

SPAPPERI



BROCHURE ST03

horticultural product range / soil care

SPAPPERI

POST-TRASPLANT SOIL CARE



Spapperi offers various solutions for post-transplant soil care, including inter-row cultivators and inter-plant rotary tillers.

Our machineries are designed to improve operator ergonomics and overall efficiency.

Configurations are available for every needs.

Customized solutions can also be developed.

Made in Italy - UE



Tractor-mounted implement with independent modules for cultivating/weeding any type of row crop with in-row spacing from 40 to 70 cm.

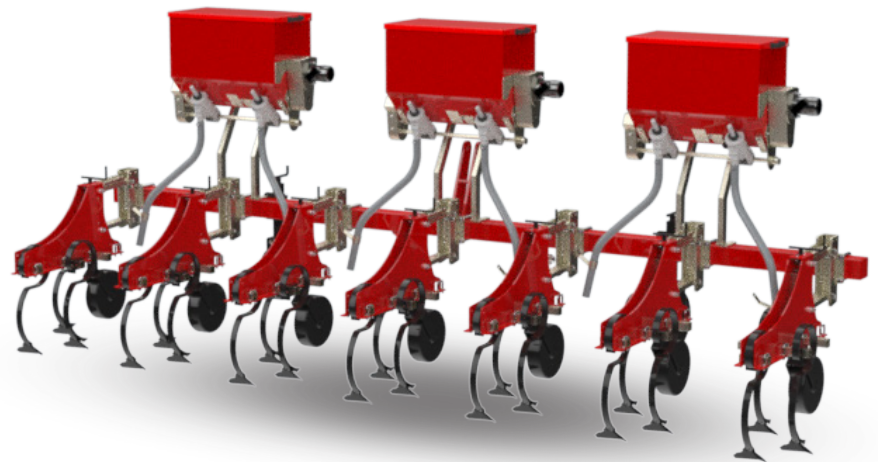
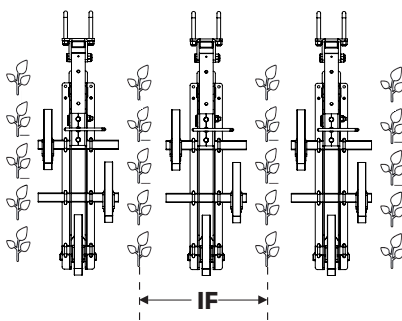
TYPE OF WEEDING



Weeding on open field

LAYOUT PLANTING

SINGLE ROWS



In-row IF
min 40 ÷ max 70 cm
min 16 ÷ max 27 in

REGULAR EQUIPMENT

- Frame and number of elements according to the **setup**.
- Adjustable **support wheels**.
- Elements are equipped with a support wheel and a parallelogram linkage to follow the ground.
- The weeding unit has provisions for **up to 3 springs**.
- **Excluding all required specifications and accessories** (flex weeding springs, furrower mouldboard, ecc)

Number of row

3- 6

Trasmission

NA

In-plant - IP

Any in-plant distance

In-double row - IB

NA

Planting layout

Single rows

Operator seat

No operator on board

In-row - IF

40 – 70 cm / 16 – 27 in

According to the placement of the springs

Estimated productivity

0,4 Ha/h per element



A **SETUPS (Mandatory):** Select the setup according to the number of rows and the In-row spacing.

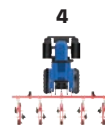
B **REQUIRED SPECIFICATIONS (Mandatory):** Select the key configurations to complete the basic functionality.

C **ACCESSORIES:** If needed add any desired accessories.

A **ST03 SETUPS: CHARACTERISTICS & REQUIREMENT - (Mandatory choice)**

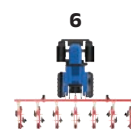
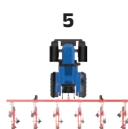
"F1" FIXED FRAMES FEATURING 1 TUBULAR, "P1" FOLDABLE FRAMES FEATURING 1 TUBULAR

SINGLE ROWS



Frame width - cm	250	300	300	350
in	98	118	118	137
Hook - Cat	2	2	2	2
In-row IF (min-max) - cm	40-60	40-70	40-60	40-70
in	16-23	16-27	16-23	16-27
Tractor power - Hp	25-35	25-35	35-45	35-45
Weight (without accessories) - Kg	275	284	346	355-385

SINGLE ROWS



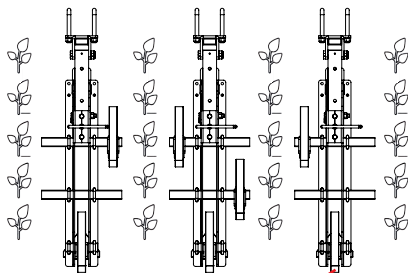
Frame width - cm	350	400	450	450	500
in	137	157	177	177	177
Hook - Cat	2	2	2	2	2
In-row IF (min-max) - cm	40-58	40-66	40-70	40-65	40-70
in	16-23	16-26	16-27	16-25	16-25
Tractor power - Hp	45-55	45-55	45-55	55-65	55-65
Weight (without accessories) - Kg	417-447	426-456	435-465	497-527	497-527

Custom setups can be developed upon request for a higher number of rows and for maximum distances exceeding standard values.



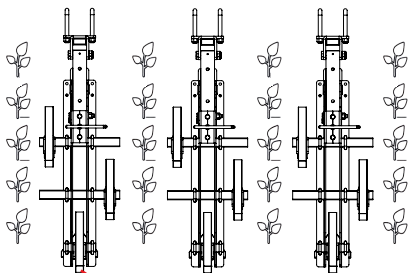
REQUIRED SPECIFICATIONS FOR ST03 - (Mandatory choice)

SET UP WITH OUTER HALF ELEMENTS



OUTER HALF ST03 ELEMENTS - No. 2 SPRINGS

SET UP WITH OUTER FULL ELEMENTS



FULL ST03 ELEMENTS - No. 3 SPRINGS

B1 Weeding spring kit - 1 X M



STANDARD SPRING
DIM. 32 x 12 MM



HEAVY DUTY SPRING:
STANDARD SPRING 32 x 12MM +
REINFORCEMENT

Description

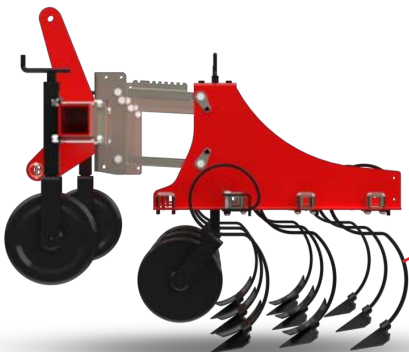
STANDARD WEEDING SPRING

- Standard Spring Kit for 3-Row ST03 Machine - No. 2 full elem. kits and No. 2 outer half-elem. kits
- Standard Spring Kit for 3-Row ST03 Machine - No. 4 full elem. kits
- Standard Spring Kit for 4-Row ST03 Machine - No. 3 full elem. kits and No. 2 outer half-elem. kits
- Standard Spring Kit for 4-Row ST03 Machine - No. 5 full elem. kits
- Standard Spring Kit for 5-Row ST03 Machine - No. 4 full elem. kits and No. 2 outer half-elem. kits
- Standard Spring Kit for 5-Row ST03 Machine - No. 6 full elem. kits
- Standard Spring Kit for 6-Row ST03 Machine - No. 5 full elem. kits and No. 2 outer half-elem. kits
- Standard Spring Kit for 6-Row ST03 Machine - No. 7 full elem. kits

Description

HEAVY DUTY WEEDING SPRING

- Heavy Duty Spring Kit for 3-Row ST03 Machine - No. 2 full elem. kits and No. 2 outer half-elem. kits
- Heavy Duty Spring Kit for 3-Row ST03 Machine - No. 4 full elem. kits
- Heavy Duty Spring Kit for 4-Row ST03 Machine - No. 3 full elem. kits and No. 2 outer half-elem. kits
- Heavy Duty Spring Kit for 4-Row ST03 Machine - No. 5 full elem. kits
- Heavy Duty Spring Kit for 5-Row ST03 Machine - No. 4 full elem. kits and No. 2 outer half-elem. kits
- Heavy Duty Spring Kit for 5-Row ST03 Machine - No. 6 full elem. kits
- Heavy Duty Spring Kit for 6-Row ST03 Machine - No. 5 full elem. kits and No. 2 outer half-elem. kits
- Heavy Duty Spring Kit for 6-Row ST03 Machine - No. 7 full elem. kits

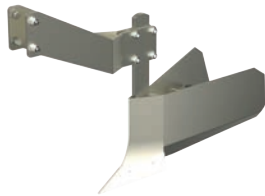


B1 WEEDING SPRING KIT

C

ELEMENT ACCESSORIES AVAILABLE FOR ST03

In-row finiscing

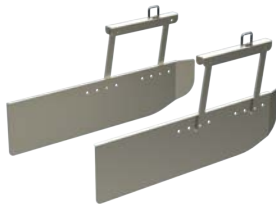


Furrower with muoldboard is usefull for hilling plants

The medium size has a setting range from 20 to 45 cm (from 8-in to 17-in)

FURROWER WITH MEDIUM MOULDBOARD KIT - ST

Plant protection



Plant protection kit is usefull in case of overgrow plant, to protect the plant from the spring's action

PLANTS PROTECTION KIT - ST



Cage Roller is usefull to finiscing the soil

	dimentions	
	cm	in
diamiter	25	10
width	50	20

Different solution for diamiter and width can be developed upon request

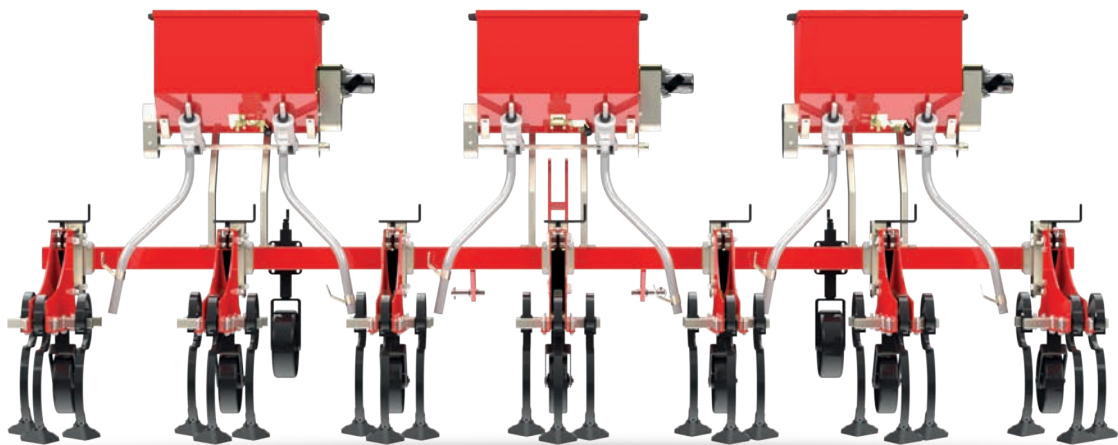
CAGE ROLLER KIT - ST

Dripline lifting



Dripline lifting kit is usefull is useful in cases where a dripline has been laid near the plant

DRIPLINE LIFTING KIT - ST





FRAME ACCESSORIES: FERTILIZER SPREADER WITH WHEEL TRASMISSION

Fertilizer spreader



FERTILIZER SPREADER
MECHANICAL TRASMISSION
IRON STEEL BOX 170L
DOSING EXCLUDED

FERTILIZER SPREADER WITH MECHANICAL WHEEL TRASMISSION AND IRON STEEL BOX AVAILABLE FOR ALL "ST" MACHINE

No. of row	In-row IF	Frame width	No. of box
1	-	-	1
2	≤ 140 cm / 32 in	-	1
2	tutte le interfile	≥ 200 cm / 78 in	2
3	≤ 70 cm / 32 in	-	1
3	≤ 140 cm / 32 in	≥ 200 cm / 78 in	2
3	tutte le interfile	≥ 300 cm /137 in	3
4	≤ 140 cm / 32 in	≥ 200 cm / 78 in	2
4	≤ 140 cm / 32 in	≥ 300 cm /137 in	3
5	≤ 70 cm / 32 in	≥ 200 cm / 78 in	2
5	≤ 140 cm / 32 in	≥ 300 cm /137 in	3
6	≤ 70 cm / 32 in	≥ 200 cm / 78 in	2
6	≤ 140 cm / 32 in	≥ 300 cm /137 in	3
7	≤ 80 cm / 32 in	≥ 300 cm /137 in	3
8	≤ 80 cm / 32 in	≥ 300 cm /137 in	3
9	≤ 70 cm / 32 in	≥ 300 cm /137 in	3

FERTILIZER SPREADER WITH MECHANICAL WHELL TRASMISSION AND STAINLESS STEEL BOX AVAILABLE FOR ALL "ST" MACHINE

No. of row	In-row IF	Frame width	No. of box
1	-	-	1
2	≤ 140 cm / 32 in	-	1
2	tutte le interfile	≥ 200 cm / 78 in	2
3	≤ 70 cm / 32 in	-	1
3	≤ 140 cm / 32 in	≥ 200 cm / 78 in	2
3	tutte le interfile	≥ 300 cm /137 in	3
4	≤ 140 cm / 32 in	≥ 200 cm / 78 in	2
4	≤ 140 cm / 32 in	≥ 300 cm /137 in	3
5	≤ 70 cm / 32 in	≥ 200 cm / 78 in	2
5	≤ 140 cm / 32 in	≥ 300 cm /137 in	3
6	≤ 70 cm / 32 in	≥ 200 cm / 78 in	2
6	≤ 140 cm / 32 in	≥ 300 cm /137 in	3
7	≤ 80 cm / 32 in	≥ 300 cm /137 in	3
8	≤ 80 cm / 32 in	≥ 300 cm /137 in	3
9	≤ 70 cm / 32 in	≥ 300 cm /137 in	3



FERTILIZER SPREADER
MECHANICAL TRASMISSION
STAINLESS STEEL BOX 170L
DOSING EXCLUDED

Fertilizer dosing - Each



GRANULAR FERTILIZER DOSING KIT
SINGLE PIPE



GRANULAR FERTILIZER DOSING KIT
DOUBLE PIPE



FRAME ACCESSORIES: FERTILIZER SPREADER WITH HYDRAULIC TRASMISSION

Fertilizer spreader



FERTILIZER SPREADER
HYDRAULIC TRASMISSION
IRON STEEL BOX 170L
DOSING EXCLUDED

FERTILIZER SPREADER WITH HYDRAULIC TRASMISSION AND IRON STEEL BOX AVAILABLE FOR ALL "ST" MACHINE

No. of row	In-row IF	Frame width	No. of box
1	-	-	1
2	≤ 140 cm / 32 in	-	1
2	tutte le interfile	≥ 200 cm / 78 in	2
3	≤ 70 cm / 32 in	-	1
3	≤ 140 cm / 32 in	≥ 200 cm / 78 in	2
3	tutte le interfile	≥ 300 cm /137 in	3
4	≤ 140 cm / 32 in	≥ 200 cm / 78 in	2
4	≤ 140 cm / 32 in	≥ 300 cm /137 in	3
5	≤ 70 cm / 32 in	≥ 200 cm / 78 in	2
5	≤ 140 cm / 32 in	≥ 300 cm /137 in	3
6	≤ 70 cm / 32 in	≥ 200 cm / 78 in	2
6	≤ 140 cm / 32 in	≥ 300 cm /137 in	3
7	≤ 80 cm / 32 in	≥ 300 cm /137 in	3
8	≤ 80 cm / 32 in	≥ 300 cm /137 in	3
9	≤ 70 cm / 32 in	≥ 300 cm /137 in	3



FERTILIZER SPREADER
HYDRAULIC TRASMISSION
STAINLESS STEEL BOX 170L
DOSING EXCLUDED

FERTILIZER SPREADER WITH HYDRAULIC TRASMISSION AND STAINLESS STEEL BOX AVAILABLE FOR ALL "ST" MACHINE

No. of row	In-row IF	Frame width	No. of box
1	-	-	1
2	≤ 140 cm / 32 in	-	1
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Fertilizer dosing - Each



GRANULAR FERTILIZER DOSING KIT
SINGLE PIPE



GRANULAR FERTILIZER DOSING KIT
DOUBLE PIPE



FRAME ACCESSORIES: FERTILIZER SPREADER WHIT ELECTRIC TRASMISSION

Fertilizer Spreader



FERTILIZER SPREADER
ELECTRIC TRASMISSION
IRON STEEL BOX 170L
DOSING EXCLUDED

FERTILIZER SPREADER WITH ELECTRIC TRASMISSION AND IRON STEEL BOX AVAILABLE FOR ALL "ST" MACHINE			
No. of row	In-row IF	Frame width	No. of box
1	-	-	1
2	≤ 140 cm / 32 in	-	1
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FERTILIZER SPREADER WITH ELECTRIC TRASMISSION AND STAINLESS STEEL BOX AVAILABLE FOR ALL "ST" MACHINE

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FERTILIZER SPREADER
ELECTRIC TRASMISSION
STAINLESS STEEL BOX 170L
DOSING EXCLUDED

Fertilizer dosing - Each



GRANULAR FERTILIZER DOSING KIT
SINGLE PIPE



GRANULAR FERTILIZER DOSING KIT
DOUBLE PIPE



INFORMATIONS

NOMENCLATURE

REGULAR EQUIPMENT: The basic equipment included with the machine, this does not include required specifications and accessories.

A - SETUP: The basic equipment includes: frame and weeding units.

B - REQUIRED SPECIFICATIONS: Equipment requested by the customer based on their specific needs, which are mandatory to complete the machine's basic functionality and finalize the order.

C - ACCESSORIES: Optional items requested by the customer according to their needs, which are not mandatory for the basic operation of the machine. These can be selected during the ordering process.

COLOR MACHINE



RED
RAL 3020



LIGHT GREY
RAL 7045



DARK GREY
RAL 7016



BLACK
RAL 9005

CHARACTERISTICS



**Fast
tuning**



**Long
resistance**



**Good
waterproof**



**Good thermal
insulation**

HS - CODE: Weeding machine **84 32 10 00**

PRODUCT LINK: spapperi.com/en/products/inter-row/st03

INFORMATIONS

Technical and commercial Brochure for the Horticultural Product rang – Soil Care: the original italian texts shall prevail over any foreign translation in the event of any doubts regarding interpretation.

Technical data, dimensions, and photos are provided for indicative purposes only and are not binding. Images marked as "AI generated" serve solely for illustrative/graphic purposes and do not constitute a warranty or binding specification.

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This brochure cancels and replaces all previous versions.

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ORIGINAL EQUIPMENT MANUFACTURER

SPAPPERI

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