

SPAPPERI



BROCHURE ST07

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

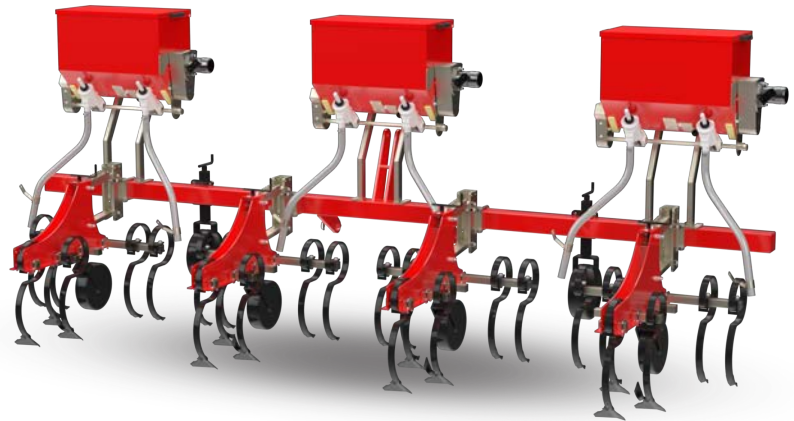


Tractor-mounted implement with independent modules for cultivating/weeding any type of row crop with in-row spacing from 90 to 120 cm.

TYPE OF WEEDING

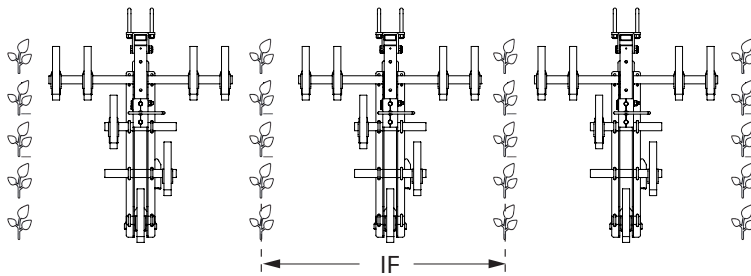


Weeding on open field



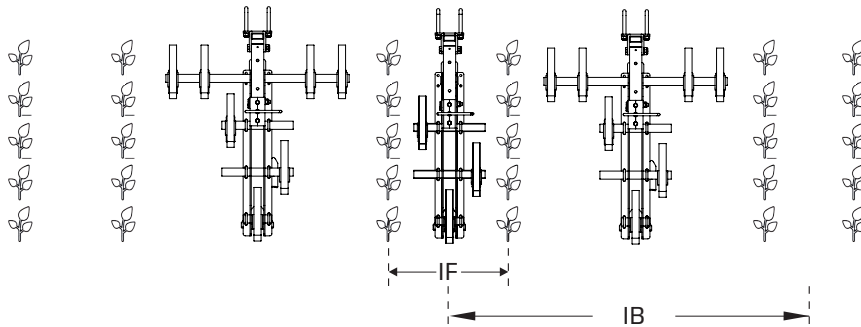
LAYOUT PLANTING

SINGLE ROWS



In-row IF
min 90 ÷ max 120 cm
min 35 ÷ max 47 in

DOUBLE ROWS



In-row IF
min 40 ÷ max 60 cm
min 15 ÷ max 23 in

In-double row IB
min 130 ÷ max 170 cm
min 47 ÷ max 67 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 7 springs**.
- **Excluding all required specifications and accessories** (flex weeding springs, furrower mouldboard, ecc)

Number of row

1- 4

Planting layout

Single rows / Double row

Trasmission

NA

Operator seat

No operator on board

In-plant - IP

Any in-plant distance

In-row - IF

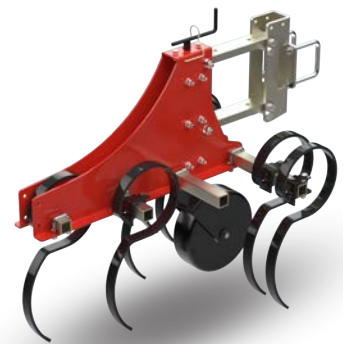
90 - 120 cm / 35 - 47 in - Single row
40 - 60 cm / 15 - 23 in - Double row

In-double row - IB

130 - 170 cm / 51- 67 in
According to the frame width

Estimated productivity

0,8 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 **ST07 SETUPS: CHARACTERISTICS & REQUIREMENT - (Mandatory choice)**

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

SINGLE ROWS		1		2	
					
Frame width - cm	200	250	300	350	
in	78	98	118	137	
Hook - Cat	2	2	2	2	
In-row IF (min-max) - cm	90-100	90-120	90-100	90-117	
in	35-39	35-47	35-39	35-46	
Tractor power - Hp	25-35	25-35	25-35	25-35	
Weight (without accessories) - Kg	252	252	252	261-291	

SINGLE ROWS		3		
				
Frame width - cm	400	450	500	
in	157	177	196	
Hook - Cat	2	2	2	
In-row IF (min-max) - cm	90-100	90-112	90-120	
in	35-39	35-44	35-47	
Tractor power - Hp	35-45	35-45	35-45	
Weight (without accessories) - Kg	347-377	356-386	365-395	

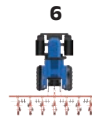
Custom setups can be developed upon request for a higher number of rows and for maximum distances exceeding standard values.

SINGLE ROWS

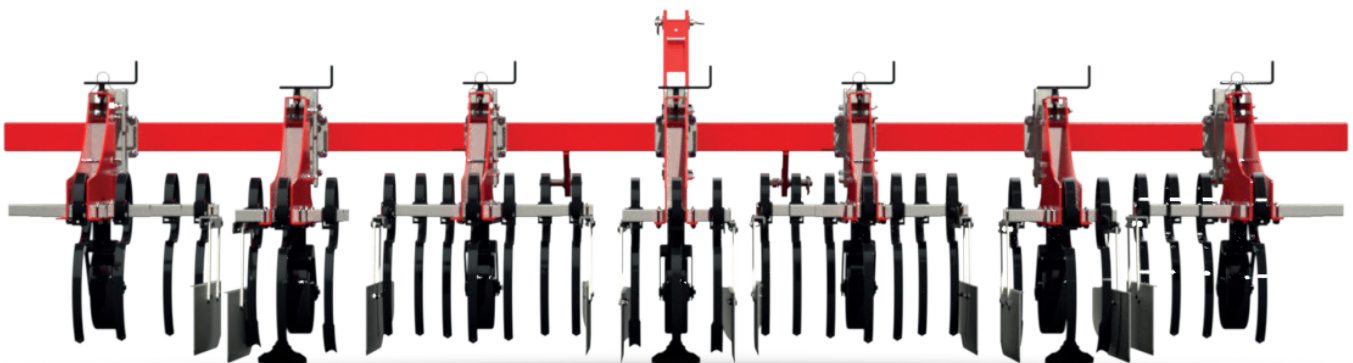


Frame width - cm	500	550	600
in	196	216	236
Hook - Cat	2	2	2
In-row IF (min-max) - cm	90-100	90-110	90-120
in	35-39	35-43	35-47
Tractor power - Hp	45-55	45-55	45-55
Weight (without accessories) - Kg	442-472	451-481	460-490

DOUBLE ROWS



Frame width - cm	250	300	550	600
in	118	137	216	236
Hook - Cat	2	2	2	2
In-row IF (min-max) - cm	40-60	40-60	40-60	40-60
in	16-23	16-23	16-23	20-23
In-double row IF (min-max) - cm	140-160	140-210	140-155	140-180
in	55-63	55-82	55-61	55-70
Tractor power - Hp	25-35	25-35	45-55	45-55
Weight (without accessories) - Kg	260	269	574-604	584-614

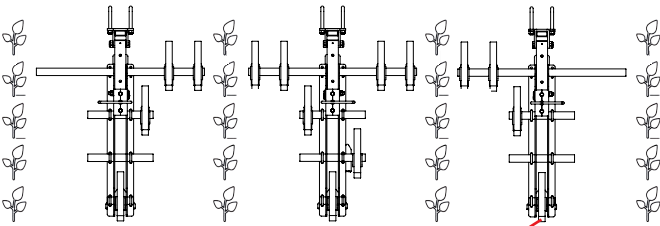


Custom setups can be developed upon request for a higher number of rows and for maximum distances exceeding standard values.



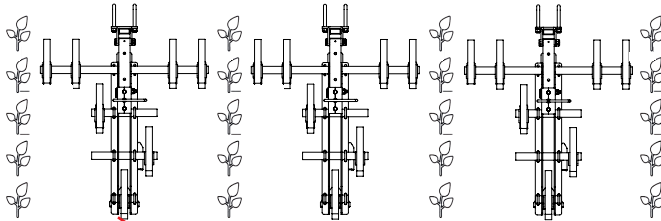
REQUIRED SPECIFICATIONS FOR ST07 - (Mandatory choice)

SET UP WITH OUTER HALF ELEMENTS



OUTER HALF ELEMENTS ST07 - No. 4 SPRINGS

SET UP WITH OUTER FULL ELEMENTS



FULL ST07 ELEMENTS - No. 7 SPRINGS

B1 Weeding spring kit



STANDARD SPRING
DIM. 32 x 12 MM



HEAVY DUTY SPRING
STANDARD SPRING +
REINFORCEMENT

Description

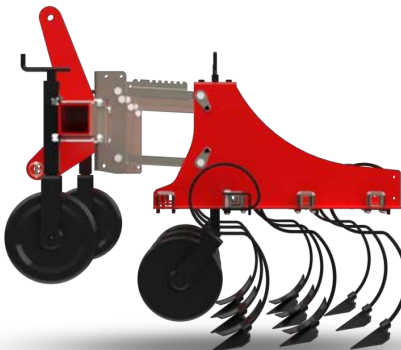
STANDARD WEEDING SPRING

- Standard Spring Kit for 1-Row ST07 Machine - No. 2 outer half-elem. kits
- Standard Spring Kit for 1-Row ST07 Machine - No. 2 full elem. kits
- Standard Spring Kit for 2-Row ST07 Machine - No. 1 full elem. kits and No. 2 outer half-elem. kits
- Standard Spring Kit for 2-Row ST07 Machine - No. 3 full elem. kits
- Standard Spring Kit for 3-Row ST07 Machine - No. 2 full elem. kits and No. 2 outer half-elem. kits
- Standard Spring Kit for 3-Row ST07 Machine - No. 4 full elem. kits
- Standard Spring Kit for 4-Row ST07 Machine - No. 3 full elem. kits and No. 2 outer half-elem. kits
- Standard Spring Kit for 4-Row ST07 Machine - No. 5 full elem. kits
- Standard Spring kit for 2-double rows ST07 Machine - No. 1 full elem. kit (3 springs) + No. 2 outer half elem. kits
- Standard Spring kit for 6-double rows ST07 Machine - No. 5 full elem. kits (3&7 springs) + No. 2 outer half elem. kits

Description

HEAVY DUTY WEEDING SPRING

- Heavy Duty Spring Kit for 1-Row ST07 Machine - No. 2 outer half-elem. kits
- Heavy Duty Spring Kit for 1-Row ST07 Machine - No. 2 full elem. kits
- Heavy Duty Spring Kit for 2-Row ST07 Machine - No. 1 full elem. kits and No. 2 outer half-elem. kits
- Heavy Duty Spring Kit for 2-Row ST07 Machine - No. 3 full elem. kits
- Heavy Duty Spring Kit for 3-Row ST07 Machine - No. 2 full elem. kits and No. 2 outer half-elem. kits
- Heavy Duty Spring Kit for 3-Row ST07 Machine - No. 4 full elem. kits
- Heavy Duty Spring Kit for 4-Row ST07 Machine - No. 3 full elem. kits and No. 2 outer half-elem. kits
- Heavy Duty Spring Kit for 4-Row ST07 Machine - No. 5 full elem. kits
- Heavy Duty Spring kit for 2-double rows ST07 Machine - No. 1 full elem. kits (3 springs) + No. 2 outer half elem. kits
- Heavy Duty Spring kit for 6-double rows ST07 Machine - No. 5 full elem. kit (3&7 springs) + No. 2 outer half elem. kits

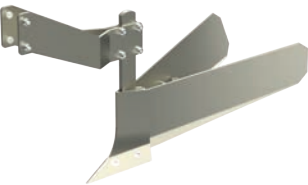


B1 WEEDING SPRING KIT

C

ELEMENT ACCESSORIES AVAILABLE FOR ST07

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

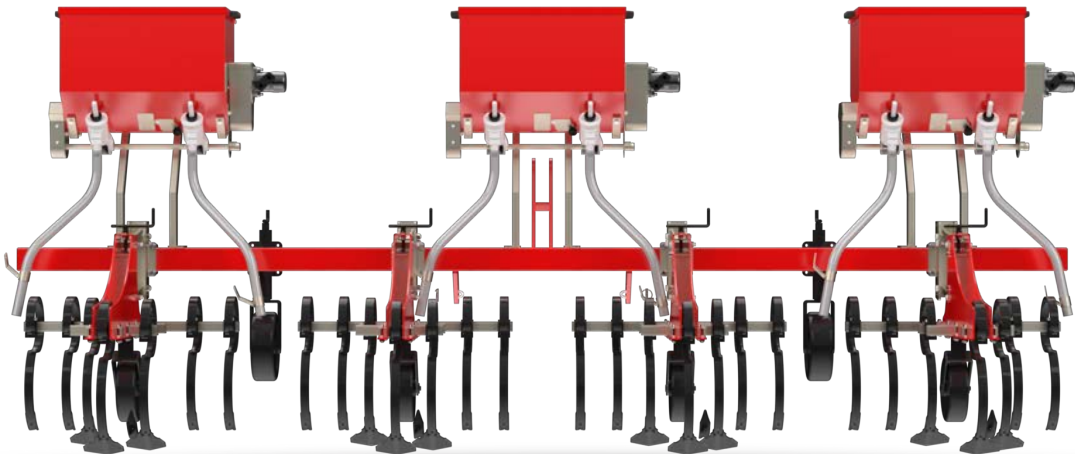
CAGE ROLLER KIT - ST

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
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7	≤ 80 cm / 32 in	≥ 300 cm /137 in	3
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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
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6	≤ 70 cm / 32 in	≥ 200 cm / 78 in	2
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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
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4	≤ 140 cm / 32 in	≥ 200 cm / 78 in	2
4	≤ 140 cm / 32 in	≥ 300 cm /137 in	3
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7	≤ 80 cm / 32 in	≥ 300 cm /137 in	3
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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/st07

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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