



By **Gedanken Italia**

sprinkler catalog

ADVANCED IRRIGATION SOLUTIONS

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ABOUT US

Fratelli Perazzi Irrigatori was founded in **1947** by the Perazzi family in Suzzara (Mantova, Italy).

Manufacturer of irrigation sprinklers, Perazzi Irrigatori soon became a **world leader in the sector** thanks to the quality of the materials used and the technical innovations introduced.

Over the years more than 100 models of low, medium and high flow sprinklers have been designed. In 2015 Perazzi Irrigatori was acquired by another company from Suzzara, **Gedanken Italia**, and its production plant was moved to Gedanken's ones.

Gedanken immediately expanded its production plant adding new facilities in order to quickly and more flexibly satisfy clients' requests.

The materials used to produce Perazzi sprinklers are of the **highest quality**. Brass, aluminum and stainless steel are among the most commonly employed. Thanks to its wide range of more than 30 products, Perazzi sprinklers allow **maximum flexibility of use**.

HOW A SPRINKLER IS CREATED

Our technicians, after **field inspections**, transform clients' needs into new product prototypes.

At the **prototyping** stage, the sprinkler designed by our technicians becomes tangible. This is an extremely important stage for researching possible errors/problems/optimizations, before putting it into production.

The **production of the different components** that make part of the sprinkler partly takes place at our production department and partly at our trusted suppliers' plants. All parts are then checked by our quality control department.

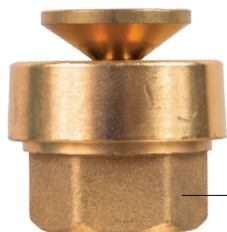
The **assembly** and **final testing** are then entirely realized by our technicians in our plants.

Once all checks have been carried out, our **logistic unit** takes care of the packaging, storage and shipping of our sprinklers worldwide.

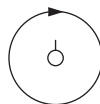
All the processing stages of our sprinklers are realized in our plants in Italy.

STATIC SPRINKLERS

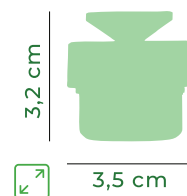




FULL CIRCLE
MODEL



0,12 Kg



MINI 1 - 360°

360° STATIC SPRINKLER
SUITABLE FOR THE IRRIGATION OF GARDENS
AND GREENHOUSES
1/2" FEMALE SCREW CONNECTION
MADE ENTIRELY OF BRASS

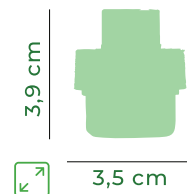
PRESSURE ATM	DISCHARGE L/MIN	IRRIGATED AREA MQ
0,5	18,6	47,1
1	22,8	55,39
1,5	27	65,37
2	28,8	69,37



PART CIRCLE
MODEL



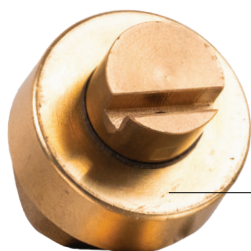
0,115 Kg



MINI 1 - 180°

180° STATIC SPRINKLER
SUITABLE FOR THE IRRIGATION OF
GARDENS AND GREENHOUSES
1/2" FEMALE SCREW CONNECTION
TOP-QUALITY MATERIALS USED: BRASS,
STAINLESS STEEL, NBR

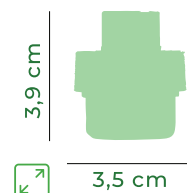
PRESSURE ATM	DISCHARGE L/MIN	IRRIGATED AREA MQ
0,5	11,4	23,55
1	14,4	27,70
1,5	16,8	32,68
2	18	34,68



PART CIRCLE
MODEL



0,115 Kg



MINI 1 - 180° HORIZONTAL

180° HORIZONTAL STATIC SPRINKLER.
FIT FOR HORIZONTAL SCREW CONNECTION
SUITABLE FOR THE IRRIGATION OF
GARDENS AND GREENHOUSES
1/2" FEMALE SCREW CONNECTION
TOP-QUALITY MATERIALS USED: BRASS,
STAINLESS STEEL, NBR

PRESSURE ATM	DISCHARGE L/MIN	JET LENGHT MT
0,5	11,4	3
1	14,4	4
1,5	16,8	5

IMPACT

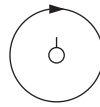
SPRINKLERS



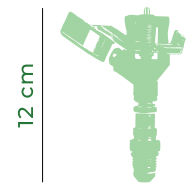


NOZZLE
Diameter 3 - 4,5 mm

**FULL CIRCLE
MODEL**



0,16 Kg



10,5 cm

P/5

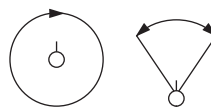
SINGLE-JET FULL CIRCLE DYNAMIC SPRINKLER
SUITABLE FOR THE IRRIGATION OF GARDENS,
GREENHOUSES, VINEYARDS AND ORCHARDS
1/2" MALE SCREW CONNECTION
BRASS INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ZAMAK, BRASS,
STAINLESS STEEL, NBR, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
3	1,5	9	6,6	1,54
3	2	10	7,8	1,47
3	3	11,5	9,6	1,38
3,5	1,5	9,5	8,5	1,65
3,5	2	10,5	10	1,54
3,5	3	12	12	1,49
4	1,5	10	9	1,75
4	2	11	11	1,70
4	3	12,5	13	1,60

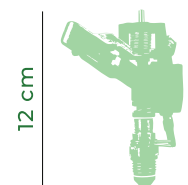


NOZZLE
Diameter 3 - 4,5 mm

**FULL & PART CIRCLE
MODEL**



0,185 Kg



10,5 cm

P/5-S

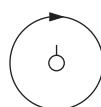
SINGLE-JET PART CIRCLE DYNAMIC SPRINKLER
LIFTING THE TRIP LEVER, THE SPRINKLER BECOMES
A FULL CIRCLE MODEL
EQUIPPED WITH AN ADJUSTABLE JET-BREAKER THAT
ENSURES UNIFORM DISTRIBUTION OF WATER
IN THE VICINITY OF THE SPRINKLER
SUITABLE FOR THE IRRIGATION OF GARDENS,
GREENHOUSES, VINEYARDS AND ORCHARDS
1/2" MALE SCREW CONNECTION
BRASS INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ZAMAK, BRASS,
STAINLESS STEEL, NBR, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
3	1,5	9	6,6	1,54
3	2	10	7,8	1,47
3	3	11,5	9,6	1,38
3,5	1,5	9,5	8,5	1,65
3,5	2	10,5	10	1,54
3,5	3	12	12	1,49
4	1,5	10	9	1,75
4	2	11	11	1,70
4	3	12,5	13	1,60

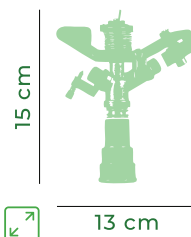


NOZZLE
Diameter 2,25 · 4,75 mm

**FULL CIRCLE
MODEL**



0,38 Kg



P/10

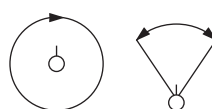
DOUBLE-JET FULL CIRCLE DYNAMIC SPRINKLER
EQUIPPED WITH AN ADJUSTABLE JET-BREAKER
THAT ENSURES UNIFORM DISTRIBUTION OF WATER
SUITABLE FOR THE IRRIGATION OF GARDENS,
GREENHOUSES, VINEYARDS AND ORCHARDS
3/4" FEMALE SCREW CONNECTION
PLASTIC INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ZAMAK, BRASS, NBR, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
4x3,25	2	13	22,2	2,6
4x3,25	3	14	26,4	2,70
4x3,25	4	15	30,6	2,85
4x4	2	13	28,8	3,2
4x4	3	14,5	33	3,9
4x4	4	15,5	38,4	4,1
4x4,5	2	13	33	4,1
4x4,5	3	15	37,8	4,30
4x4,5	4	16	43,2	4,80

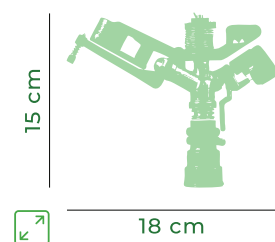


NOZZLE
Diameter 3,5 · 4,5 mm

**FULL & PART CIRCLE
MODEL**



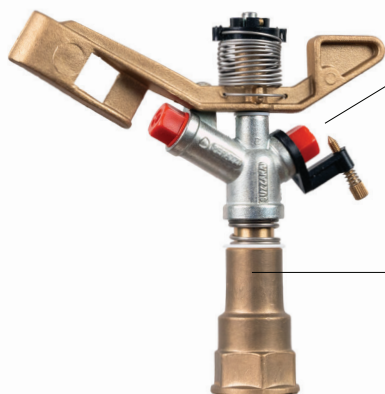
0,455 Kg



P/10-S

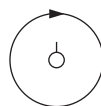
SINGLE-JET PART CIRCLE DYNAMIC SPRINKLER
EQUIPPED WITH AN ADJUSTABLE JET-BREAKER
THAT ENSURES UNIFORM DISTRIBUTION OF WATER
SUITABLE FOR THE IRRIGATION OF GARDENS,
GREENHOUSES, VINEYARDS AND ORCHARDS
3/4" FEMALE SCREW CONNECTION
BRASS INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ZAMAK, BRASS,
STAINLESS STEEL, NBR, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
3,5	2	12	11,4	1,51
3,5	3	13	13,2	1,59
3,5	4	14	14,4	1,63
4	2	12	13,8	1,83
4	3	13,5	17,4	1,92
4	4	14,5	18	1,96
4,5	2	12	18,6	2,2
4,5	3	13	20,4	2,22
4,5	4	15	22,2	2,35

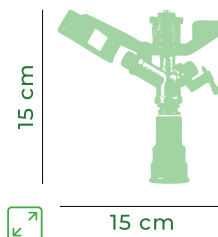


NOZZLE
Diameter 2,25 · 4,75 mm

**FULL CIRCLE
MODEL**



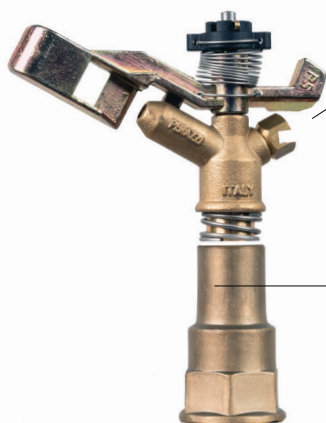
0,375 Kg



P/10-Z

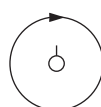
DOUBLE-JET FULL CIRCLE DYNAMIC SPRINKLER
EQUIPPED WITH AN ADJUSTABLE JET-BREAKER
THAT ENSURES UNIFORM DISTRIBUTION OF WATER
SUITABLE FOR THE IRRIGATION OF GARDENS,
GREENHOUSES, VINEYARDS AND ORCHARDS
3/4" FEMALE SCREW CONNECTION
PLASTIC INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ZAMAK, BRASS,
STAINLESS STEEL, NBR, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
4x3,25	2	13	22,2	2,6
4x3,25	3	14	26,4	2,70
4x3,25	4	15	30,6	2,85
4x4	2	13	28,8	3,2
4x4	3	14,5	33	3,9
4x4	4	15,5	38,4	4,1
4x4,5	2	13	33	4,1
4x4,5	3	15	37,8	4,30
4x4,5	4	16	43,2	4,80

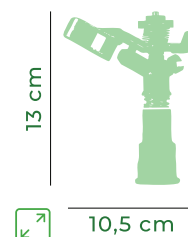


NOZZLE
Cap / Diametro 3

**FULL CIRCLE
MODEL**



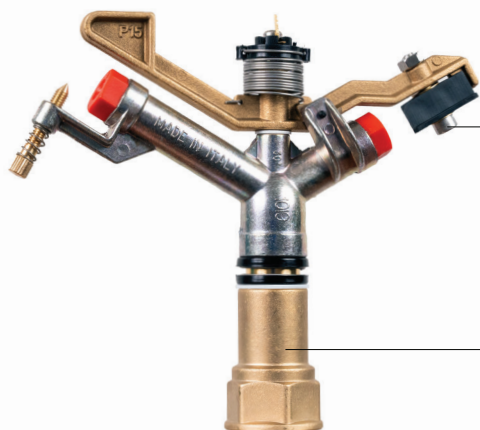
0,285 Kg



P/105

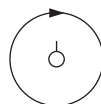
DOUBLE-JET FULL CIRCLE DYNAMIC SPRINKLER
THANKS TO THE HORIZONTAL CUT OF ITS
BRASS NOZZLE, IT ENSURES UNIFORM WATER
DISTRIBUTION IN THE VICINITY OF THE SPRINKLER
SUITABLE FOR THE IRRIGATION OF GARDENS,
GREENHOUSES, VINEYARDS AND ORCHARDS
3/4" FEMALE SCREW CONNECTION
MATERIALS USED: PA, ZAMAK, BRASS,
STAINLESS STEEL, NBR, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
5,25	1,5	11	20	2,1
5,25	2	12	22	2,20
5,25	3	13,5	27	2,25
5,25x3	1,5	11	27	3,3
5,25x3	2	12	30	3,1
5,25x3	3	13,5	37	3

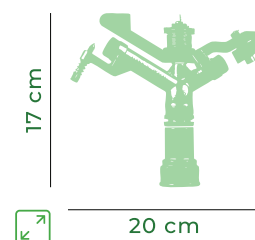


NOZZLE
Diameter 4,75 · 10 mm

**FULL CIRCLE
MODEL**



0,565 Kg



P/15

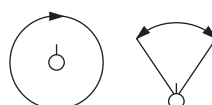
DOUBLE-JET FULL CIRCLE DYNAMIC SPRINKLER
EQUIPPED WITH AN ADJUSTABLE JET-BREAKER
THAT ENSURES UNIFORM DISTRIBUTION OF WATER
SUITABLE FOR THE IRRIGATION OF GARDENS,
PARKS, ORCHARDS AND VEGETABLES
1" FEMALE SCREW CONNECTION
PLASTIC INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ZAMAK, BRASS,
STAINLESS STEEL, NBR, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
4,75x5,5	2	15	45	3,82
4,75x5,5	3	16,5	54	3,90
4,75x5,5	4	17,5	66	4,12
4,75x6,25	2	16,5	54	3,81
4,75x6,25	3	17,5	66	4,12
4,75x6,25	4	18,5	75	4,18
4,75x7	2	16,5	66	4,63
4,75x7	3	18,5	78	4,37
4,75x7	4	19,5	90	4,07

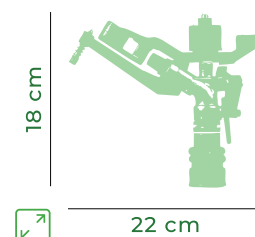


NOZZLE
Diameter 4 · 8 mm

**FULL & PART CIRCLE
MODEL**



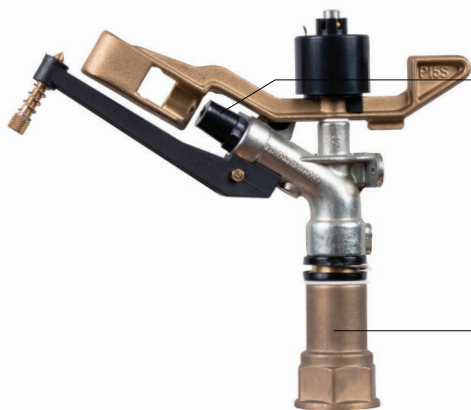
0,625 Kg



P/15-S

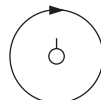
SINGLE-JET PART CIRCLE DYNAMIC SPRINKLER
EQUIPPED WITH AN ADJUSTABLE JET-BREAKER
THAT ENSURES UNIFORM DISTRIBUTION OF WATER
SUITABLE FOR THE IRRIGATION OF GARDENS,
PARKS, ORCHARDS AND VEGETABLES AND
FOR DUST SUPPRESSION
1" FEMALE SCREW CONNECTION
PLASTIC INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ZAMAK, BRASS,
STAINLESS STEEL, NBR, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
4,75	2	13	16	1,38
4,75	3	15	24	2,03
4,75	4	17,5	30	2,16
5,5	2	14	18	1,75
5,5	3	16	39	2,91
5,5	4	18	48	2,83
7	2	15	36	3,05
7	3	17	60	3,96
7	4	19	108	5,71

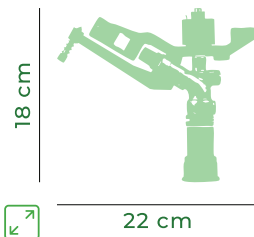


NOZZLE
Diameter 4 · 8 mm

**FULL CIRCLE
MODEL**



0,575 Kg

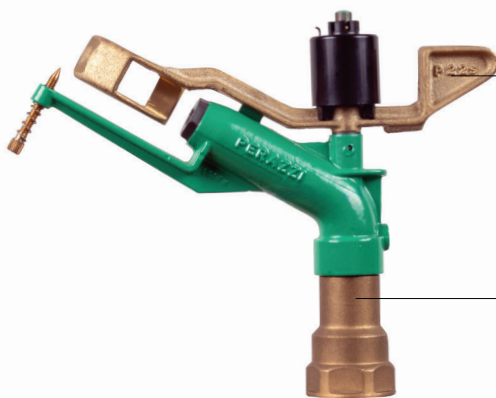


P/15-M

SINGLE-JET FULL CIRCLE DYNAMIC SPRINKLER.
EQUIPPED WITH AN ADJUSTABLE JET-BREAKER
THAT ENSURES UNIFORM DISTRIBUTION OF WATER
SUITABLE FOR THE IRRIGATION OF GARDENS,
PARKS, ORCHARDS AND VEGETABLES
1" FEMALE SCREW CONNECTION
PLASTIC INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ZAMAK, BRASS,
STAINLESS STEEL, NBR, TEFLON

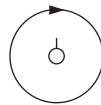
NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
4,75	2	13	16	1,38
4,75	3	15	24	2,03
4,75	4	17,5	30	2,16
5,5	2	14	18	1,75
5,5	3	16	39	2,91
5,5	4	18	48	2,83
7	2	15	36	3,05
7	3	17	60	3,96
7	4	19	108	5,71



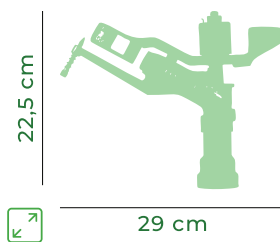


NOZZLE
Diameter 6 • 12 mm

FULL CIRCLE MODEL



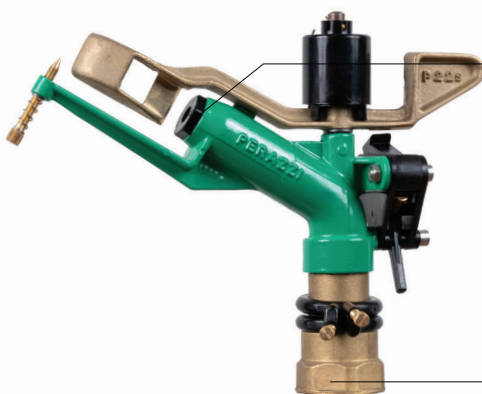
1,1 Kg



P/22

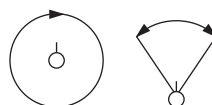
SINGLE-JET FULL CIRCLE DYNAMIC SPRINKLER EQUIPPED WITH AN ADJUSTABLE JET-BREAKER THAT ENSURES UNIFORM DISTRIBUTION OF WATER SUITABLE FOR THE IRRIGATION OF PARKS, ORCHARDS, CITRUS GROVES, VEGETABLES AND FOR DUST SUPPRESSION
1"1/4 FEMALE SCREW CONNECTION.
UPON REQUEST, 1"1/2 FEMALE SCREW CONNECTION
PLASTIC INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ALUMINIUM, BRASS, STAINLESS STEEL, NBR, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
6	2	13	42	3,95
6	3	16,5	54	4,04
6	4	18	60	3,96
8	2	17,5	54	3,37
8	3	20	60	2,86
8	4	22	78	3,08
10	2	19,5	90	4,52
10	3	22	110	4,26
10	4	24	125	3,98

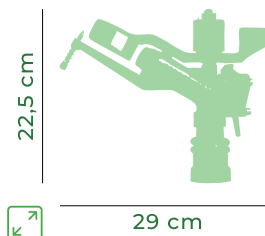


NOZZLE
Diameter 6 • 12 mm

FULL & PART CIRCLE MODEL



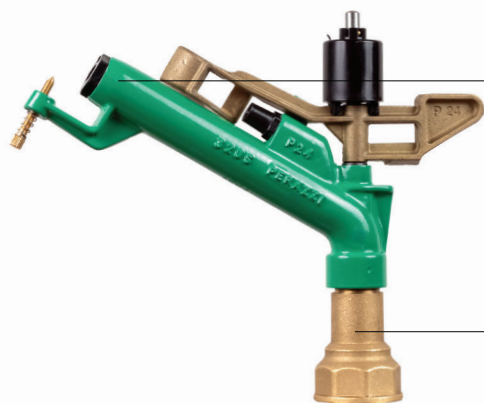
1,2 Kg



P/22-S

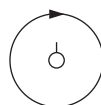
SINGLE-JET PART CIRCLE DYNAMIC SPRINKLER EQUIPPED WITH AN ADJUSTABLE JET-BREAKER THAT ENSURES UNIFORM DISTRIBUTION OF WATER SUITABLE FOR THE IRRIGATION OF PARKS, ORCHARDS, CITRUS GROVES, VEGETABLES AND FOR DUST SUPPRESSION
1"1/4 FEMALE SCREW CONNECTION. UPON REQUEST, 1"1/2 FEMALE SCREW CONNECTION
PLASTIC INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ALUMINIUM, BRASS, STAINLESS STEEL, NBR, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
6	2	13	42	3,95
6	3	16,5	54	4,04
6	4	18	60	3,96
8	2	17,5	54	3,37
8	3	20	60	2,86
8	4	22	78	3,08
10	2	19,5	90	4,52
10	3	22	110	4,26
10	4	24	125	3,98

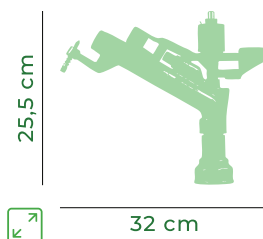


NOZZLE
Diameter 8 • 18 mm

**FULL CIRCLE
MODEL**



1,325 Kg



P/24

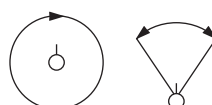
FULL CIRCLE DYNAMIC SPRINKLER
EQUIPPED WITH TWO NOZZLES: THE MAIN ONE
ENSURES THE JET LENGTH AND THE SECONDARY
ONE TRIGGERS THE ROCKER ARM
THE MAIN NOZZLE IS EQUIPPED WITH AN ADJUSTABLE
JET-BREAKER THAT ENSURES UNIFORM DISTRIBUTION
OF WATER IN THE VICINITY OF THE SPRINKLER
SUITABLE FOR THE IRRIGATION OF PARKS, ORCHARDS,
CITRUS GROVES, VEGETABLES AND
FOR DUST SUPPRESSION
1"1/2 FEMALE SCREW CONNECTION. UPON REQUEST,
1"1/4 FEMALE SCREW CONNECTION
PLASTIC INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ALUMINIUM, BRASS,
STAINLESS STEEL, NBR, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
12x7	2	22	165	8
12x7	3	25	198	7,60
12x7	4	27	221	7
14x7	2	23	218	9,1
14x7	3	27	264	8,9
14x7	4	29	305	8,6
16x7	2	28	321	11,3
16x7	3	30	370	10,80
16x7	4	32	401	10,20

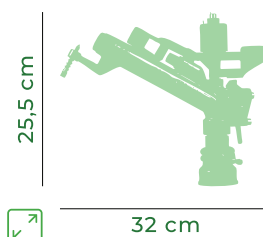


NOZZLE
Diameter 8 • 18 mm

**FULL & PART CIRCLE
MODEL**



1,45 Kg



P/24-S

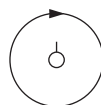
PART CIRCLE DYNAMIC SPRINKLER
EQUIPPED WITH TWO NOZZLES: THE MAIN
ONE ENSURES THE JET LENGTH AND
THE SECONDARY ONE TRIGGERS THE ROCKER ARM
THE MAIN NOZZLE IS EQUIPPED WITH AN
ADJUSTABLE JET-BREAKER THAT ENSURES
UNIFORM DISTRIBUTION OF WATER IN
THE VICINITY OF THE SPRINKLER
SUITABLE FOR THE IRRIGATION OF PARKS,
ORCHARDS, CITRUS GROVES, VEGETABLES
AND FOR DUST SUPPRESSION
1"1/2 FEMALE SCREW CONNECTION
UPON REQUEST, 1"1/4 FEMALE SCREW CONNECTION.
PLASTIC INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ALUMINIUM, BRASS,
STAINLESS STEEL, NBR, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
12x7	2	22	165	8
12x7	3	25	198	7,60
12x7	4	27	221	7
14x7	2	23	218	9,1
14x7	3	27	264	8,9
14x7	4	29	305	8,6
16x7	2	28	321	11,3
16x7	3	30	370	10,80
16x7	4	32	401	10,20



NOZZLE
Diameter 8 • 18 mm

**FULL CIRCLE
MODEL**

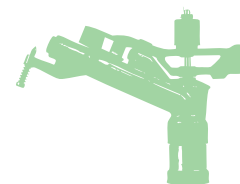


1,985 Kg

27,5 cm



37,5 cm



P/25

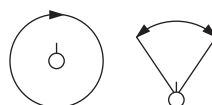
FULL CIRCLE DYNAMIC SPRINKLER
EQUIPPED WITH TWO NOZZLES: THE MAIN ONE ENSURES THE JET LENGTH AND THE SECONDARY ONE TRIGGERS THE ROCKER ARM
THE MAIN NOZZLE IS EQUIPPED WITH AN ADJUSTABLE JET-BREAKER THAT ENSURES UNIFORM DISTRIBUTION OF WATER IN THE VICINITY OF THE SPRINKLER SUITABLE FOR THE IRRIGATION OF VEGETABLES, PARKS, FOOTBALL FIELDS/GOLF COURSES AND FOR DUST SUPPRESSION
2" FEMALE SCREW CONNECTION
PLASTIC INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ALUMINIUM, BRASS, STAINLESS STEEL, NBR, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
12x8,5	3	27	294	9
12x8,5	4	29	315	8,80
12x8,5	5	31	336	8,6
14x8,5	3	28	324	10,8
14x8,5	4	30	348	10,5
14x8,5	5	32	390	10,3
16x8,5	3	32	468	11,5
16x8,5	4	34	534	11,10
16x8,5	5	36	588	10,60



NOZZLE
Diameter 8 • 18 mm

**FULL & PART CIRCLE
MODEL**

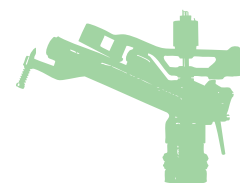


2,275 Kg

27,5 cm



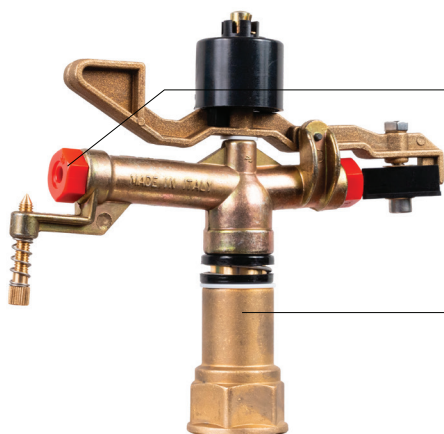
37,5 cm



P/25-S

PART CIRCLE DYNAMIC SPRINKLER
EQUIPPED WITH TWO NOZZLES: THE MAIN ONE ENSURES THE JET LENGTH AND THE SECONDARY ONE TRIGGERS THE ROCKER ARM
THE MAIN NOZZLE IS EQUIPPED WITH AN ADJUSTABLE JET-BREAKER THAT ENSURES UNIFORM DISTRIBUTION OF WATER IN THE VICINITY OF THE SPRINKLER SUITABLE FOR THE IRRIGATION OF VEGETABLES, PARKS, FOOTBALL FIELDS/GOLF COURSES AND FOR DUST SUPPRESSION
2" FEMALE SCREW CONNECTION
PLASTIC INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ALUMINIUM, BRASS, STAINLESS STEEL, NBR, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
12x8,5	3	27	294	9
12x8,5	4	29	315	8,80
12x8,5	5	31	336	8,6
14x8,5	3	28	324	10,8
14x8,5	4	30	348	10,5
14x8,5	5	32	390	10,3
16x8,5	3	32	468	11,5
16x8,5	4	34	534	11,10
16x8,5	5	36	588	10,60

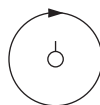


NOZZLE
Cap / Diameter 4,75 · 10 mm



0,550 Kg

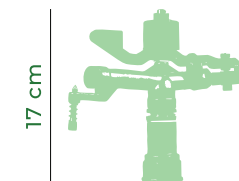
FULL CIRCLE MODEL



17 cm



19 cm



PSC/15 4°

UNDERTREE DOUBLE-JET FULL CIRCLE DYNAMIC SPRINKLER
TRAJECTORY ANGLE: 4°
EQUIPPED WITH AN ADJUSTABLE JET-BREAKER THAT ENSURES UNIFORM DISTRIBUTION OF WATER SUITABLE FOR THE IRRIGATION OF GARDENS, PARKS, ORCHARDS AND VEGETABLES
PARTICULARLY SUITABLE FOR IRRIGATION IN HIGH-WIND AREAS
1" FEMALE SCREW CONNECTION
PLASTIC INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ZAMAK, BRASS, STAINLESS STEEL, NBR, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
4,75x5,5	2	12,5	45	5,51
4,75x5,5	3	14,5	54	5,18
4,75x5,5	4	15,5	66	5,25
4,75x6,25	2	13,5	54	5,66
4,75x6,25	3	14,5	66	6
4,75x6,25	4	15,5	75	5,96
4,75x7	2	14	66	6,43
4,75x7	3	15	78	6,62
4,75x7	4	16	90	6,72

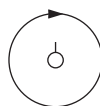


NOZZLE
Diameter 6 · 12 mm



1,23 Kg

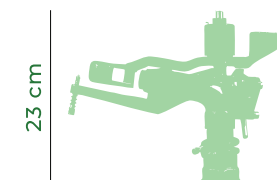
FULL & PART CIRCLE MODEL



23 cm



28 cm



PSC/22 9°-S

UNDERTREE SINGLE-JET PART CIRCLE DYNAMIC SPRINKLER
TRAJECTORY ANGLE: 9°
UPON REQUEST, THE FULL CIRCLE MODEL IS AVAILABLE TOO
EQUIPPED WITH AN ADJUSTABLE JET-BREAKER THAT ENSURES UNIFORM DISTRIBUTION OF WATER SUITABLE FOR THE IRRIGATION OF PARKS, ORCHARDS, CITRUS GROVES, VEGETABLES AND FOR DUST SUPPRESSION
PARTICULARLY SUITABLE FOR IRRIGATION IN HIGH-WIND AREAS
1 1/4" FEMALE SCREW CONNECTION.
UPON REQUEST, 1 1/2" FEMALE SCREW CONNECTION

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
6	2	10	42	8,02
6	3	11	54	8,52
6	4	12	60	7,94
8	2	13	54	6,27
8	3	15	60	5,79
8	4	16,5	78	5,47
10	2	14	90	8,77
10	3	16,5	108	7,58
10	4	18	120	7,07

PLASTIC INTERCHANGEABLE NOZZLES
MATERIALS USED: PA, ALUMINIUM, BRASS, STAINLESS STEEL, NBR, TEFLON

DYNAMIC TURBINE

GUNS

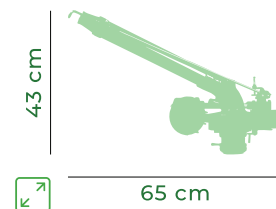




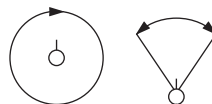
NOZZLE
Diameter 16 · 22 mm



5,5 Kg



FULL & PART CIRCLE MODEL



P/50

DYNAMIC TURBINE GUN

BOTH FULL CIRCLE AND PART CIRCLE FUNCTIONING
EQUIPPED WITH TWO NOZZLES: THE MAIN ONE
ENSURES THE JET LENGTH AND THE SECONDARY
ONE TRIGGERS THE TURBINE
THE MOVEMENT IS UNIFORM AND ENSURES EXCELLENT
DISTRIBUTION OF WATER IN THE VICINITY OF THE GUN
THE MAIN NOZZLE IS EQUIPPED WITH AN
ADJUSTABLE JET-BREAKER
A PRECISE SECTOR ADJUSTMENT CAN BE MANUALLY
DONE BY THE OPERATOR IN ABSOLUTE SAFETY
SUITABLE FOR STATIONARY INSTALLATIONS
2" FEMALE SCREW CONNECTION

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
16x7	2	27	302	8,50
16x7	3	29	369	8,80
16x7	4	32	426	7,90
18x7	3	33	454	8,50
18x7	4	36	531	8,30
18x7	5	39	588	7,80
20x7	4	38	633	8,60
20x7	5	42	684	7,80
20x7	6	45	773	7,60

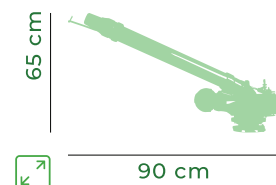
BRASS INTERCHANGEABLE NOZZLES FOR THE MAIN WATER OUTLET
AND PLASTIC ONES FOR THE SECONDARY HOLE
MATERIALS USED: PA, ALUMINIUM, BRASS, STAINLESS STEEL, TEFLON



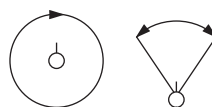
NOZZLE
Diameter 18 · 38 mm



10,8 Kg



FULL & PART CIRCLE MODEL



P/70

DYNAMIC TURBINE GUN.

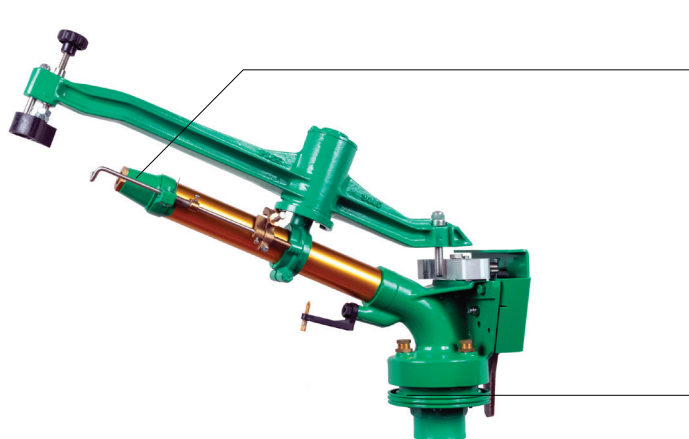
BOTH FULL CIRCLE AND PART CIRCLE FUNCTIONING
EQUIPPED WITH TWO NOZZLES: THE MAIN ONE
ENSURES THE JET LENGTH AND THE SECONDARY
ONE TRIGGERS THE TURBINE
THE MOVEMENT IS UNIFORM AND ENSURES EXCELLENT
DISTRIBUTION OF WATER IN THE VICINITY OF THE GUN
THE MAIN NOZZLE IS EQUIPPED WITH AN
ADJUSTABLE JET-BREAKER
A PRECISE SECTOR ADJUSTMENT CAN BE MANUALLY
DONE BY THE OPERATOR IN ABSOLUTE SAFETY
SUITABLE FOR STATIONARY AND
SELF-PROPELLED INSTALLATIONS
6-HOLE FLANGED SCREW CONNECTION

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
30x8,5	4	50	1236	9,90
30x8,5	5	53	1407	9,60
30x8,5	6	56	1525	9,10
32x8,5	5	55	1582	9,80
32x8,5	6	58	1717	9,50
32x8,5	7	61	1863	9,40
34x8,5	5	56	1714	10,20
34x8,5	6	60	1921	10,00
34x8,5	7	53	2089	10,10

PLASTIC INTERCHANGEABLE NOZZLES FOR BOTH THE MAIN
WATER OUTLET AND THE SECONDARY ONE
MATERIALS USED: PA, ALUMINIUM, BRASS, STAINLESS STEEL, TEFLON

SLOW REVERSE IMPACT GUNS **WITH SINGLE** **ARM**

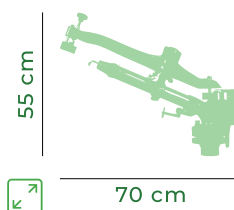




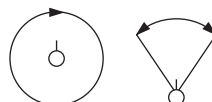
NOZZLE
Diameter 16 · 22 mm



9 Kg



FULL & PART CIRCLE MODEL



PL/55

DYNAMIC GUN WITH ROCKER ARM

BOTH FULL CIRCLE AND PART CIRCLE FUNCTIONING
THE WEDGE-DRIVEN ROCKER ARM ALLOWS THE
OPERATOR TO OPTIMIZE THE GUN PERFORMANCES IN
ANY SITUATION

THE SLOW-RETURN GUN, THANKS TO ITS OSCILLATING
ROCKER ARM AND ITS SECOND WATER OUTLET
SITUATED UNDER THE FIRST ONE AND EQUIPPED
WITH A JET-BRAKER, ENSURES UNIFORM DISTRIBUTION
OF WATER IN THE VICINITY OF THE GUN

BOTH ITS NOZZLES ARE EQUIPPED WITH AN
ADJUSTABLE JET-BRAKER

A PRECISE SECTOR ADJUSTMENT CAN BE MANUALLY
DONE BY THE OPERATOR IN ABSOLUTE SAFETY
23° TRAJECTORY ANGLE GUARANTEES THE MAXIMUM
JET LENGTH POSSIBLE IN ANY WORK CONDITION

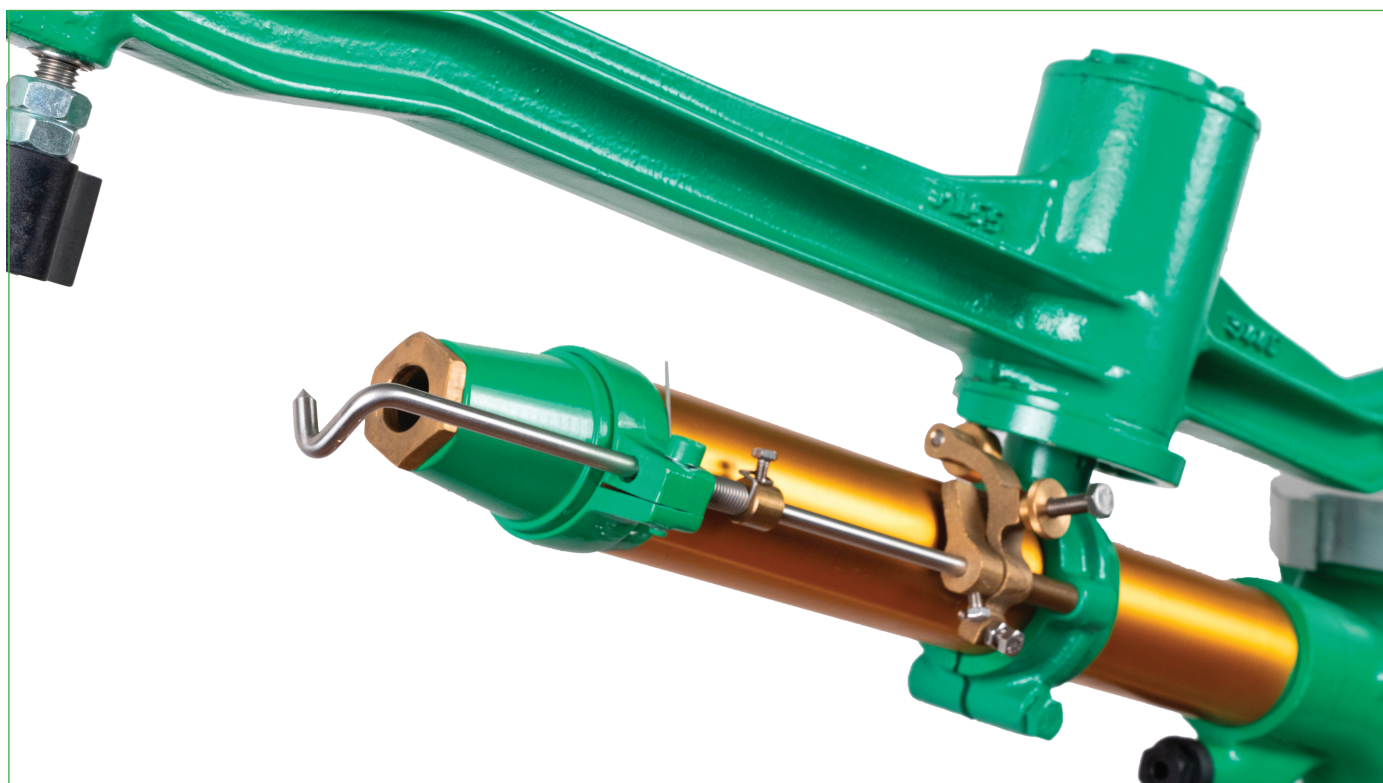
ADJUSTABLE CLUTCH TO OPTIMIZE THE GUN
PERFORMANCES AT LOW AND HIGH PRESSURES

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
16x5,5	3	32	283	5,10
16x5,5	4	36	320	4,70
16x5,5	5	40	370	4,40
18x5,5	3	35	360	6,10
18x5,5	4	39	415	5,60
18x5,5	5	42	462	5,10
20x5,5	4	41	515	6,20
20x5,5	5	44	572	5,70
20x5,5	6	48	625	5,30

SUITABLE FOR ANY MOBILE OR STATIONARY INSTALLATION,
PIVOTS AND IN PARTICULAR SELF-PROPELLED MACHINES
THE MOVEMENT PRODUCED DURING ITS FUNCTIONING
DOES NOT DEVIATE THE TROLLEY ESPECIALLY ON SLOPING
TERRAINS AND ENSURES PERFECT STABILITY ON FIXED INSTALLATIONS
2" FEMALE SCREW CONNECTION

BRASS INTERCHANGEABLE NOZZLES FOR THE MAIN WATER
OUTLET AND PLASTIC ONES FOR THE SECONDARY HOLE

MATERIALS USED: PA, ALUMINIUM, BRASS, STAINLESS STEEL, TEFLON

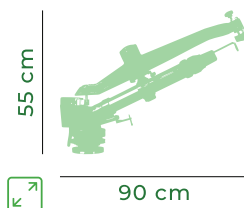




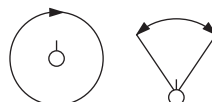
NOZZLE
Diameter 18 · 38 mm



15,2 Kg



**FULL & PART CIRCLE
MODEL**



PL/66

DYNAMIC GUN WITH ROCKER ARM

BOTH FULL CIRCLE AND PART CIRCLE FUNCTIONING
THE WEDGE-DRIVEN ROCKER ARM ALLOWS THE
OPERATOR TO OPTIMIZE THE GUN PERFORMANCES
IN ANY SITUATION

THE SLOW-RETURN GUN, THANKS TO ITS OSCILLATING
ROCKER ARM AND ITS SECOND WATER OUTLET
SITUATED UNDER THE FIRST ONE AND EQUIPPED
WITH A JET-BRAKER, ENSURES UNIFORM DISTRIBUTION
OF WATER IN THE VICINITY OF THE GUN.

BOTH ITS NOZZLES ARE EQUIPPED WITH AN
ADJUSTABLE JET-BRAKER

A PRECISE SECTOR ADJUSTMENT CAN BE MANUALLY
DONE BY THE OPERATOR IN ABSOLUTE SAFETY
23° TRAJECTORY ANGLE GUARANTEES THE MAXIMUM
JET LENGTH POSSIBLE IN ANY WORK CONDITION
ADJUSTABLE CLUTCH TO OPTIMIZE THE GUN
PERFORMANCES AT LOW AND HIGH PRESSURES

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
26x5,5	4	47	865	7,60
26x5,5	5	51	970	6,90
26x5,5	6	55	1056	6,50
30x5,5	5	56	1290	8,20
30x5,5	6	60	1411	8,00
30x5,5	7	63	1525	7,90
34x5,5	5	59	1644	9,50
34x5,5	6	63	1795	9,10
34x5,5	7	66	1935	8,90

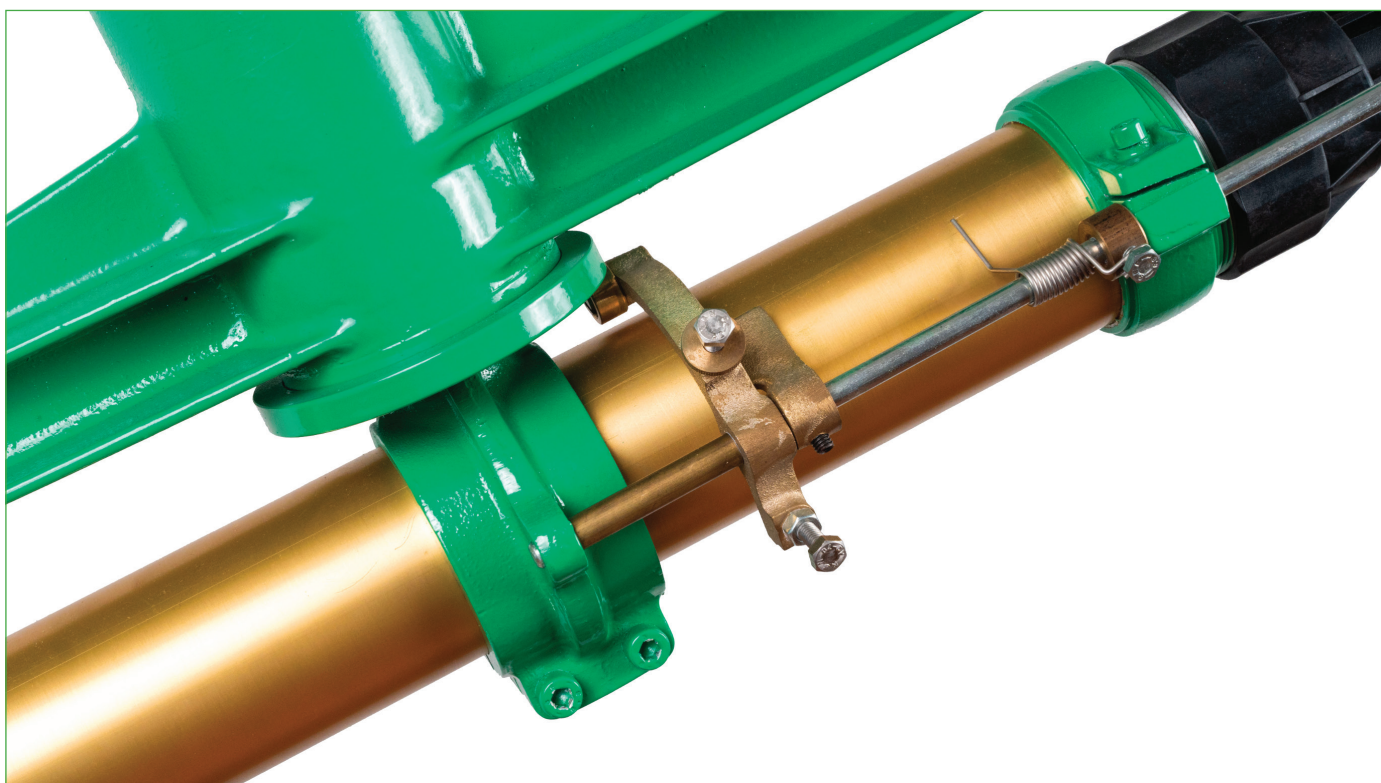
SUITABLE FOR ANY MOBILE OR STATIONARY
INSTALLATION, PIVOTS AND IN PARTICULAR
SELF-PROPELLED MACHINES

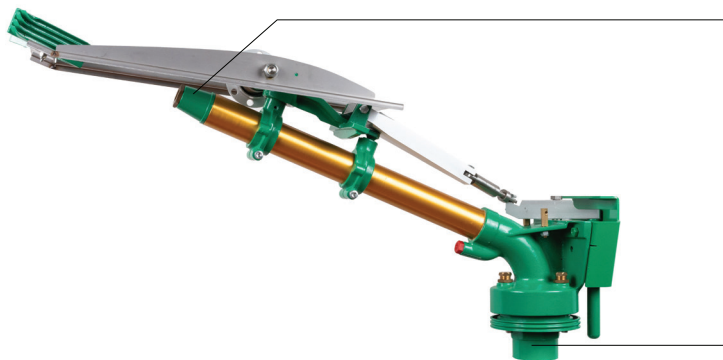
THE MOVEMENT PRODUCED DURING ITS FUNCTIONING DOES NOT
DEVIATE THE TROLLEY ESPECIALLY ON SLOPING TERRAINS
AND ENSURES PERFECT STABILITY ON FIXED INSTALLATIONS

6-HOLE FLANGED SCREW CONNECTION

PLASTIC INTERCHANGEABLE NOZZLES FOR BOTH THE MAIN
WATER OUTLET AND THE SECONDARY ONE

MATERIALS USED: PA, ALUMINIUM, BRASS, STAINLESS STEEL TEFLON

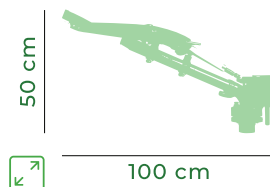




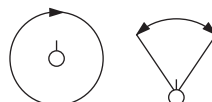
NOZZLE
Diameter 16 · 22 mm



9,4 Kg



**FULL & PART CIRCLE
MODEL**

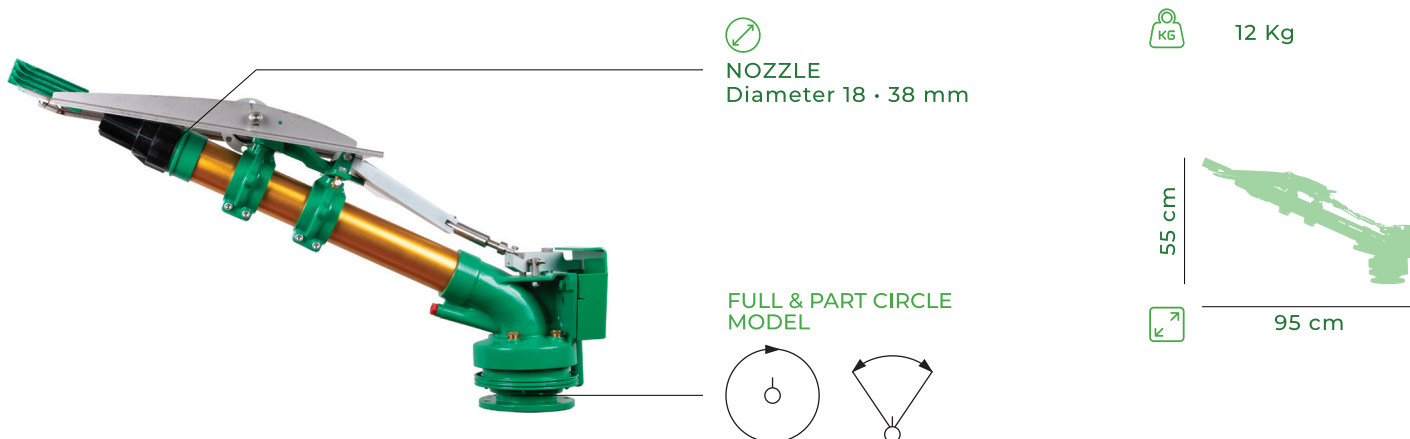


PVR/50

DYNAMIC GUN WITH ROCKER ARM.
BOTH FULL CIRCLE AND PART CIRCLE FUNCTIONING.
A PRECISE SECTOR ADJUSTMENT CAN BE MANUALLY
DONE BY THE OPERATOR IN ABSOLUTE SAFETY.
23° TRAJECTORY ANGLE GUARANTEES THE MAXIMUM
JET LENGTH POSSIBLE IN ANY WORK CONDITION.
ADJUSTABLE CLUTCH TO OPTIMIZE THE GUN
PERFORMANCES AT LOW AND HIGH PRESSURES.
SUITABLE FOR ANY MOBILE OR STATIONARY
INSTALLATION, PIVOTS AND IN PARTICULAR
SELF-PROPELLED MACHINES.
THE MOVEMENT PRODUCED DURING ITS FUNCTIONING
DOES NOT DEVIATE THE TROLLEY ESPECIALLY ON SLOPING
TERRAINS AND ENSURES PERFECT STABILITY ON
FIXED INSTALLATIONS.
2" FEMALE SCREW CONNECTION.
BRASS INTERCHANGEABLE NOZZLE.
MATERIALS USED: PA, ALUMINIUM, BRASS,
STAINLESS STEEL, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
16	3	32	283	5,10
16	4	36	320	4,70
16	5	40	370	4,40
18	3	35	360	6,10
18	4	39	415	5,60
18	5	42	462	5,10
20	4	41	515	6,20
20	5	44	572	5,70
20	6	48	625	5,30





PVR/70

DYNAMIC GUN WITH ROCKER ARM
 BOTH FULL CIRCLE AND PART CIRCLE FUNCTIONIN.
 A PRECISE SECTOR ADJUSTMENT CAN BE MANUALLY
 DONE BY THE OPERATOR IN ABSOLUTE SAFETY
 23° TRAJECTORY ANGLE GUARANTEES THE MAXIMUM
 JET LENGTH POSSIBLE IN ANY WORK CONDITION
 ADJUSTABLE CLUTCH TO OPTIMIZE THE GUN
 PERFORMANCES AT LOW AND HIGH PRESSURES
 SUITABLE FOR ANY MOBILE OR STATIONARY
 INSTALLATION, PIVOTS AND IN PARTICULAR
 SELF-PROPELLED MACHINES
 THE MOVEMENT PRODUCED DURING ITS FUNCTIONING
 DOES NOT DEVIATE THE TROLLEY ESPECIALLY ON
 SLOPING TERRAIN AND ENSURES PERFECT STABILITY
 ON FIXED INSTALLATIONS
 6-HOLE FLANGED SCREW CONNECTION
 PLASTIC INTERCHANGEABLE NOZZLE
 MATERIALS USED: PA, ALUMINIUM, BRASS,
 STAINLESS STEEL, TEFLON

NOZZLE Ø	PRESSURE ATM	JET LENGHT MT	DISCHARGE L/MIN	RAINFALL MM/H
24	4	45	737	7,10
24	5	49	825	6,60
24	6	53	905	6,20
28	4	53	1125	7,70
28	5	57	1230	7,50
28	6	60	1328	7,30
32	5	58	1458	8,70
32	6	62	1595	8,60
32	7	65	1715	8,40



HOW TO DISPOSE THE SPRINKLERS

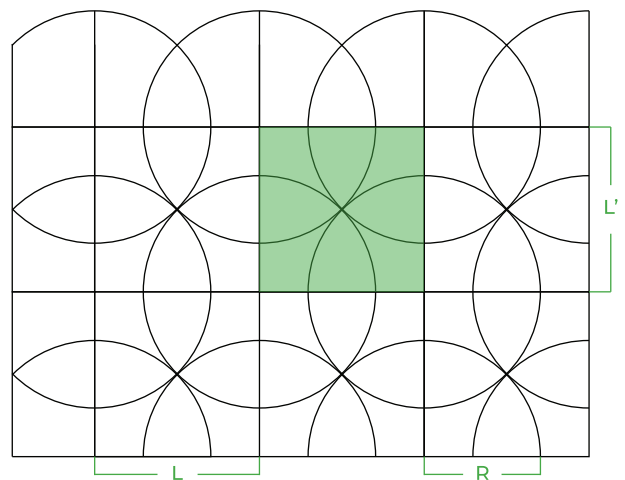
The schedules for each sprinkler would be useful. All performance data was calculated in windless conditions.

Sprinklers set distances have been determined, in order to obtain a sufficient overlapping jet. In case of wind or where special installation is required, the scheduled distances will be adjusted. The common dispositions are the following

SQUARE

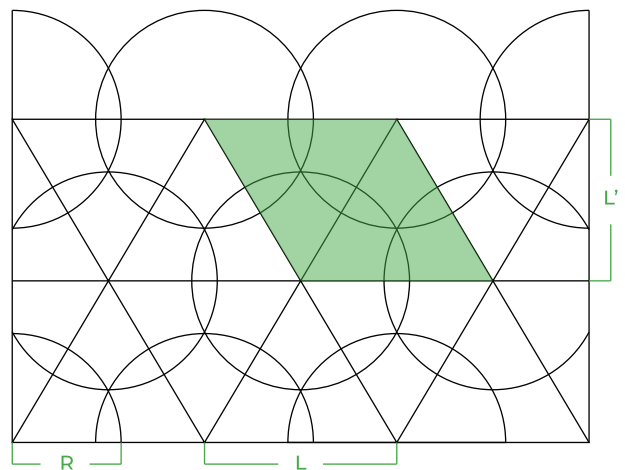
$$L=L'=1,30 \times R$$

L = DISTANCE OF THE SPRINKLERS ON THE PIPELINE
L' = DISTANCE BETWEEN TWO CONTIGUOUS PIPELINES
R = JET LENGHT



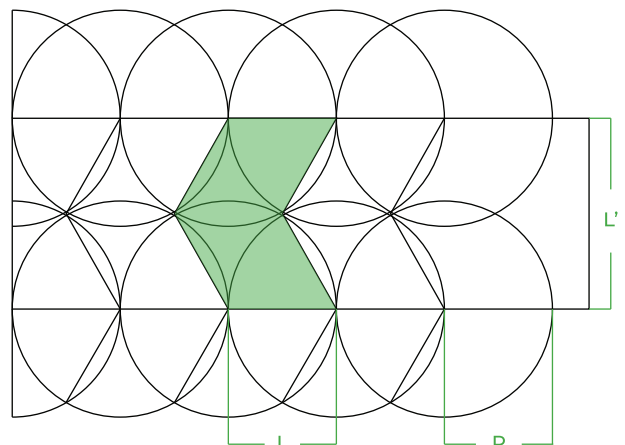
TRIANGLE

$$R \times 1,59 = L - R \times 1,38 = L'$$



RECLONGLE

$$L=R \quad L'=1,8 \times R$$





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