

SPAPPERI



BROCHURE ST05



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

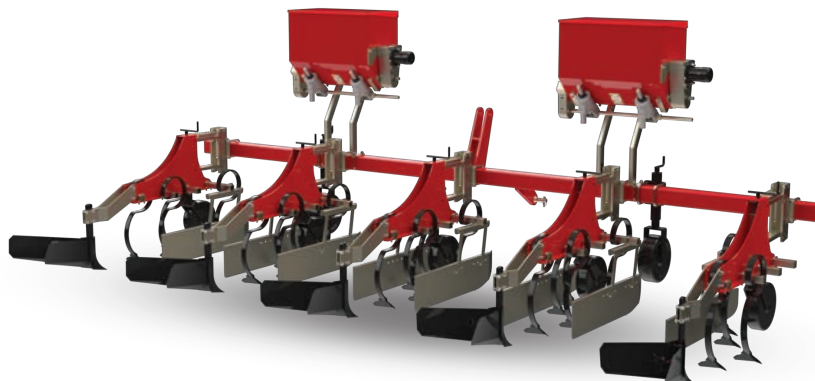


Tractor-mounted implement with independent modules for cultivating/weeding any type of row crop with in-row spacing from 70 to 90 cm.

TYPE OF WEEDING

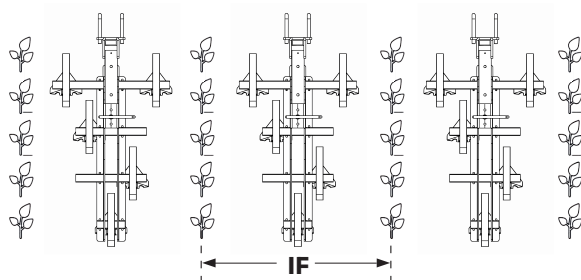


Weeding on open field



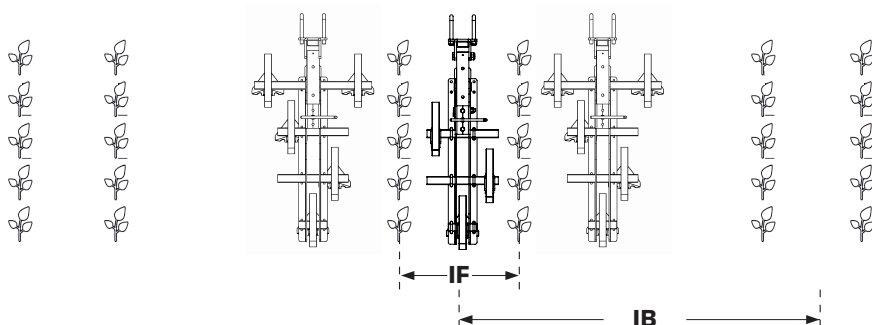
LAYOUT PLANTING

SINGLE ROWS



In-row IF
min 70 ÷ max 90 cm
min 28 ÷ max 35 in

DOUBLE ROWS



In-row IF
min 40 ÷ max 60 cm
min 16 ÷ max 23 in

In-double row IB
min 160 ÷ max 200 cm
min 63 ÷ max 79 in

REGULAR EQUIPMENT

- Frame and number of elements according to the **setup**.
- Elements are equipped with a support **wheel** and a **parallelogram linkage** to follow the ground.
- The weeding unit has provisions for **up to 5 springs**.
- **Excluding all required specifications and accessories** (flex weeding springs, furrower mouldboard, ecc)

Number of row

1 - 5

Planting layout

Single rows / Double rows

Transmission

NA

Operator seat

No operator on board

In-plant - IP

Any in-plant distance

In-row - IF

70 - 90 cm / 28 - 35 in Single rows
40 - 60 cm / 16 - 23 in Double rows

In-double row - IB

160 - 200 cm / 104- 130 in

Estimated productivity

0,6 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 **ST05 SETUPS: CHARACTERISTICS & REQUIREMENT - (Mandatory choice)**

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

SINGLE ROWS	1	2	3
			
Frame width - cm	200	250	300
in	98	118	137
Hook - Cat	2	2	2
Inter-row IF (min-max) - cm	70-160	70-80	70-75
in	28-63	28-32	28-30
Tractor power - Hp	25-35	25-35	25-35
Weight (without accessories) - Kg	150	229	308

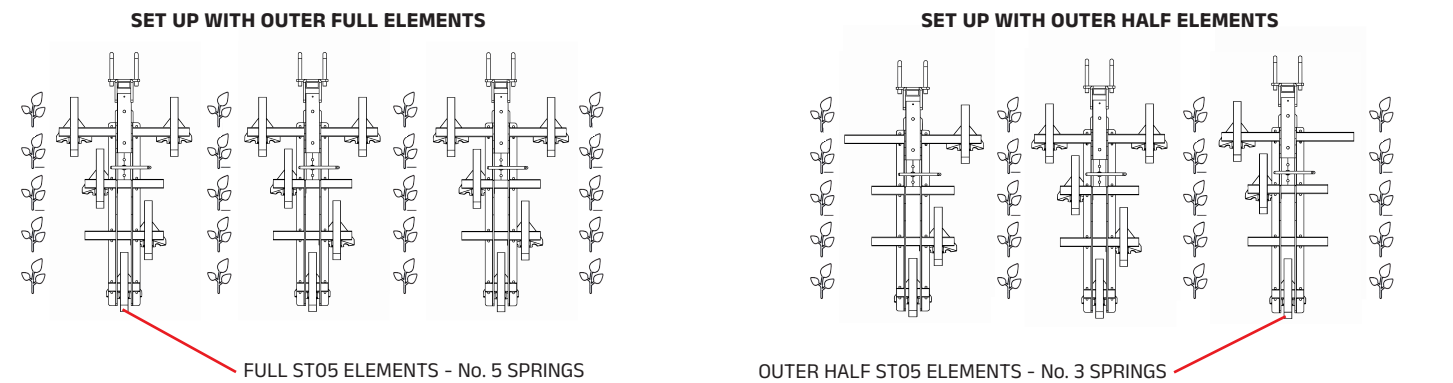
SINGLE ROWS	4	5
		
Frame width - cm	400	450
in	137	157
Hook - Cat	2	2
Inter-row IF (min-max) - cm	70-80	70-90
in	28-32	28-35
Tractor power - Hp	35-45	45-55
Weight (without accessories) - Kg	396-426	484-514

DOUBLE ROWS	2
	
Frame width - cm	200
in	98
Hook - Cat	2
In-row IF (min-max) - cm	40-60
in	16-23
In-double row IF (min-max) - cm	160-200
in	63-79
Tractor power - Hp	25-35
Weight (without accessories) - Kg	256

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

B

REQUIRED SPECIFICATIONS FOR ST05 - (Mandatory choice)



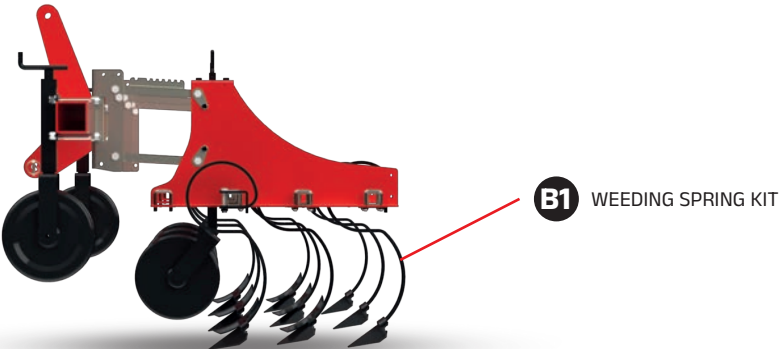
B1

Weeding Spring kit



Description
STANDARD WEEDING SPRING
Standard Spring Kit for 1-Row ST05 Machine - No. 2 full elem. kits
Standard Spring Kit for 2-Row ST05 Machine - No. 1 full elem. kits and No. 2 outer half-elem. kits
Standard Spring Kit for 2-Row ST05 Machine - No. 3 full elem. kits
Standard Spring Kit for 3-Row ST05 Machine - No. 2 full elem. kits and No. 2 outer half-elem. kits
Standard Spring Kit for 3-Row ST05 Machine - No. 4 full elem. kits
Standard Spring Kit for 4-Row ST05 Machine - No. 3 full elem. kits and No. 2 outer half-elem. kits
Standard Spring Kit for 4-Row ST05 Machine - No. 5 full elem. kits
Standard Spring Kit for 5-Row ST05 Machine - No. 4 full elem. kits and No. 2 outer half-elem. kits
Standard Spring Kit for 5-Row ST05 Machine - No. 6 full elem. kits
Standard Spring kit for 2-double rows ST05 Machine - No. 3 full elem. kit (3&5 springs)

Description
HEAVY DUTY WEEDING SPRING
Heavy-Duty Spring Kit for 1-Row ST05 Machine - No. 2 full elem. kits
Heavy-Duty Spring Kit for 2-Row ST05 Machine - No. 1 full elem. kits and No. 2 outer half-elem. kits
Heavy-Duty Spring Kit for 2-Row ST05 Machine - No. 3 full elem. kits
Heavy-Duty Spring Kit for 3-Row ST05 Machine - No. 2 full elem. kits and No. 2 outer half-elem. kits
Heavy-Duty Spring Kit for 3-Row ST05 Machine - No. 4 full elem. kits
Heavy-Duty Spring Kit for 4-Row ST05 Machine - No. 3 full elem. kits and No. 2 outer half-elem. kits
Heavy-Duty Spring Kit for 4-Row ST05 Machine - No. 5 full elem. kits
Heavy-Duty Spring Kit for 5-Row ST05 Machine - No. 4 full elem. kits and No. 2 outer half-elem. kits
Heavy-Duty Spring Kit for 5-Row ST05 Machine - No. 6 full elem. kits
Heavy-Duty Spring kit for 2-double rows ST05 Machine - No. 3 full elem. kit (3&5 springs)



C

ELEMENT ACCESSORIES AVAILABLE FOR ST05

In-row finiscing



Furrower with muoldboard is usefull for hilling plants

The large size has a setting range from 30 to 70 cm (from 12-in to 27-in)

FURROWER WITH LARGE 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

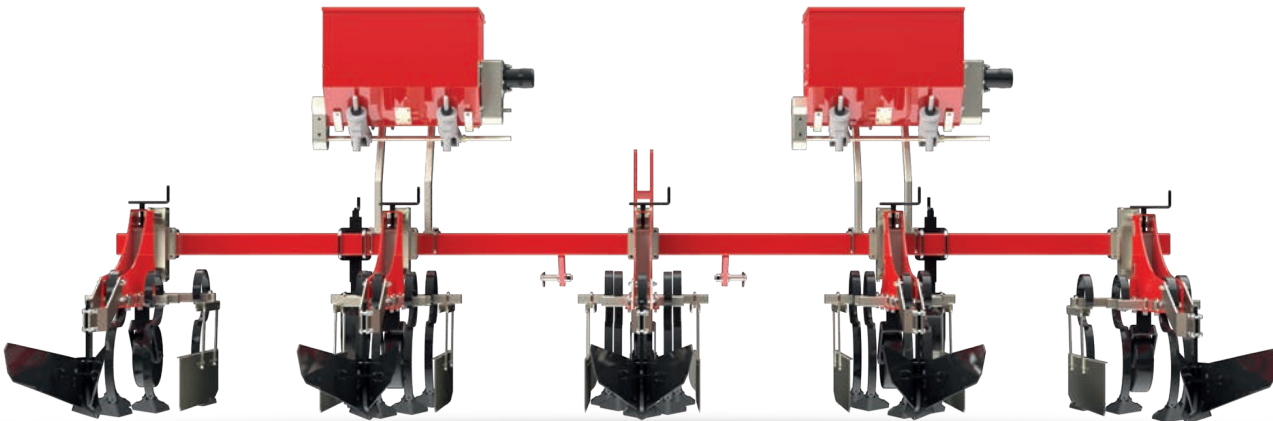
CAGE ROLLER KIT - ST

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
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 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
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 ELECTRIC 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
	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
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/st05

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.

SPAPPERI NT SRL reserves the right to make modifications, update, or discontinue models without prior notice. Obsolete items will be replaced with products of equal performance.

Contents and photos are the exclusive property of SPAPPERI; any reproduction, even partial, is strictly prohibited without prior authorization from Spapperi.

This brochure cancels and replaces all previous versions.

Edition: 01 September 2026

SOCIAL MEDIA HUB



YouTube

SCAN



www.youtube.com/@spapperint

**Subscribe to the channel
and don't miss a new video.**



SCAN



www.instagram.com/spapperintsrl

**Follow us now
to stay connected.**



facebook

SCAN



www.facebook.com/spapperintsrl

**Follow our page
and join our community.**



LinkedIn

SCAN



www.linkedin.com/company/spapperi-n-t-s-r-l

**Follow our company page
for industry insights.**



ORIGINAL EQUIPMENT MANUFACTURER

SPAPPERI

SPAPPERI NT S.r.l.

Via P. Ercolani, 5/b - 06012 San Secondo di Città di Castello (PG) Italy
tel. +39 075 8578156 fax +39 075 8575548

www.spapperi.com - info@spapperi.com

