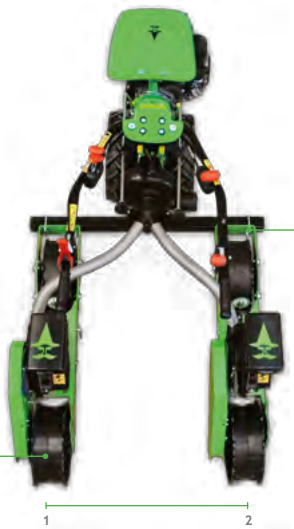
The WZ-B Series is composed of a two wheel tractor connected to a vacuum precision planters with 1, 2 or 3 units. The distance between them goes from 25 cm up, It's easy and quick to adjust. Suitable for users of two wheel tractor who in addition to its accessories require a vacuum precision planter.



1. Two-wheel tractor
2. 4 stroke engine
3. Tractor drive wheels
4. Vacuum fan
5. Chassis
6. Soil leveler wheel
7. Sowing vacuum metering unit
8. 3 liters seed hopper
9. Shoe opener and seed tube
10. Sowing depth adjustment
11. Gearbox for seeding distance adjustment
12. Closing wheel and metering unit traction

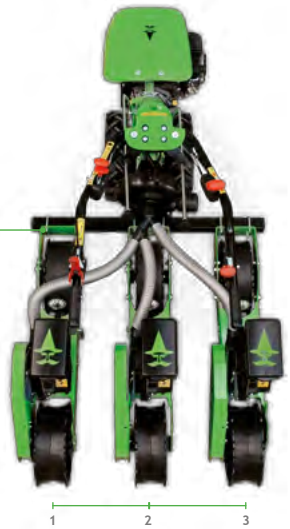
WZ-B10

WZ-B20



Min. distance between rows: 25cm

WZ-B30



Min. distance between rows: 25cm

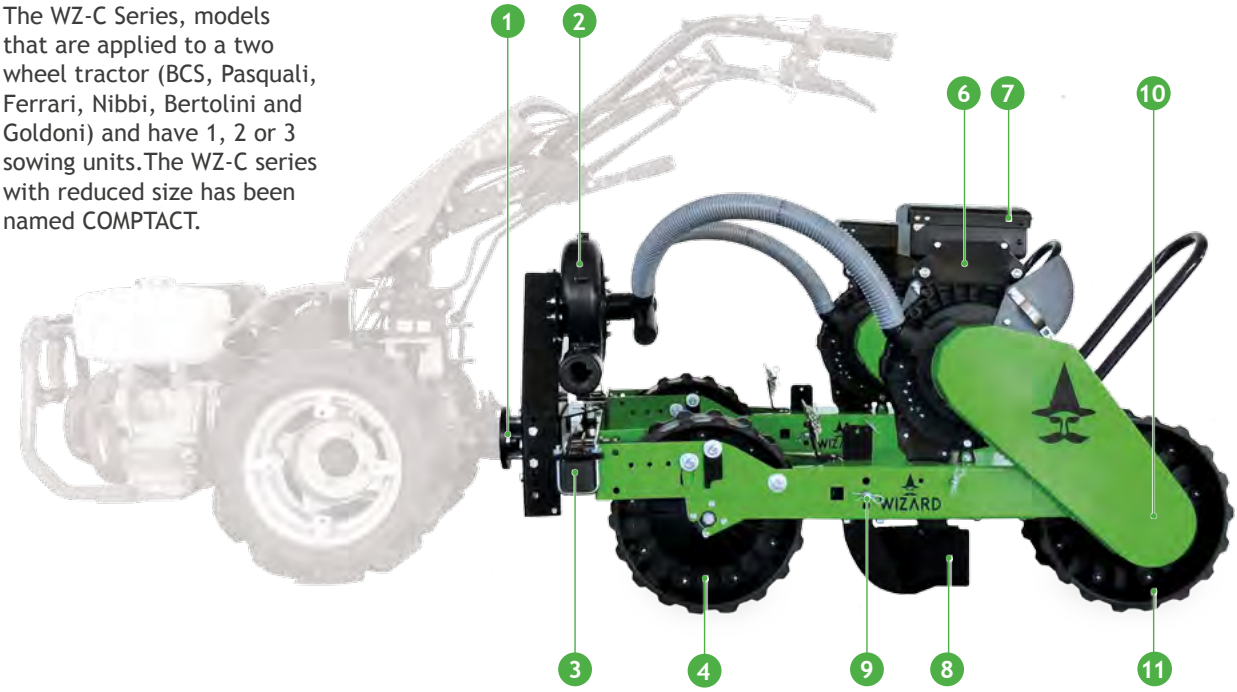
A Closing wheel and metering unit traction

B Vacuum precision sowing unit

	N° row	Row distance [cm]	Chassis [cm]	Width [cm]	Lenght [cm]	Height [cm]	Weight [kg]
WZ-B10	1	-	30	55	200	120	106
WZ-B20	2	45	70	70	200	120	128
	2	75	100	100	200	120	128
WZ-B30	3	45	120	120	200	120	150

WZ-C series FOR TWO-WHEEL TRACTOR

The WZ-C Series, models that are applied to a two wheel tractor (BCS, Pasquali, Ferrari, Nibbi, Bertolini and Goldoni) and have 1, 2 or 3 sowing units.The WZ-C series with reduced size has been named COMPTACT.

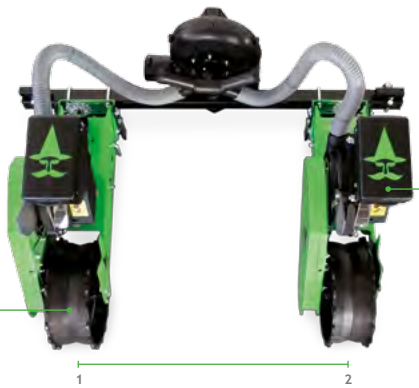


1. PTO connection
2. Vacuum fan
3. Chassis
4. Soil leveler wheel
5. Clod remover leveler *(WZ-C COMPACT)*
6. Sowing vacuum metering unit
7. 3 liters seed hopper
8. Shoe opener and seed tube
9. Sowing depth adjustment
10. Gearbox for seeding distance adjustment
11. Closing wheel and metering unit traction

	N° row	Row distance [cm]	Chassis [cm]	Width [cm]	Lenght [cm]	Height [cm]	Weight [kg]	PTO connection
WZ-C10	1	-	30	30	125	80	36	BCS PASQUALI FERRARI NIBBI BERTOLINI FORT GOLDONI
WZ-C20	2	45	70	70	125	80	58	
	2	75	100	100	125	80	58	
WZ-C30	3	45	120	120	125	80	80	

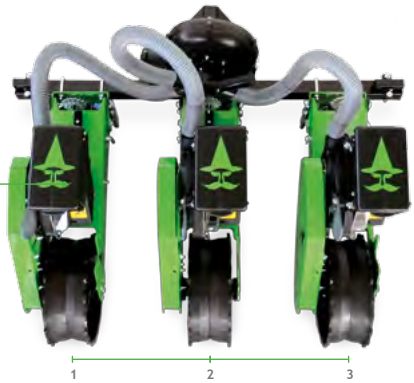
WZ-C10

WZ-C20



Min. distance between rows: 25cm

WZ-C30



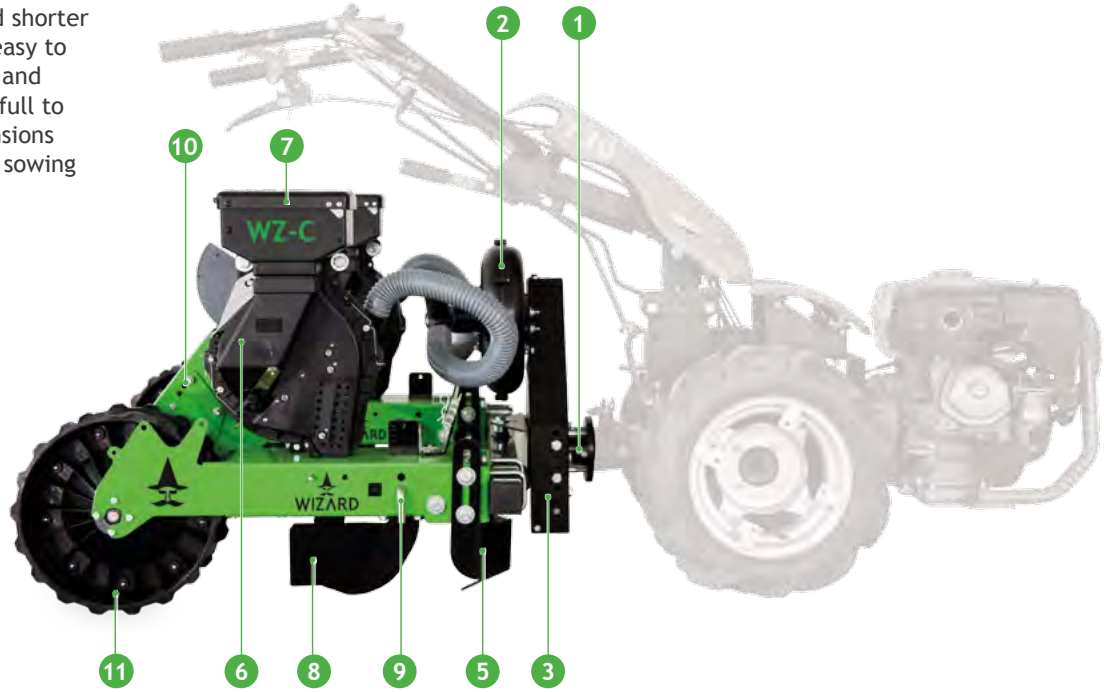
Min. distance between rows: 25cm

A Closing wheel and metering unit traction

B Vacuum precision sowing unit

WZ-C COMPACT

It's the lighter and shorter version of WZ-C, easy to handle in working and in transport thankfull to his reduced dimensions and keeping same sowing quality.



	N° row	Row distance [cm]	Chassis [cm]	Width [cm]	Lenght [cm]	Height [cm]	Weight [kg]	PTO connection
WZ-C10	1	-	30	30	95	80	33	BCS PASQUALI FERRARI NIBBI BERTOLINI FORT GOLDONI
WZ-C20	2	45	70	70	95	80	52	
	2	75	100	100	95	80	52	
WZ-C30	3	45	120	120	95	80	71	

WZ-C AND WZ-C COMPACT ACCESSORIES

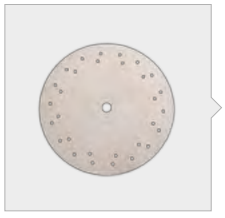
R2 and R3 solutions
page details 18-19

Flat closing wheel

Seed clean out

Seed coverer

Clod-remover
WZ-C only



Seed discs

WZ-D series FOR TRACTORS

The WZ-D Series, seeders for medium-small tractors (about 50 HP). The WZ-D series consists of 1 up to a maximum of 5 sowing units and the distance between them goes from 25 cm up. Suitable either for sowing on open field and on raised bed.

1. Three point linkage - CAT.1 and CAT.2
2. Vacuum fan
3. Chassis
4. Parking stand
5. Clod remover
6. Soil leveler wheel
7. Sowing vacuum metering unit
8. 3 liters seed hopper
9. Shoe opener and seed tube
10. Screw sowing depth adjustment
11. Gearbox for seeding distance adjustment
12. Heavy closing wheel and metering unit traction

WZ-D20

Min. distance between rows: 25cm

WZ-D30

Min. distance between rows: 25cm

WZ-D40

Min. distance between rows: 25cm

A. Closing wheel and metering unit traction

B. Vacuum precision sowing unit

DATA CHART

	N° row	Row distance [cm]	Chassis [cm]	Width [cm]	Lenght [cm]	Height [cm]	Weight [kg]	Potenza [hp]
WZ-D10	1	-	100	100	140	80	74	15
WZ-D20	2	45	100	100	140	80	95	15
	2	75	100	100	140	80	95	15
WZ-D30	3	45	120	120	140	80	124	25
	3	75	175	175	140	80	124	25
WZ-D40	4	45	160	160	140	80	159	25
	4	75	250	250	140	80	166	30
WZ-D50	5	30	160	160	140	80	188	30
	5	45	250	250	140	80	195	30

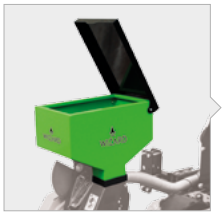
ACCESSORIES

R2 and R3 solutions
page details 18-19

Flat closing wheel

Seed clean out

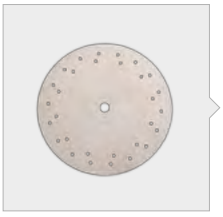
Seed coverer



15 L seed hopper

Scarper

Row marker



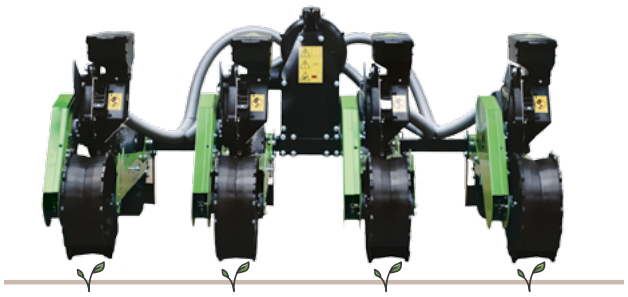
Seed discs

Vacuum gauge

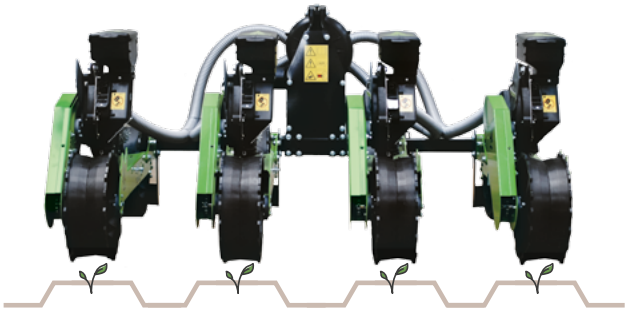
WZ-D CONFIGURATIONS RAISED BED SOWING

WZ-D series has features that make it versatile:
- Reduced weight
- Single transmission on each sowing unit
- Distance between rows easy to change
- Easy to change crops

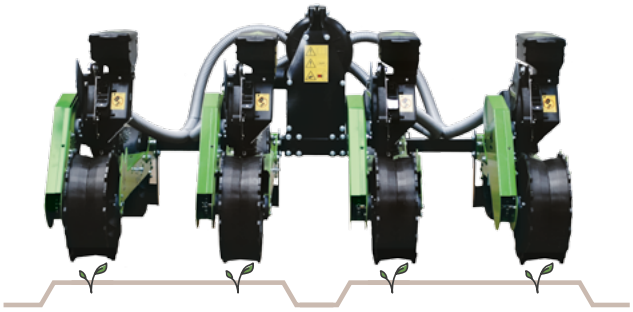
The versatility of this planter is represented in some configuration illustrated below.



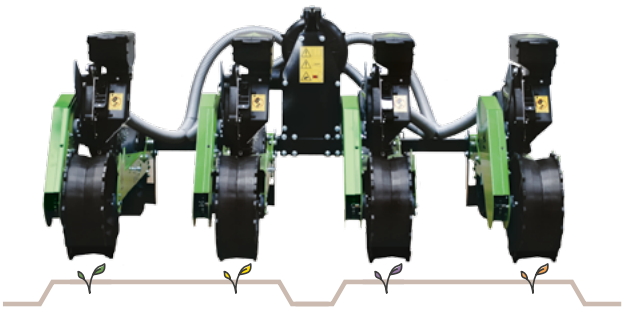
Traditional field



1 sowing unit each raised bed



More sowing units each raised bed



More sowing units each raised bed and different cropsq

WIZARD

WZ-F series FOR TRACTORS

The WZ-F series, planters for small tractors (approx. 50 HP).
Suitable for horticulture and vegetable farmers.
Specific for sowing on raised bed given by the height-adjustable wheels.

1. Three point linkage - CAT.1 and CAT.2
2. Vacuum fan
3. Vacuum gauge
4. Adjustable height wheel max. 20 cm
5. Chassis
6. Clod remover leveler
7. Sowing vacuum metering unit
8. 3 liters seed hopper
9. Shoe opener and seed tube
10. Screw sowing depth adjustment
11. Gearbox for seeding distance adjustment
12. Closing wheel and metering unit traction

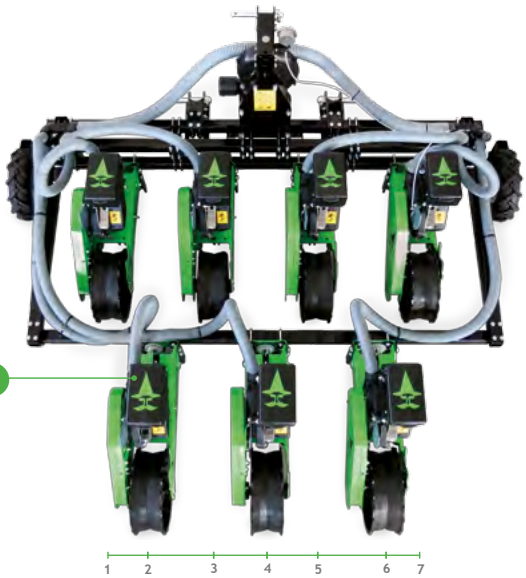
WZ-F40

Min. distance between rows: 22,5cm

WZ-F50

Min. distance between rows: 22,5cm

WZ-F70



Min. distance between rows: 22,5cm

A Closing wheel and metering unit traction

B Vacuum precision sowing unit

DATA CHART

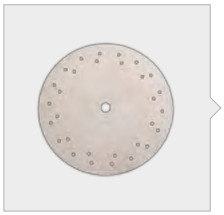
	N° row	Row distance [cm]	Chassis [cm]	Width [cm]	Lenght [cm]	Height [cm]	Weight [kg]	Potenza [hp]
WZ-F40	4	22,5	120	155	190	80	180	40
WZ-F50	5	22,5	160	195	190	80	210	40
WZ-F70	7	22,5	200	235	190	80	255	50
WZ-F80	8	22,5	225	260	190	80	280	50

ACCESSORIES

R2 and R3 solutions
page details 18-19

Seed clean out

Flat closing wheel



Seed discs

Seed coverer

15 L seed hopper

Scarper

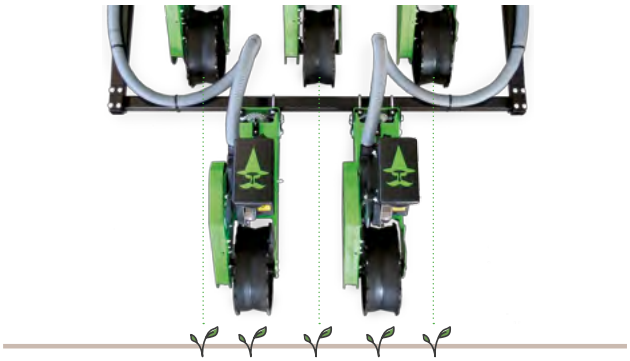
WZ-F CONFIGURATIONS RAISED BED SOWING

The WZ-F series has characteristics that make it suitable for sowing vegetables on raised bed, even in small greenhouses:

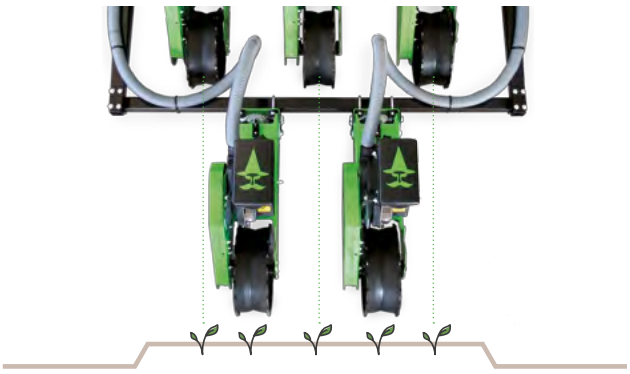
- Reduced and homogeneous distance between the sowing units
- Height adjustable side wheels
- Low weight
- Easy crop change

The ductility of this seeder is represented in some configurations illustrated below.

WZ-F50 and WZ-F70

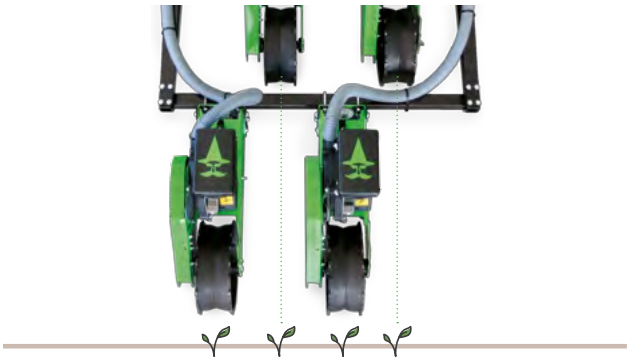


Traditional field

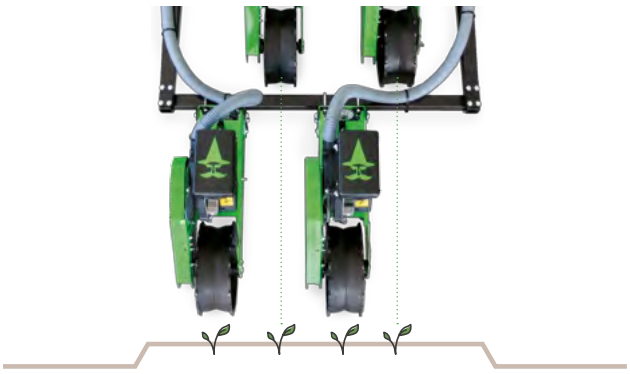


On raised bed

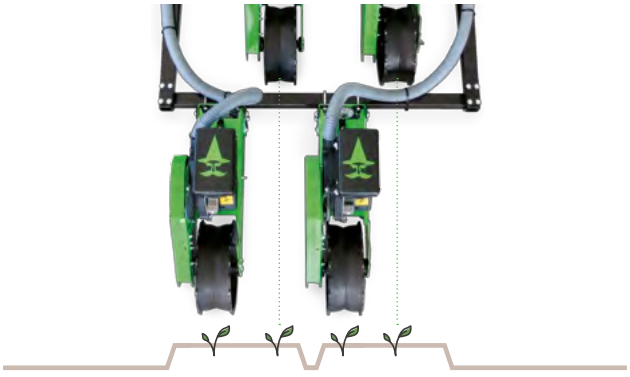
WZ-F40 and WZ-F80



Traditional field



On raised bed



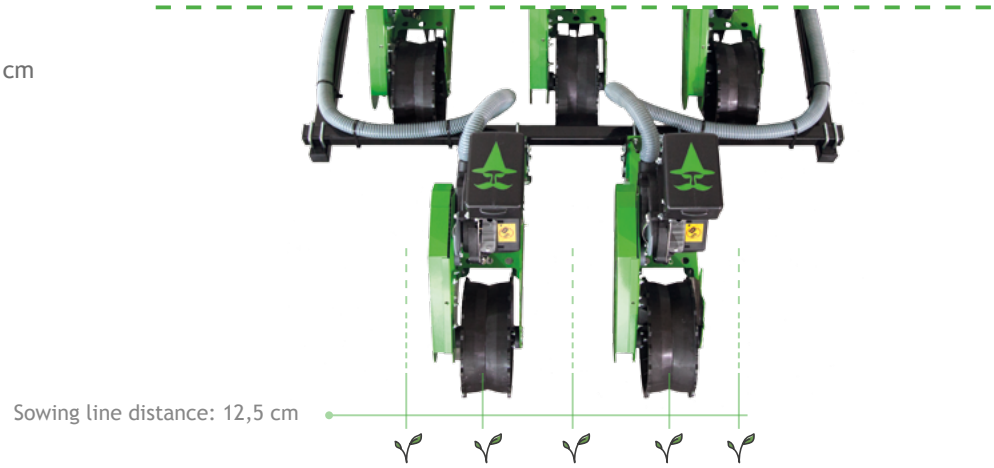
On 2 raised bed

WZ-F R2 and R3 2 AND 3 SOWING LINE EACH UNIT

In the WZ-F series, the R2-R3 solutions are enhanced by the homogeneity of the distance between the sowing lines, bringing the distance to 9 cm and 4.5 cm from the first to the last line without any detachment between the sowing units.

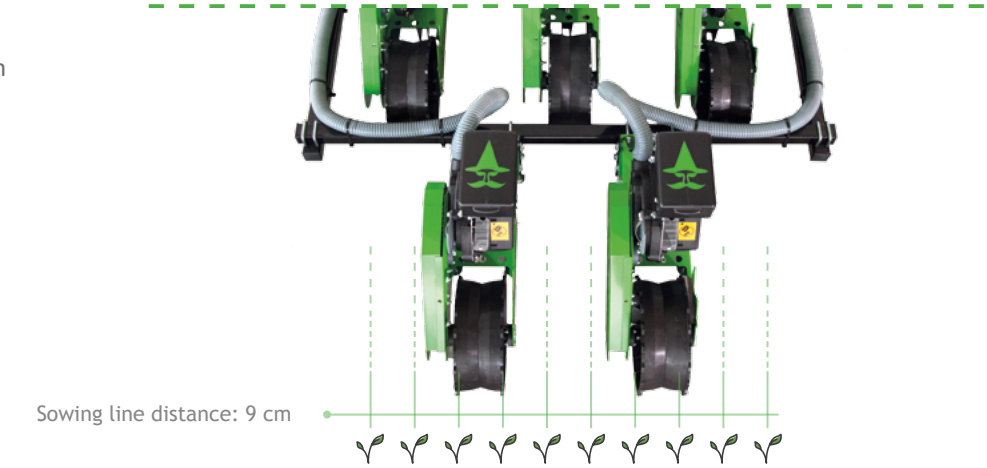
STANDARD

5 sowing line each unit x 12,5 cm



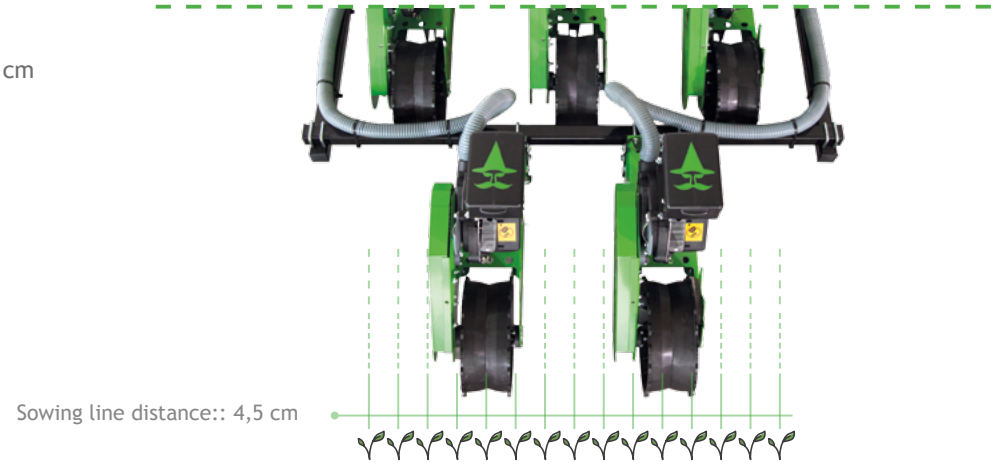
R2

10 sowing line each unit x 9 cm



R3

15 sowing line each unit x 4,5 cm



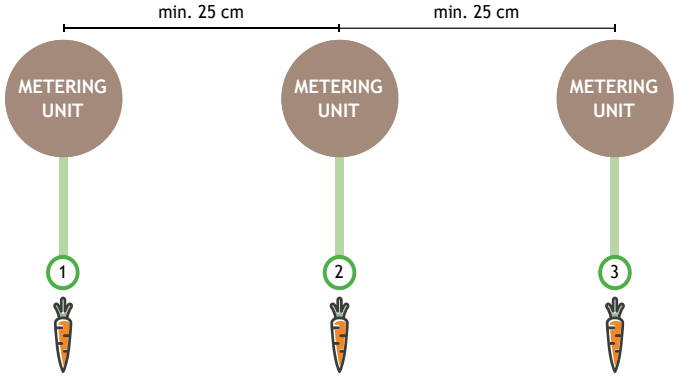
R2-R3 solutions 2 AND 3 SOWING LINE EACH UNIT

R2 and R3 solutions let us reduce the distance between sowing lines up tp 9 cm and 4,5 cm.
The sowing unit distance is currently min. 25 cm and 12,5 cm in WZ-F model.
This solutions let us also multiply sowing lines, as every single line sowing unit will have 2 and 3 lines.

STANDARD

1 sowing line each unit

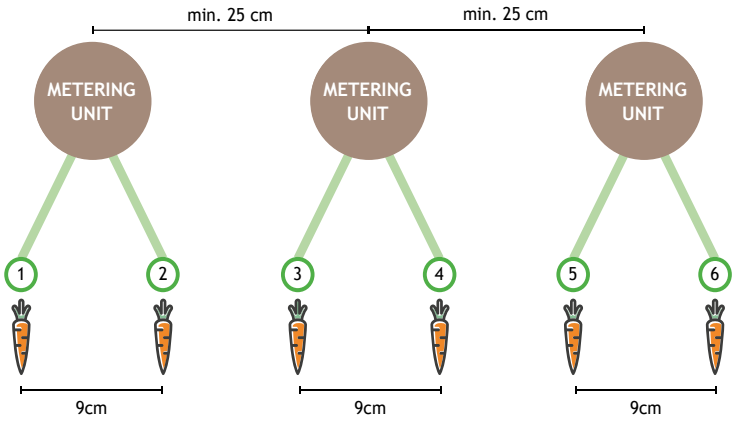
WZ-D30 STD =
3 sowing lines



R2

2 sowing lines each unit

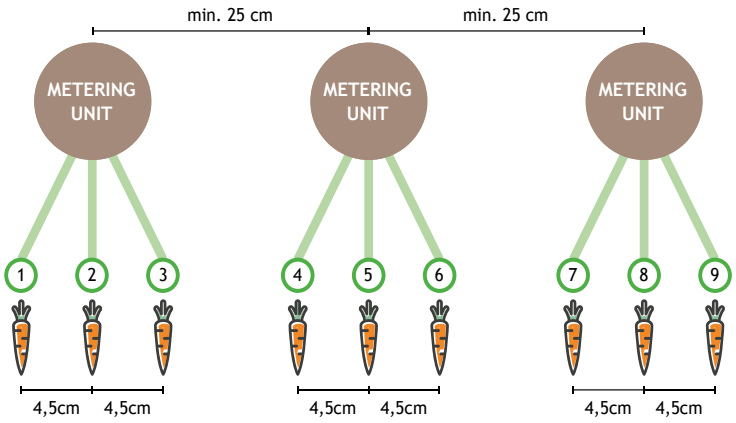
WZ-D30 + **R2** =
6 sowing lines



R3

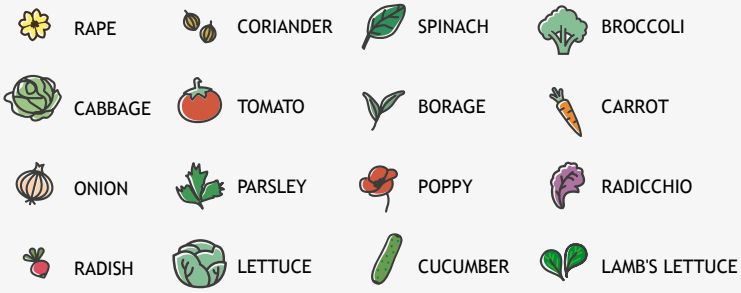
3 sowing lines each unit

WZ-D30 + **R3** =
9 sowing lines



Sowing CROPS

STANDARD DS1



and many others...

DSS

and many others...

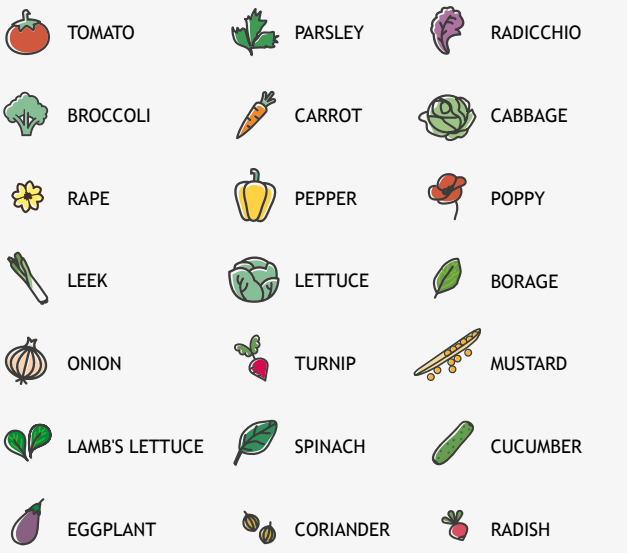
R2 DS2

SEED DISCS FOR R2 AND R3 SOLUTIONS

Shoe opener	Seeds	Small seeds
STANDARD	DSS	DS1
R2	/	DS2
R3	/	DS1 - DS2 - DS3

DSS	*Standard*
DS1	*1 line small seeds*
DS2	*2 lines small seeds*
DS3	*3 lines small seeds*

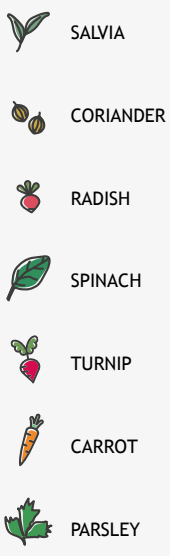
R3 DS1



and many others...

DS2

DS3



Request seed discs charts to discover more crops and seed discs.

WZ-C customized

Build your own WZ-C planter choosing from various shown components, according to your needs.

TWO-WHEEL TRACTOR CONNECTION

PTO connection fully mounted with vacuum fan and row marker

SOWING UNIT

2 kit available

Kit 750 COMPACT

Kit 1050 STANDARD

CHASSIS

4 different width chassis available

300 mm

700 mm

1000 mm

1200 mm

VACUUM PIPE

ANTI-UV Spiral tube

Ø40 Anti-UV

ACCESSORIES *page 9*

WZ-D customized

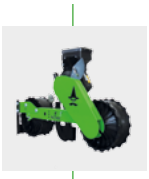
Build your own WZ-D planter choosing from various shown components, according to your needs.

TWO-WHEEL TRACTOR CONNECTION

3 point linkage fully mounted with PTO connection connection and vacuum fan

SOWING UNIT

Kit 1050 WZ-D



CHASSIS

5 different width chassis available

1000 mm

1200 mm

1600 mm

1750 mm

2500 mm

VACUUM PIPE

ANTI-UV Spiral tube

Ø40 Anti-UV

ACCESSORIES *page 11*

WIZARD packaging

We can ship your planter fully mounted ready to seed or partialy diassembled to reach a compact packaging, reducing the volume.

2500 mm

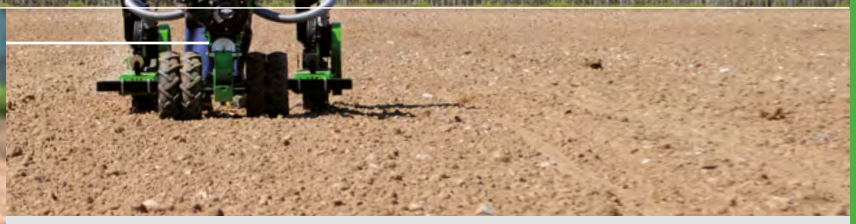
ASSEMBLED

2500 mm

DISSASSEMBLED

1650 mm

1350 mm



730
WIZARD

888-00-DPL-00000

WIZARD

Design, manufacturing and marketing of the small pneumatic self-propelled precision planters.

Our products are suitable for a wide number of users:
· *Small seeding plots*
· *Developing countries*
· *Hobby or semi-professional*
· *Farmers km 0*
· *Greenhouses*
· *Horticulture with small plots*
· *Seed Producers*
and many others...

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