



ST9
ST11



New line of automatic transplanters



57

ST9 ST11



> Simplicity and innovation for greater efficiency

ST9 and **ST11** are the new line of Sfogia semi-automatic transplanters, manufactured for an efficient and high performing transplant.

ST9 and **ST11** are suitable for transplanting young plants with conic or pyramidal-shaped plugs. They are ideal for salad, chicory, tomato, cabbage and lettuce.

The Elektra and Elektra Isobus versions respond to the concepts of agriculture 4.0.





ST9 with furrow opener disc and front Rain compression wheel

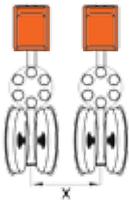
ST9

ST9 is the semi-automatic Sfoggia transplanter born for transplanting at narrow row distances, minimum 30 cm.

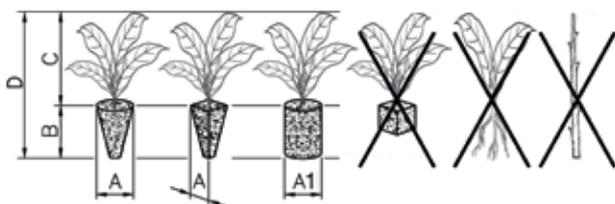
It is suitable for transplanting young plants with alveolar plug. The plants distributor is equipped with 9 cups in order to obtain a high productivity with compact dimensions; the carousel rotation is jerky to keep the falling phase at low and high advance speeds; the self-cleaning plowshare grants less down times of the machine during the transplant.

Production up to 5000 plants/hour per operator.

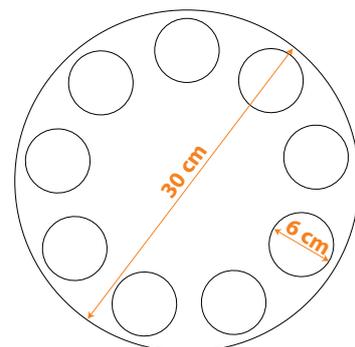
Also available in ELEKTRA and ELEKTRA ISOBUS version for a smart management of the transplant through an electronic control of the distance by a monitor.



Minimum "X" row distance between transplant units: cm	30
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ST9	Min ÷ Max (cm)
A	2,0 ÷ 3,5
A1	1,5 ÷ 2,5
B	4,0 ÷ 6,0
C	8,0 ÷ 18,0
D	12,0 ÷ 25,0



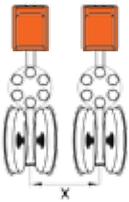
ST11

ST11 is the semi-automatic Sfoggia transplanter born for transplanting at narrow row distances, minimum 45 cm.

It is suitable for transplanting young plants with alveolar plug. The plants distributor is equipped with 11 cups in order to obtain a high productivity with compact dimensions; the carousel rotation is jerky to keep the falling phase at low and high advance speeds; the self-cleaning plowshare grants less machine down times during the transplant.

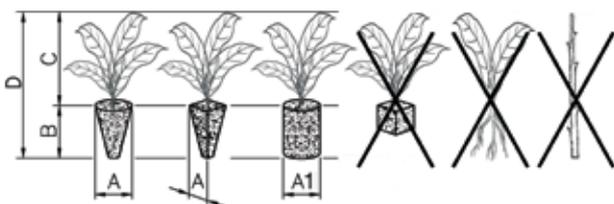
Production up to 5500 plants/hour per operator.

Also available in ELEKTRA and ELEKTRA ISOBUS version for a smart management of the transplant through an electronic control of the distance by a monitor.

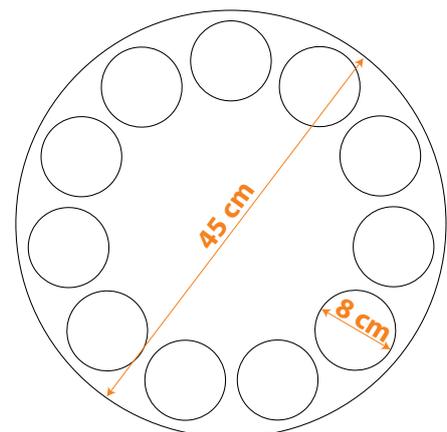


Minimum "X" row distance between transplant units: cm

45



ST11	Min ÷ Max (cm)
A	3,0 ÷ 5,0
A1	2,5 ÷ 4,0
B	4,0 ÷ 6,0
C	8,0 ÷ 18,0
D	12,0 ÷ 25,0



> Transplant units

STANDARD CONFIGURATION



ST9

MECHANIC



ST11

MECHANIC



ST9

ELEKTRA



ST11

ELEKTRA
ELEKTRA ISOBUS

STANDARD ST9

- Rubber seat.
- Guillotine for plants support.
- Rubber compression wheels 400x60 mm, with possibility of multiple adjustments.
- Stainless steel plants falling pipe with hexagonal section.
- Front parallelogram.
- Carousel plants holder up to 2 rows.
- Plants tray carrier when more than 2 rows, or by request.
- Choice of steel shoes with boron up to 7 mm base. Over 7 mm, shoes in HARDOX with extra-hard replaceable front insert (to reduce costs)

STANDARD ST11

- Rubber seat or PVC seat.
- Guillotine for plants support.
- Rubber compression wheels, with possibility of multiple adjustments.
- Stainless steel plants falling pipe with hexagonal section.
- Front parallelogram.
- Carousel plants holder.
- Choice of steel shoes with boron up to 7 mm base. Over 7 mm, shoes in HARDOX with extra-hard replaceable front insert (to reduce costs)

STANDARD ELEKTRA ST9 - ST11

In addition to each model's standard configuration, this version includes:

- compact-sized electric brushless motor.
- customized multifunction touchscreen display, weather-resistant.
- cabling and connections of automotive sectors.
- control of the transplant distances on each single row.

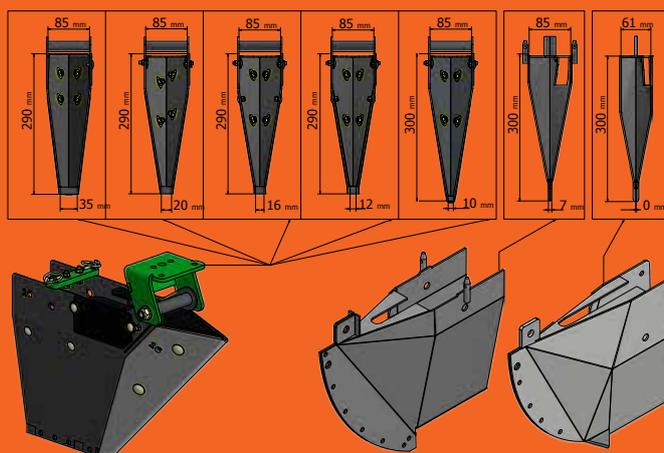
STANDARD ELEKTRA ISOBUS ST9 - ST11

On demand, available even in ISOBUS version, with tractor's video terminal or with additional video terminal.



> Available shoes TO CHOOSE

Shoes with replaceable wear-resistant tip made of steel, easily and quickly openable for internal cleaning. Each model has its steel kicker.



ST9 ST11

ST9 and **ST11** can be equipped with **rear** soft rubber seats or with a wooden bench (according to the configurations) and rear and lateral platforms.

The drive is given by front "tractor" wheels or by rubber front roller on the mechanical versions.

> Back seat



XL Wheels for compact front version



Tractor roller



Wooden Bench

ST9 ST11

ST9 and **ST11** can be equipped with front soft rubber seats or with a wooden bench.
The drive is given by front "tractor" wheels or by rear "tractor" wheels on the mechanical versions.

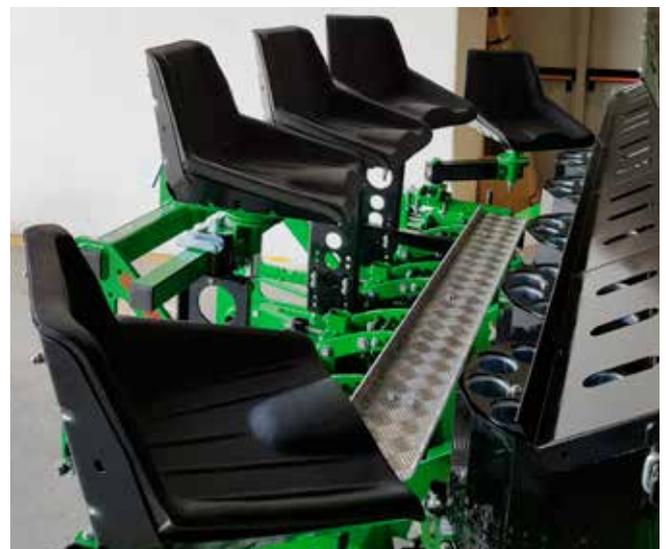
> Front seat



Hydraulic depth adjustment on "tractor" wheels



"Tractor" wheel



Detail of rubber seats (fixed or rotating)





High-capacity plants carrier frame, configurable with support racks for flexible trays or tubular supports for rigid trays. Up to 48 trays on the 2,45m version (tubular version with trays of 30x50 cm).

> Accessories on request

- Watering device with tap fixed on the shoe, automatically mechanically commanded and additional water tank.
- Fixed hose layer, in height adjustable. On request it can be combined with fixed burying device with spring, or mobile on parallelogram.
- Pipe layer.
- Microgranulator with volumetric distributors. Plastic hopper of 18L, mounted behind the transplant unit, with mechanic or electric drive.
- Fertilizer with volumetric distributors. Stainless steel hopper mounted on the machine's frame, with mechanic or electric drive. Shoe coulters with Flex tine or with double discs.
- Manual, mechanic or hydraulic row marker.
- Gear box in oil bath with lever for transplant distance adjustment.
- Hydraulic adjustment of the unit's pressure.
- RAIN or FARMFLEX front rubber wheels.
- Rear rubber compression wheels of different sizes.
- Furrow-opening disc in front of the transplant unit.
- Front rotative toothed wheels for removal of cultural residues.
- Plant tray carrier with one, two or more racks.
- Tower plant tray holder with more shelves, mounted on the machine's front frame.
- Front clod pusher mounted on the unit or on the machine's frame.
- Compression skid eventually with "V"-shaped rubber compression wheels of 1" or 2".
- Sunshade roof.
- Road lights and tables.



Electric motor + watering device



Junction box + monitor for version ELEKTRA



Gearbox with lever



Unit pressure loading system



Multiple adjustments of the compression wheels



Road lights and tables



High-capacity plant tray carrier with racks for flexible trays



High-capacity plant tray carrier with tubulars for rigid trays



Tower plants tray holder



Automatic water distributor



Water tank of 200 / 300 L



Mobile hose burying device on parallelogram.



Single pipe layer



Double pipe layer



Burying device with FLEX tine



Stainless steel fertilizer hopper 130 / 160 L



Front electric microgranulator



Rear mechanic microgranulator



Compression skid



Compression wheels 1" or 2"



Front clod pusher



Small row marker up to 3 rows



Light row marker over 3 rows



Sunshade roof in PVC

> Available frames

Mounted fixed frame

Trailed fixed frame

Hydraulic folding frame

Hydraulic telescopic frame

Fixed frame with aluminium plate for a quick row distance adjustment, manual version

Fixed frame with aluminium plate for a quick row distance adjustment, hydraulic version on request

Mounted fixed frame with high-capacity plant tray carrier with racks for flexible trays





Fixed frame **with aluminium plate**
for quick manual lateral movement of the
transplant units on version ELEKTRA ISOBUS
✓





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