GREENCARE

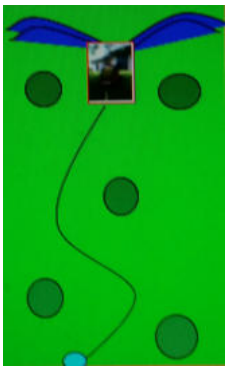
www.ormasrl.it





turbine-powered reel irrigator

GREENCARE



		Ø 12m Ø 39ft	10/15 Lt/min 3,5 GPM
		Ø 20m Ø 66ft	10/15 Lt/min 3,5 GPM

Passeggiando Ø 20 mm x 30 m

"Passeggiando" irrigates using water pressure to move, ensuring uniform, controlled, and silent irrigation. Reliable and extremely versatile, it is ideal for both professional and non-professional applications: gardening, floriculture, sports fields, racetracks, and campsites.
During operation, "Passeggiando" follows the track of the hose previously laid out by the operator, rewinding itself as it moves.
Thanks to its innovative low-pressure turbine system, it allows the use of special water sources and fertilizers, optimizing water resource management

inlet pressure **min - max**	rewind speed **min - max**	wetted area **m2**	machine weight **kg.**	package *	gross weight **kg.**	dimensions **cm.**	
2,5 - 4 bar	8 - 20 m/h	500 / 1100 mq	28	A	28	44x80x48	9 units

(* **A** box - **B** box on pallet - **C** pallets and nylon)

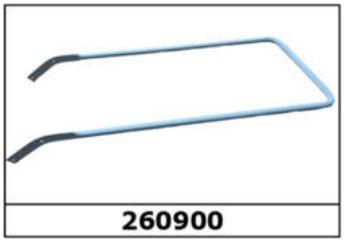


code	STANDARD EQUIPMENT
360500	**PASSEGGIANDO 20 m. 30 turbine** (Ø 20 mm hose - 30 m lenght) during irrigation it moves following the trajectory of the hose placed on the ground by the user and winds up with: - high performance turbine with gearbox - 360° irrigator - by-pass valve for adjustable flow rate and adjustable irrigation speed - automatic rolling stop at end irrigation - water passage stopping valve at end irrigation (overpressure)

code	accessories on request
260200	sectorial sprinkler with 4 mm nozzle
260900	handle for Passeggiando transport
LE0000	pallet cm. 80 x 60 for 1 unit
LE0001	pallet cm. 120 x 80 for 9 unit



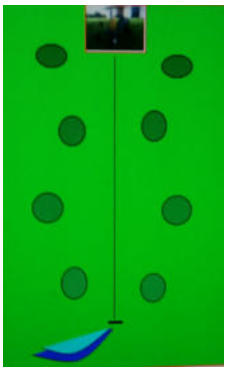
260200



260900

turbine-powered reel irrigator

GREENCARE



		Ø 20m Ø 66ft	10/15 Lt/min 3,5 GPM

Leader 20 turbine Ø 20 mm x 40 m

Leader 20 uses water pressure to retrieve the sprinkler cart, ensuring uniform, controlled, and silent irrigation. Reliable and extremely versatile, it is ideal for both professional and non-professional applications: gardening, floriculture, sports fields, racetracks, and campsites.

Thanks to its innovative low-pressure turbine system, it allows the use of special water sources and fertilizers, optimizing the use of water resources.

inlet pressure **min - max**	rewind speed **min - max**	wetted area **m2**	machine weight **kg.**	package *	gross weight **kg.**	dimensions **cm.**	
2,5 - 4 bar	8 - 20 m/h	1300 mq	35	A	35	44x80x48	9 units

(* **A** box - **B** box on pallet - **C** pallets and nylon)



code	STANDARD EQUIPMENT
LE20040N	**Leader 20 m. 40 turbine** (Ø 20 mm PE hose - 40 m lenght) with: - high performance turbine with gearbox - sprinkler trolley on wheels - sectorial sprinkler with nozzle 4 mm - by-pass valve for adjustable flow rate and adjustable irrigation speed - automatic rolling stop at end irrigation - water passage stopping valve at end irrigation (overpressure) -automatic sprinkler trolley lifting

code	accessories on request
LE0031	5 m flexible connection pipe
LE0000	box with pallet cm. 80 x 60 for 1 unit
LE0001	pallet cm. 120 x 80 for 9 unit



LE0031

turbine-powered reel irrigator

GREENCARE



Leader 25 turbine Ø 25 mm x 50 m

Leader 25 uses water pressure to retrieve the sprinkler cart, ensuring uniform, controlled, and silent irrigation. Reliable and extremely versatile, it is ideal for both professional and non-professional applications: gardening, floriculture, sports fields, racetracks, and campsites.

Thanks to its innovative low-pressure turbine system, it allows the use of special water sources and fertilizers, optimizing the use of water resources.

inlet pressure **min - max**	rewind speed **min - max**	wetted area **m2**	machine weight **kg.**	package *	gross weight **kg.**	dimensions **cm.**	
2,5 - 4 bar	8 - 40 m/h	1600 mq	65	B	75	60x80x90	4 units

(* **A** box - **B** box on pallet - **C** pallets and nylon)

GREENCARE

code
LE25050N



STANDARD EQUIPMENT

Leader 25 m. 50 turbine
(Ø 25 mm PE hose - 50 m lenght)
with:
- high performance turbine with gearbox
- sprinkler trolley on wheels
- sectorial sprinkler with nozzles 5, 6, 7 mm
- by-pass valve for adjustable flow rate and adjustable irrigation speed
- automatic rolling stop at end irrigation
- water passage stopping valve at end irrigation (overpressure)
- automatic sprinkler trolley lifting

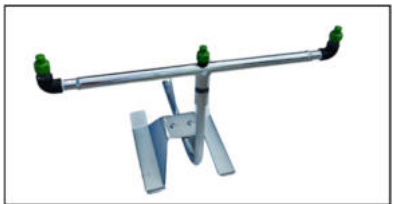
code	accessories on request
LE0054	pressure gauge at the entry
LE0008	3 m flexible connection pipe with joints
LE0047	sprinkler trolley breadth cm. 26, on sleds (on alternative to standard)
LE0027	boom 70 cm - 3 nozzles - sprinkling width 6/8 m
LE0043	filter 1" with outlet valve
LE0043C	filter 1" with outlet valve and quick couplings
LE0004	box with pallet cm. 76 x 60 x 90 H
LE0001	pallet cm. 120 x 75 for 2 or 4 L25 machines
IMBLE25	box cm. 76 x 60 x 80 H


LE0054


LE0008


LE0047


LE0027


LE0047 + LE0027


LE0043


LE0043C

nozzle diameter	inlet pressure	flow		max. wetted width	useful wet width	rainfall intensity in mm			
mm.	bar	l/min	m3/h	m	85%	10m/h	20m/h	30m/h	40m/h
Leader Turbina 25/50 m									
5	2,3	20	1,2	24	20	5,0	2,5	1,7	1,3
	2,8	22	1,3	26	22	5,1	2,6	1,7	1,3
	3,8	27	1,6	28	24	5,8	2,9	1,9	1,5
6	3,0	32	1,9	28	24	6,9	3,5	2,3	1,7
	4,0	39	2,3	30	26	7,8	3,9	2,6	2,0
7	3,0	42	2,5	29	25	8,7	4,4	2,9	2,2
	4,0	52	3,1	32	27	9,8	4,9	3,3	2,5

turbine-powered reel irrigator

GREENCARE



Leader 32 turbine Ø 32 mm x 70 m

Leader 32 uses water pressure to retrieve the sprinkler cart, ensuring uniform, controlled, and silent irrigation. Reliable and extremely versatile, it is ideal for both professional and non-professional applications: gardening, floriculture, sports fields, racetracks, and campsites.

Thanks to its innovative low-pressure turbine system, it allows the use of special water sources and fertilizers, optimizing the use of water resources.

inlet pressure **min - max**	rewind speed **min - max**	wetted area **m2**	machine weight **kg.**	package *	gross weight **kg.**	dimensions **cm.**	
2,5 - 4,5 bar	8 - 40 m/h	3000 mq	110	B	124	90x90x110	2 units

(* **A** box - **B** box on pallet - **C** pallets and nylon)

GREENCARE

code
LE32070P



STANDARD EQUIPMENT

Leader 32 m. 70 turbine
(Ø 32 mm PE hose - 70 m lenght)
with:

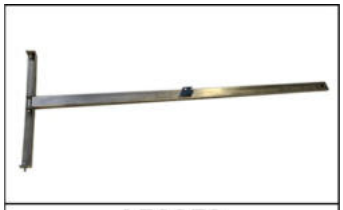
- high performance turbine with gearbox
- sprinkler trolley on wheels
- sectorial sprinkler with nozzles 6, 7, 8 mm
- by-pass valve for adjustable flow rate and adjustable irrigation speed
- hoseguide
- automatic rolling stop in case of pipe rolling out of drum
- automatic rolling stop at end irrigation
- water passage stopping valve at end irrigation (overpressure)
- automatic sprinkler trolley lifting

code	accessories on request
LE0055	pressure gauge at the entry
LE0009	3 m flexible connection pipe with joints
LE0053	towing drawbar
LE0041	stopping device without water stop (to add to standard)
LE0042	stopping device without water stop (on alternative to standard)
LE0048	sprinkler trolley breadth cm. 26, on sleds (on alternative to standard)
LE0028	boom 70 cm - 4 nozzles - sprinkling width 8 m
LE0026	water pressure regulator 45 m.c.a.
LE0044	filter 1"1/4 with outlet valve
LE0044C	filter 1"1/4 with outlet valve and quick couplings
LE0021	pallet cm. 90 x 90
LE0005	box with pallet cm. 90 x 90 x 110 H


LE0044

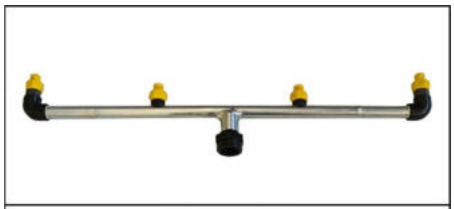

LE0055


LE0009


LE0053


LE0044C


LE0048


LE00028


LE0048 + LE0028


LE0026

nozzle diameter mm.	inlet pressure bar	flow l/min	flow m3/h	max. wetted width m	useful wet width 85%	rainfall intensity in mm 10m/h	20m/h	30m/h	40m/h
Leader Turbina 32/70 m									
6	3	32	1,9	29	25	6,6	3,3	2,2	1,7
	3,5	35	2,1	31	26	6,8	3,4	2,3	1,7
	4,2	39	2,3	33	28	7,1	3,6	2,4	1,8
7	3,3	42	2,5	30	26	8,4	4,2	2,8	2,1
	4,0	48	2,9	32	27	9	4,5	3,0	2,2
	4,5	52	3,1	34	29	9,2	4,6	3,1	2,3
8	3	50	3	32	27	9,4	4,7	3,1	2,4
	3,9	57	3,4	34	29	10,1	5,1	3,4	2,5
	4,5	61	3,7	36	30,5	10,2	5,1	3,4	2,6

GREENCARE

turbine-powered reel irrigator



New Plus version

Leader 32 Plus - turbine Ø 32 mm x 120 m

Leader 32 uses water pressure to retrieve the sprinkler cart, ensuring uniform, controlled, and silent irrigation. Reliable and extremely versatile, it is ideal for both professional and non-professional applications: gardening, floriculture, sports fields, racetracks, and campsites.

Thanks to its innovative low-pressure turbine system, it allows the use of special water sources and fertilizers, optimizing the use of water resources.

inlet pressure **min - max**	rewind speed **min - max**	wetted area **m2**	machine weight **kg.**	package *	gross weight **kg.**	dimensions **cm.**
3 - 5,5 bar	8 - 40 m/h	4800 mq	195	B	231	145x105x150

(* **A** box - **B** box on pallet - **C** pallets and nylon)

GREENCARE

code
LE32120B



STANDARD EQUIPMENT

Leader 32 m. 120 turbine
(Ø 32 mm PE hose - 120 m lenght)
with:

- high performance aluminium turbine
- oil bath gearbox
- sprinkler trolley on wheels
- sectorial sprinkler with nozzles 6, 7, 8 mm
- by-pass valve for adjustable flow rate and adjustable irrigation speed
- hoseguide
- automatic rolling stop in case of pipe rolling out of drum
- automatic rolling stop at end irrigation
- water passage stopping valve at end irrigation (overpressure)
- automatic sprinkler trolley lifting

code	accessories on request
LE0056	pressure gauge at the entry
LE0010	3 m flexible connection pipe with joints
LE0023	stopping device without water stop (to add to standard)
LE0025	stopping device without water stop (on alternative to standard)
LE0057	low sprinkler trolley on wheels for under trees (on alternative to standard trolley)
LE0011	boom 120 cm - 4 nozzles - sprinkling width 8/10 m
LE0038	boom 8 m in 3 pieces - 6 nozzles - sprinkling width 12/14 m
LE0045	filter 1"1/2 with outlet valve
LE0045C	filter 1"1/2 with outlet valve and quick couplings
LE0002	pallet cm. 145 x 105
LE0006	box with pallet cm. 145 x 105 x 140 H

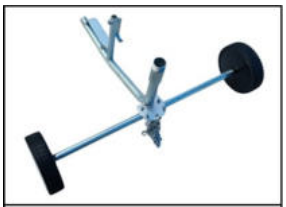

LE0045

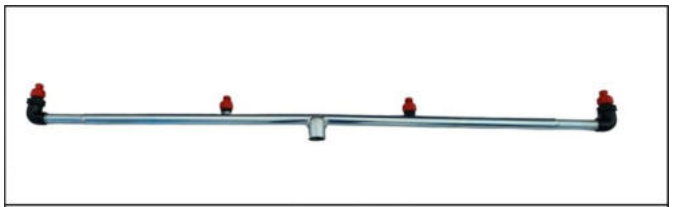

LE0056


LE0010


LE0057 + LE011L32


LE0045C


LE0057


LE0011L32


LE0038

nozzle diameter	inlet pressure	flow		max. wetted width	useful wet width	rainfall intensity in mm			
mm.	bar	l/min	m3/h	m	85%	10m/h	20m/h	30m/h	40m/h
Leader Turbina 32/120 m									
6	4,2	39	2,3	33	28	7,1	3,6	2,4	1,8
	5,3	45	2,7	35	30	7,7	3,9	2,6	1,9
7	3,3	42	2,5	30	25,5	8,4	4,2	2,8	2,1
	4,6	52	3,1	34	29	9,2	4,6	3,1	2,3
	5,8	60	3,6	37	31	9,7	4,9	3,2	2,4
8	3,9	57	3,4	34	29	10,1	5,1	3,4	2,5
	5,0	69	4,1	38	32	10,9	5,5	3,6	2,7
	5,8	80	4,8	41	35	11,7	5,9	3,9	2,9
9	3,2	71	4,3	33	28	12,9	6,5	4,3	3,2
	4,9	87	5,2	37	31,5	14,1	7,1	4,7	3,5
	5,7	100	6,1	39	33	15,4	7,7	5,1	3,9

GREENCARE

turbine-powered reel irrigator



New Plus version

Leader 40 Plus - turbine Ø 40 mm x 120 m

Leader 40 uses water pressure to retrieve the sprinkler cart, ensuring uniform, controlled, and silent irrigation. Reliable and extremely versatile, it is ideal for both professional and non-professional applications: gardening, floriculture, sports fields, racetracks, and campsites.

Thanks to its innovative low-pressure turbine system, it allows the use of special water sources and fertilizers, optimizing the use of water resources.

inlet pressure **min - max**	rewind speed **min - max**	wetted area **m2**	machine weight **kg.**	package *	gross weight **kg.**	dimensions **cm.**
3 - 5,5 bar	8 - 40 m/h	5000 mq	210	B	246	145x105x150

(* **A** box - **B** box on pallet - **C** pallets and nylon)

GREENCARE

code
LE40120B



STANDARD EQUIPMENT

Leader 40 m. 120 turbine
(Ø 40 mm PE hose - 120 m lenght)
with:

- high performance aluminium turbine
- oil bath gearbox
- sprinkler trolley on wheels
- sectorial sprinkler with nozzles 8, 9, 10 mm
- by-pass valve for adjustable flow rate and adjustable irrigation speed
- hoseguide
- automatic rolling stop in case of pipe rolling out of drum
- automatic rolling stop at end irrigation
- water passage stopping valve at end irrigation (overpressure)
- automatic sprinkler trolley lifting

code	accessories on request
LE0056	pressure gauge at the entry
LE0010	3 m flexible connection pipe with joints
LE0023	stopping device without water stop (to add to standard)
LE0025	stopping device without water stop (on alternative to standard)
LE0057	low sprinkler trolley on wheels for under trees (on alternative to standard trolley)
LE0011	boom 120 cm - 4 nozzles - sprinkling width 8/10 m
LE0038	boom 8 m in 3 pieces - 6 nozzles - sprinkling width 12/14 m
LE0045	filter 1"1/2 with outlet valve
LE0045C	filter 1"1/2 with outlet valve and quick couplings
LE0002	pallet cm. 145 x 105
LE0006	box with pallet cm. 145 x 105 x 140 H


LE0045

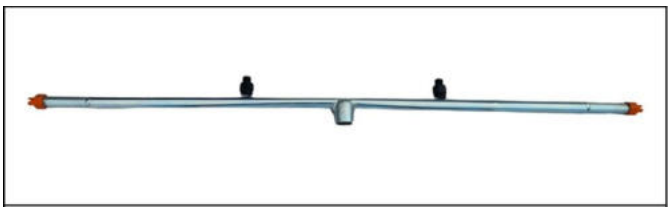

LE0056


LE0010


LE0057 + LE011L40


LE0045C


LE0057


LE0011L40


LE0038

nozzle diameter	inlet pressure	flow		max. wetted width	useful wet width	rainfall intensity in mm			
mm.	bar	l/min	m3/h	m	85%	10m/h	20m/h	30m/h	40m/h
Leader Turbina 40/120 m									
8	3,9	57	3,4	34	29	10,1	5,1	3,4	2,5
	5,0	69	4,1	38	32	10,9	5,5	3,6	2,7
	6,0	80	4,8	41	35	11,7	5,9	3,9	2,9
9	3,0	71	4,2	35	30	12,2	6,1	4,1	3,1
	4,2	87	5,2	39	33	13,4	6,7	4,5	3,4
	5,4	100	6	42	36	14,3	7,2	4,8	3,6
10	4,2	88	5,3	30	25,5	17,6	8,8	5,9	4,4
	4,9	107	6,4	35	30	18,3	9,2	6,1	4,6
	5,5	124	7,4	38	32	19,6	9,8	6,5	4,9

turbine-powered reel irrigator

GREENCARE



Leader 50 turbine Ø 50 mm x 150 - 180 m

Leader 50 uses water pressure to retrieve the sprinkler cart, ensuring uniform, controlled, and silent irrigation. Reliable and extremely versatile, it is ideal for both professional and non-professional applications: gardening, floriculture, sports fields, racetracks, and campsites.

Thanks to its innovative low-pressure turbine system, it allows the use of special water sources and fertilizers, optimizing the use of water resources.

metri	inlet pressure **min - max**	rewind speed **min - max**	wetted area **m2**	machine weight **kg.**	package *	gross weight **kg.**	dimensions **cm.**
150	3 - 5,5 bar	8 - 40 m/h	7600 mq	360	C	393	170x133x175
180	3 - 5,5 bar	8 - 30 m/h	8400 mq	390	C	423	170x133x175

(* **A** box - **B** box on pallet - **C** pallets and nylon)

GREENCARE

code
LE50150A
LE50180A



STANDARD EQUIPMENT

Leader 50 m. 150 turbine (Ø 50 mm PE hose - 150 m lenght)
Leader 50 m. 180 turbine (Ø 50 mm PE hose - 180 m lenght)
with:

- high performance aluminium turbine
- oil bath gearbox
- sprinkler trolley on wheels
- sectorial sprinkler with nozzles 9+4, 10+4, 12+4 mm
- by-pass valve for adjustable flow rate and adjustable irrigation speed
- hoseguide
- automatic rolling stop in case of pipe rolling out of drum
- automatic rolling stop at end irrigation
- water passage stopping valve at end irrigation (overpressure)
- automatic sprinkler trolley lifting

code	accessories on request
LE0032	brake for unrolling
LE0056	pressure gauge at the entry
LE0012	3 m flexible connection pipe with joints
LE0062	tool box with cover cm. 50 x 17 x 22 h
LE0051	extension 1 m for sprinkler trolley
LE0052	sprinkler trolley ballasts
LE0058	low sprinkler trolley for under trees (on alternative to standard)
LE0059	pair of wheels in solid rubber on alternative to standard (increase)
LE0023	stopping device without water stop (to add to standard)
LE0025	stopping device without water stop (on alternative to standard)
LE0040L50	low pressure water stopping valve at end irrigation (on alternative to std)
LE0046	filter 2" with outlet valve
LE0035	boom 12 m in 5 pieces - 14 nozzles - sprinkling width 16 m
LE0017	boom 16 m in 7 pieces - 18 nozzles - sprinkling width 20 m
LE0037	filter for booms LE0017 - LE0035 with joints (to be placed before the flexible pipe code LE0012)
LE0034	nylon packaging on pallet cm. 170 x 133 x 175 H


LE0046


LE0056


LE0012


LE0058


LE0062


LE0051

nozzle diameter	inlet pressure	flow		max. wetted width	useful wet width	rainfall intensity in mm			
mm.	bar	l/min	m3/h	m	85%	10m/h	20m/h	30m/h	40m/h
Leader Turbina 50/150 - 180 m									
9+4	3,0	88	5,3	36	31	14,7	7,4	4,9	3,7
	4,0	107	6,4	40	34	16	8,0	5,3	4,0
	5,1	124	7,4	43	37	17,3	8,7	5,8	4,3
10+4	3,0	107	6,4	38	32	16,9	8,5	5,6	4,2
	4,2	130	7,8	42	36	18,6	9,3	6,2	4,7
	5,3	151	9	45	38	20,1	10,1	6,7	5,0
12+4	3,3	149	8,9	42	36	21,3	10,7	7,1	5,3
	4,7	182	10,9	47	40	23,2	11,6	7,7	5,8
	5,5	211	12,6	52	44	24,3	12,2	8,1	6,1

turbine-powered reel irrigator

GREENCARE



Leader 63 turbine Ø 63 mm x 110 m

Leader 63 uses water pressure to retrieve the sprinkler cart, ensuring uniform, controlled, and silent irrigation. Reliable and extremely versatile, it is ideal for both professional and non-professional applications: gardening, floriculture, sports fields, racetracks, and campsites.

Thanks to its innovative low-pressure turbine system, it allows the use of special water sources and fertilizers, optimizing the use of water resources.

inlet pressure **min - max**	rewind speed **min - max**	wetted area **m2**	machine weight **kg.**	package *	gross weight **kg.**	dimensions **cm.**
3 - 5,5 bar	8 - 30 m/h	6900 mq	380	C	413	170x133x175

(* **A** box - **B** box on pallet - **C** pallets and nylon)

GREENCARE

code
LE63110A



STANDARD EQUIPMENT

Leader 63 m. 110 turbine
(Ø 63 mm PE hose - 110 m lenght)
with:
- high performance aluminium turbine
- oil bath gearbox
- sprinkler trolley on wheels
- sectorial sprinkler with nozzles 10+5, 12+5, 14+5 mm
- by-pass valve for adjustable flow rate and adjustable irrigation speed
- hoseguide
- brake for unrolling
- automatic rolling stop in case of pipe rolling out of drum
- automatic rolling stop at end irrigation
- water passage stopping valve at end irrigation (overpressure)
- automatic sprinkler trolley lifting

code	accessories on request
LE0056	pressure gauge at the entry
LE0012	3 m flexible connection pipe with joints
LE0062	tool box with cover cm. 50 x 17 x 22 h
LE0051	extension 1 m. for sprinkler trolley
LE0052	sprinkler trolley ballasts
LE0058	low sprinkler trolley on wheels for under trees (on alternative to standard
LE0059	pair of wheels in solid rubber on alternative to standard (increase)
LE0023	stopping device without water stop (to add to standard)
LE0025	stopping device without water stop (on alternative to standard)
LE0040L50	low pressure water stopping valve at end irrigation (on alternative to std)
LE0046	filter 2" with outlet valve
LE0035	boom 12 m - 14 nozzles - sprinkling width 16 m
LE0017	boom 16 m - 18 nozzles - sprinkling width 20 m
LE0037	filter for booms LE0017 - LE0035 with joints (to be placed before the flexible pipe code LE0012)
LE0034	nylon packaging on pallet cm. 170 x 133 x 175 H


LE0046


LE0056


LE0012


LE0058


LE0062


LE0051

nozzle diameter	inlet pressure	flow		max. wetted width	useful wet width	rainfall intensity in mm			
mm.	bar	l/min	m3/h	m	85%	10m/h	20m/h	30m/h	40m/h
Leader Turbina 63/110 m									
12+5	3,0	125	9,1	40	34	18,7	9,4	6,2	4,7
	3,7	182	10,9	48	41	22,8	11,4	7,6	5,7
	4,7	211	12,6	54	46	23,4	11,7	7,8	5,9
14+5	3,0	195	11,7	42	36	27,9	14,0	9,3	7,0
	4,0	239	14,3	50	43	28,7	14,4	9,6	7,2
	4,8	277	16,6	58	49	28,7	14,4	9,6	7,2
16+5	3,0	247	14,8	44	37	33,7	16,9	11,2	8,4
	4,0	303	18,2	52	44	35,0	17,5	11,7	8,7
	5,0	351	21	60	51	35,1	17,5	11,7	8,8

solar-powered reel irrigator

GREENCARE



Leader 40 Solis et Pluvia Ø 40 mm x 120 m

Laeader Solis et Pluvia – Smart Solar-Powered Irrigation
Solar-powered electrical system with 120 meters of 40 mm hose, 24V electric motor, and a programmable control unit with remote control for precise and efficient irrigation.
Solis et Pluvia represents the evolution of sustainable irrigation: an advanced system powered by solar energy and a low-consumption electric motor, ensuring efficiency, precision, and optimized water management.

Key benefits:
Solar-powered, independent from the electrical grid
24V electric motor for efficient and silent operation
Programmable control unit with remote access for smart, intuitive management
Uniform and controlled water distribution to prevent waste
Irrigation speed up to 200 m/h
Fast and repeatable irrigation cycles to maintain ideal soil moisture throughout all growth stages
Reduced soil compaction and runoff, preserving crop quality
Low energy consumption for sustainable, low-impact irrigation

inlet pressure **min - max**	rewind speed **min - max**	wetted area **m2**	machine weight **kg.**	package	gross weight **kg.**	dimensions **cm.**
1,5 - 6 bar	10 - 200 m/h	5000 mq	220	B	260	145x105x150

(* **A** box - **B** box on pallet - **C** pallets and nylon)

GREENCARE

code
LE40120SP



STANDARD EQUIPMENT

Leader 40 m. 120 Solis et Pluvia min 10 max 200 m/h 24V
(Ø 40 mm PE hose - 120 m lenght)
with:
- electronic control panel
- 24V electric engine
- solar panel
- sprinkler trolley on wheels
- sectorial sprinkler with nozzles 8, 9, 10, 12 mm
- adjustable flow rate and adjustable irrigation speed
- hoseguide
- automatic rolling stop in case of pipe rolling out of drum
- automatic rolling stop at end irrigation
- water passage stopping valve at end irrigation (overpressure)
- automatic sprinkler trolley lifting
- brake for unrolling

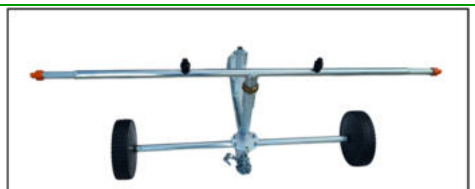
battery excluded

code	accessories on request
LE0010	3 m flexible connection pipe with joints
LE0057	low sprinkler trolley for under trees (on alternative to standard)
LE0011	boom 120 cm - 4 nozzles - sprinkling width 8/10 m
LE0038	boom 8 m in 3 pieces - 6 nozzles - sprinkling width 12/14 m
LE0045	filter 1"1/2 with outlet valve
LE0045C	filter 1"1/2 with outlet valve and quick couplings
LE0060	24V 20ah battery
LE0002	pallet cm. 145x105
LE0006	box with pallet cm. 145x105x150 H

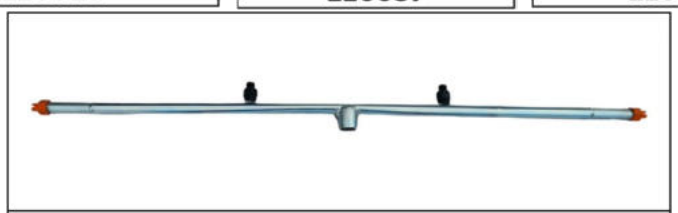

LE0045


LE0010


LE0057


LE0057 + LE011L40


LE0045C


LE0011L40


LE0038

nozzle diameter	sprinkler pressure	flow		max. wetted width	useful wet width	sprinkling density in mm		
mm.	bar	l/min	m3/h	m	85%	10m/h	100m/h	150m/h
Leader Solis et Pluvia 40/120 m								
8	1,5	49	2,9	31	26	9,5	1,0	0,6
	2,0	57	3,4	34	29	10	1,0	0,7
	3,0	69	4,1	38	32	11	1,1	0,7
9	1,5	62	3,7	33	28	11,3	1,1	0,8
	2,0	71	4,2	35	30	12,2	1,2	0,8
	3,0	87	5,2	39	33	13,4	1,3	0,9
10	1,5	76	4,5	34	29	13,4	1,3	0,9
	2,0	88	5,3	36	31	14,7	1,5	1,0
	3,0	107	6,4	41	35	15,7	1,6	1,0
12	1,5	110	6,6	34	29	19,4	1,9	1,3
	2,0	127	7,6	38	32	20	2,0	1,3
	3,0	155	9,3	42	36	22,1	2,2	1,5

solar-powered reel irrigator

GREENCARE



Leader 50 Solis et Pluvia Ø 50 mm x 180 m

Laeader Solis et Pluvia – Smart Solar-Powered Irrigation
Solar-powered electrical system with 180 meters of 50 mm hose, 24V electric motor, and a programmable control unit with remote control for precise and efficient irrigation.
Solis et Pluvia represents the evolution of sustainable irrigation: an advanced system powered by solar energy and a low-consumption electric motor, ensuring efficiency, precision, and optimized water management.

Key benefits:
Solar-powered, independent from the electrical grid
24V electric motor for efficient and silent operation
Programmable control unit with remote access for smart, intuitive management
Uniform and controlled water distribution to prevent waste
Irrigation speed up to 200 m/h
Fast and repeatable irrigation cycles to maintain ideal soil moisture throughout all growth stages
Reduced soil compaction and runoff, preserving crop quality
Low energy consumption for sustainable, low-impact irrigation

inlet pressure **min - max**	rewind speed **min - max**	wetted area **m2**	machine weight **kg.**	package	gross weight **kg.**	dimensions **cm.**
1,5 - 8 bar	10 - 200 m/h	8400 mq	430	C	490	230x135x200

(* **A** box - **B** box on pallet - **C** pallets and nylon)

GREENCARE

code
LE50180SP



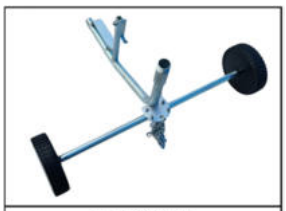
STANDARD EQUIPMENT

Leader 50 m. 180 Solis et Pluvia min 10 max 200 m/h 24V
(Ø 50 mm PE hose - 180 m lenght)
with:
- electronic control panel
- 24V electric engine
- solar panel
- sprinkler trolley on wheels
- sectorial sprinkler with nozzles 9+4, 10+4, 12+4, 14+4 mm
- adjustable flow rate and adjustable irrigation speed
- hoseguide
- automatic rolling stop in case of pipe rolling out of drum
- automatic rolling stop at end irrigation
- water passage stopping valve at end irrigation (overpressure)
- brake for unrolling

battery excluded

code	accessories on request
LE0012	3 m flexible connection pipe with joints
LE0051	extension 1 m for sprinkler trolley
LE0052	sprinkler trolley ballasts
LE0058	low sprinkler trolley for under trees (on alternative to standard)
LE0059	pair of wheels in solid rubber on alternative to standard (increase)
LE0046	filter 2" with outlet valve
LE0035	boom 12 m in 5 pieces - 14 nozzles - sprinkling width 16 m
LE0017	boom 16 m in 7 pieces - 18 nozzles - sprinkling width 20 m
LE0037	filter for booms LE0017 - LE0035 with joints (to place before flexible connection pipe code LE0012)
LE0061	24V 35ah battery
LE0050	nylon packaging on pallet cm. 230x135x200 H


LE0012


LE0058


LE0051


LE0046

nozzle diameter	sprinkler pressure	flow		max. wetted width	useful wet width	sprinkling density in mm		
mm.	bar	l/min	m3/h	m	85%	10m/h	100m/h	150m/h
Leader Solis et Pluvia 50/180 m								
9+4	1,5	76	4,5	34	29	13,4	1,3	0,9
	2,0	88	5,3	36	31	14,7	1,5	1,0
	3,0	107	6,4	40	34	16,1	1,6	1,1
10+4	2,0	106	6,4	38	32	16,7	1,7	1,1
	3,0	130	7,8	42	36	18,6	1,9	1,2
	4,0	151	9	45	38	20,1	2,0	1,3
12+4	2,0	149	8,9	42	36	21,3	2,1	1,4
	3,0	182	10,9	47	40	23,2	2,3	1,5
	4,0	211	12,6	52	44	24,3	2,4	1,6
14+4	2,0	197	11,8	45	38	26,3	2,6	1,8
	3,0	241	14,4	48	41	30,1	3,0	2,0
	4,0	278	16,7	54	46	30,9	3,1	2,1

electric-powered reel irrigator

GREENCARE



Leader 40 Electric Ø 40 mm x 120 m

Leader 40 Electric – Efficient and Sustainable Irrigation
Electric-powered system (220V) with 120 meters of 40 mm hose, ensuring maximum precision and uniform water distribution.
Designed for professional and intensive use, it delivers consistent, optimized irrigation while reducing energy consumption and environmental impact.

Key benefits:
220V electric power supply for stable and reliable performance
Uniform and controlled water distribution for consistent irrigation
Irrigation speed up to 400 m/h for fast and efficient watering cycles
Maximum irrigation efficiency to maintain ideal moisture and enhance crop yield
Optimized use of water resources, even with limited availability
Reduced runoff and percolation, preserving soil fertility
Proven technology for long operational life and low maintenance costs

inlet pressure **min - max**	rewind speed **min - max**	wetted area **m2**	machine weight **kg.**	package	gross weight **kg.**	dimensions **cm.**
1,5 - 6 bar	25 - 400 m/h	5000 mq	220	B	260	145x105x150

(* **A** box - **B** box on pallet - **C** pallets and nylon)

GREENCARE

code	STANDARD EQUIPMENT
LE40120E1	**Leader 40 m. 120 Electric** min 25 max 90 m/h 220v 0,55 kW
LE40120E2	**Leader 40 m. 120 Electric** min 40 max 120 m/h 220v 0,55 kW
LE40120E3	**Leader 40 m. 120 Electric** min 120 max 400 m/h 220v 0,55 kW

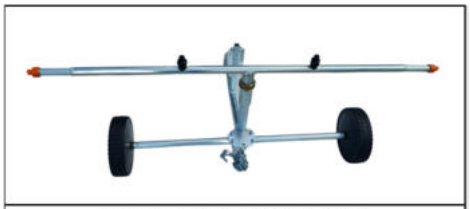
(Ø 40 mm PE hose - 120 m lenght)
with:
- 220v electric engine
- sprinkler trolley on wheels
- sectorial sprinkler with nozzles 8, 9, 10, 12 mm
- adjustable flow rate and adjustable irrigation speed
- hoseguide
- automatic rolling stop in case of pipe rolling out of drum
- automatic rolling stop at end irrigation
- water passage stopping valve at end irrigation (overpressure)
- automatic sprinkler trolley lifting

code	accessories on request
LE0056	pressure gauge at the entry
LE0010	3 m flexible connection pipe with joints
LE0025	stopping device without water stop (on alternative to standard)
LE0057	low sprinkler trolley on wheels for under trees (on alternative to standard trolley)
LE0011	boom 120 cm - 4 nozzles - sprinkling width 8/10 m
LE0038	boom 8 m in 3 pieces - 6 nozzles - sprinkling width 12/14 m
LE0045	filter 1"1/2 with outlet valve
LE0045C	filter 1"1/2 with outlet valve and quick couplings
LE0002	pallet cm. 145x105
LE0006	box with pallet cm. 145x105x140H


LE0045

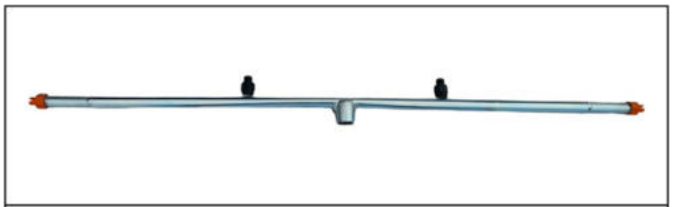

LE0056

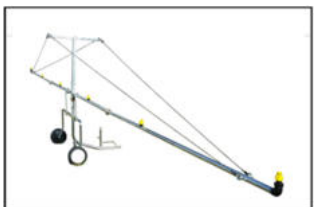

LE0010


LE0057 + LE011L40


LE0045C


LE0057


LE0011L40


LE0038

						E1			E2			E3		
nozzle diameter	sprinkler pressure	flow		max. wetted width	useful wet width	sprinkling density in mm			sprinkling density in mm			sprinkling density in mm		
mm.	bar	l/min	m3/h	m	85%	25m/h	60m/h	90m/h	40m/h	80m/h	120m/h	120m/h	260m/h	400m/h
Leader Electric 40/120 m														
8	2,0	57	3,4	34	29	4,0	1,7	1,1	2,5	1,3	0,8	0,8	0,4	0,3
	3,0	69	4,1	38	32	4,4	1,8	1,2	2,7	1,4	0,9	0,9	0,4	0,3
	4,0	80	4,8	41	35	4,7	2,0	1,3	2,9	1,5	1,0	1,0	0,5	0,3
9	2,0	71	4,2	35	30	4,9	2,0	1,4	3,1	1,5	1,0	1,0	0,5	0,3
	3,0	87	5,2	39	33	5,4	2,2	1,5	3,4	1,7	1,1	1,1	0,5	0,3
	4,0	100	6	42	36	5,7	2,4	1,6	3,6	1,8	1,2	1,2	0,6	0,4
10	2,0	88	5,3	30	25,5	7,0	2,9	2,0	4,4	2,2	1,5	1,5	0,7	0,4
	3,0	107	6,4	35	30	7,3	3,1	2,0	4,6	2,3	1,5	1,5	0,7	0,5
	4,0	124	7,4	38	32	7,8	3,3	2,2	4,9	2,5	1,6	1,6	0,8	0,5
12	2,0	127	7,6	38	32	8,0	3,4	2,2	5,0	2,5	1,7	1,7	0,8	0,5
	3,0	155	9,3	42	36	8,8	3,7	2,5	5,5	2,8	1,8	1,8	0,9	0,6
	4,0	179	10,7	47	40	9,2	3,8	2,5	5,7	2,9	1,9	1,9	0,9	0,6

electric-powered reel irrigator

GREENCARE



Leader 50 Electric Ø 50 mm x 180 m

Leader 50 Electric – Efficient and Sustainable Irrigation
Electric-powered system (220V) with 180 meters of 50 mm hose, ensuring maximum precision and uniform water distribution.
Designed for professional and intensive use, it delivers consistent, optimized irrigation while reducing energy consumption and environmental impact.

Key benefits:
220V electric power supply for stable and reliable performance
Uniform and controlled water distribution for consistent irrigation
Irrigation speed up to 400 m/h for fast and efficient watering cycles
Maximum irrigation efficiency to maintain ideal moisture and enhance crop yield
Optimized use of water resources, even with limited availability
Reduced runoff and percolation, preserving soil fertility
Proven technology for long operational life and low maintenance costs

inlet pressure **min - max**	rewind speed **min - max**	wetted area **m2**	machine weight **kg.**	package	gross weight **kg.**	dimensions **cm.**
1,5 - 8 bar	25 - 400 m/h	8400 mq	430	C	490	230x135x175

(* **A** box - **B** box on pallet - **C** pallets and nylon)

GREENCARE

code	STANDARD EQUIPMENT
LE50180E1	**Leader 50 m. 180 Electric min 25 max 90 m/h 220v 0,75 kW**
LE50180E2	**Leader 50 m. 180 Electric min 40 max 120 m/h 220v 0,75 kW**
LE50180E3	**Leader 50 m. 180 Electric min 120 max 400 m/h 220v 0,75 kW**

(Ø 50 mm PE hose - 180 m lenght)
with:

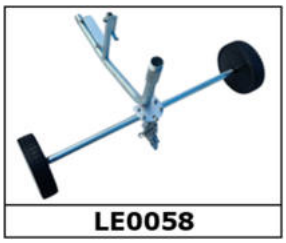


- 220v electric engine
- sprinkler trolley on wheels
- sectorial sprinkler with nozzles 9+4, 10+4, 12+4, 14+4 mm
- adjustable flow rate and adjustable irrigation speed
- hoseguide
- automatic rolling stop in case of pipe rolling out of drum
- automatic rolling stop at end irrigation
- water passage stopping valve at end irrigation (overpressure)
- automatic sprinkler trolley lifting
- brake for unrolling

code	accessories on request
LE0056	pressure gauge at the entry
LE0012	3 m flexible connection pipe with joints
LE0025	stopping device without water stop (on alternative to standard)
LE0051	extension 1 m for sprinkler trolley
LE0052	sprinkler trolley ballasts
LE0058	low sprinkler trolley for under trees (on alternative to standard)
LE0059	pair of wheels in solid rubber on alternative to standard (increase)
LE0046	filter 2" with outlet valve
LE0035	boom 12 m in 5 pieces - 14 nozzles - sprinkling width 16 m
LE0017	boom 16 m in 7 pieces - 18 nozzles - sprinkling width 20 m
LE0037	filter for booms LE0017 - LE0035 with joints (to place before flexible connection pipe code LE0012)
LE0050	nylon packaging on pallet cm. 230x135x200 H


LE0056


LE0012


LE0058


LE0046


LE0051

						E1			E2			E3		
nozzle diameter	sprinkler pressure	flow		max. wetted width	useful wet width	sprinkling density in mm			sprinkling density in mm			sprinkling density in mm		
mm.	bar	l/min	m3/h	m	85%	25m/h	60m/h	90m/h	40m/h	80m/h	120m/h	120m/h	260m/h	400m/h
Leader Electric 50/180 m														
9+4	2,0	88	5,3	36	31	5,9	2,5	1,6	3,7	1,8	1,2	1,2	0,6	0,4
	3,0	107	6,4	40	34	6,4	2,7	1,8	4,0	2,0	1,3	1,3	0,6	0,4
	4,0	124	7,4	43	37	6,9	2,9	1,9	4,3	2,2	1,4	1,4	0,7	0,4
10+4	2,0	107	6,4	38	32	6,8	2,8	1,9	4,2	2,1	1,4	1,4	0,7	0,4
	3,0	130	7,8	42	36	7,4	3,1	2,1	4,7	2,3	1,6	1,6	0,7	0,5
	4,0	151	9	45	38	8,0	3,4	2,2	5,0	2,5	1,7	1,7	0,8	0,5
12+4	2,0	149	8,9	42	36	8,5	3,6	2,4	5,3	2,7	1,8	1,8	0,8	0,5
	3,0	182	10,9	47	40	9,3	3,9	2,6	5,8	2,9	1,9	1,9	0,9	0,6
	4,0	211	12,6	52	44	9,7	4,1	2,7	6,1	3,0	2,0	2,0	0,9	0,6
14+4	2,0	197	11,8	45	38	10,5	4,4	2,9	6,6	3,3	2,2	2,2	1,0	0,7
	3,0	241	14,4	48	41	12,0	5,0	3,3	7,5	3,8	2,5	2,5	1,2	0,8
	4,0	278	16,7	54	46	12,4	5,2	3,4	7,7	3,9	2,6	2,6	1,2	0,8

Irrigation booms





code	LE0027	LE0028
description	irrigation boom for Leader 25/50	irrigation boom for Leader 32/70
irrigation width	6/8 meters	8 meters
nozzle number	3	4
total flow rate	1 bar / 2 bar / 3 bar	1 bar / 2 bar / 3 bar
l/min	27 / 39 / 46,2	44 / 61,6 / 76
transport details	20 x 10 x 75 cm - 3 kg weight	20 x 10 x 75 cm - 3 kg weight



code	LE0011 / L32	LE0011 / L40
description	irrigation boom for Leader 32/120	irrigation boom for Leader 40/120
irrigation width	8/10 meters	10 meters
nozzle number	4	2+2
nozzle flow rate	rosso	nero / arancio
l/min	13,4	19 / 25
l/min	18,6	27 / 33,5
l/min	22,6	32 / 40
total flow rate		
l/min	53,6	88
l/min	74,4	121
l/min	90,4	144
transport details	20 x 10 x 125 cm - 5 kg weight	20 x 10 x 125 cm - 5 kg weight



code	LE0038 yellow			LE0038 red		
description	8 meter irrigation boom			8 meter irrigation boom		
irrigation width	12/14 meter			12/14 meter		
nozzle number	6			6		
total flow rate	1 bar	2 bar	3 bar	1 bar	2 bar	3 bar
l/min	66	92	114	80	111	135
m/h	4	5,5	6,8	4,8	6,7	8,1
transport details	60 x 15 x 320 cm - 15 kg weight			60 x 15 x 320 cm - 15 kg weight		



code		LE0035				LE0017			
description		12 meter long irrigation boom				16 meter long irrigation boom			
irrigation width		16/18 meter				20/22 meter			
nozzle number		12 + 2				16 + 2			
nozzle flow rate		green	yellow	red	orange	green	yellow	red	orange
									
l/min	1 bar	9	11	13,4	25	9	11	13,4	25
l/min	2 bar	13	15,4	18,6	33,5	13	15,4	18,6	33,5
l/min	3 bar	15,4	19	22,6	40	15,4	19	22,6	40
total flow rate									
l/min	1 bar	158	182	210,8		194	226	264,4	
l/min	2 bar	223	251,8	290,2		275	313,4	364,6	
l/min	3 bar	264,8	308	351,2		326,4	384	441,6	
m3/h	1 bar	9,5	10,9	12,6		11,6	13,6	15,8	
m3/h	2 bar	13,4	15,1	17,4		16,5	18,8	21,9	
m3/h	3 bar	15,9	18,5	21		19,6	23	26,5	
transport details		20 x 20 x 300 cm + 120 x 80 x 50 cm 42 kg weight				30 x 30 x 300 cm + 120 x 80 x 50 cm 47 kg weight			

code	STANDARD EQUIPMENT (trolley not included)
LE0027	boom 0,70 m - 3 nozzles - sprinkling width 6/8 m for **L 25 50**
LE0028	boom 0,70 m - 4 nozzles - sprinkling width 8 m for **L 32 70**
	for **L 32 120 - L 40 120**
LE0011	boom 1,25 m - 4 nozzles - sprinkling width 8/10 m
LE0038	boom 8 m in 3 pieces - 6 nozzles - sprinkling width 12/14 m
	per **L 50 150 - L50 180 - L63 110**
LE0035	boom 12 m in 5 pieces - 14 nozzles - sprinkling width 16 m
LE0017	boom 16 m in 7 pieces - 18 nozzles - sprinkling width 20 m
LE0037	filter for booms LE0017 - LE0035 with joints

All data, indications and illustrations are informative only. They are subject to change at any time without previous notice and without incurring obligation. General conditions of sale are listed on the site: www.ormasrl.it

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