



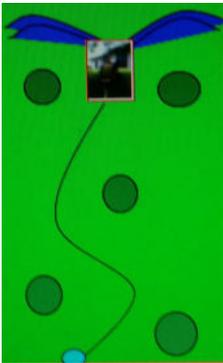
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turbine-powered reel irrigator

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

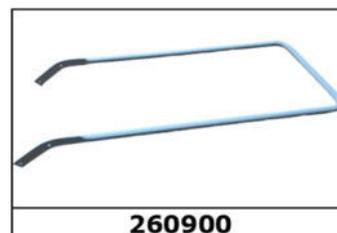
inlet pressure min - max	rewind speed min - max	wetted area m2	machine weight kg.	package *	gross weight kg.	dimensions  cm.	 9 units
2,5 - 4 bar	8 - 20 m/h	500 / 1100 mq	28	A	28	44x80x48	

(* 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: <ul style="list-style-type: none">- 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)

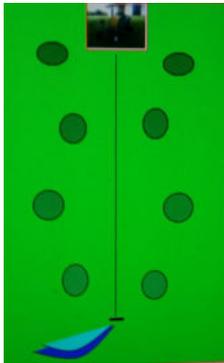
code	accessories on request
260200	sectorial sprinkler with 4 mm nozzle
260900	handle for Passeggiando transport
LE0000	pallet cm. 80 x 60 for 1 unit
LE0001	pallet cm. 120 x 80 for 9 unit





turbine-powered reel irrigator

GREENCARE



		Ø 20m Ø 66ft	10/15 Lt/min 3,5 GPM
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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.	 9 units
2,5 - 4 bar	8 - 20 m/h	1300 mq	35	A	35	44x80x48	

(* 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: <ul style="list-style-type: none">- 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





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 m ²	65	B	75	60x80x90	4 units

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



code
LE25050N

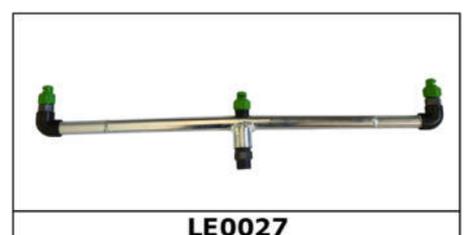
STANDARD EQUIPMENT



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



nozzle diameter mm.	inlet pressure bar	flow		max. wetted width m	useful wet width 85%	rainfall intensity in mm			
		l/min	m ³ /h			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 units
2,5 - 5,5 bar	8 - 40 m/h	3000 mq	110	B	124	90x90x110	

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



turbine-powered reel irrigator

GREENCARE



Leader 32 turbine \varnothing 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 m ²	195	B	231	145x105x150

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



code
LE32120A

STANDARD EQUIPMENT

Leader 32 m. 120 turbine

(Ø 32 mm PE hose - 120 m length)

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



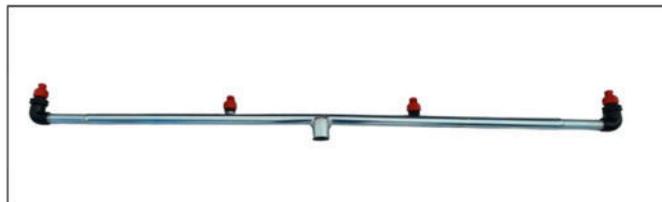
LE0057 + LE011L32



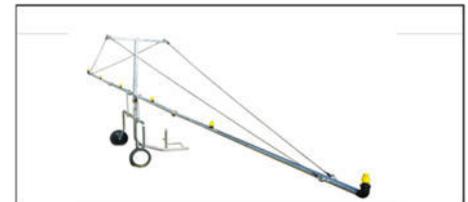
LE0045C



LE0057



LE0011L32



LE0038

nozzle diameter mm.	inlet pressure bar	flow		max. wetted width m	useful wet width 85%	rainfall intensity in mm				
		l/min	m3/h			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	



turbine-powered reel irrigator

GREENCARE



Leader 40 turbine \varnothing 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 m ²	210	B	246	145x105x150

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



code
LE40120A

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



nozzle diameter mm.	inlet pressure bar	flow		max. wetted width m	useful wet width 85%	rainfall intensity in mm				
		l/min	m3/h			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 \varnothing 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 m ²	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)



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



nozzle diameter mm.	inlet pressure bar	flow		max. wetted width m	useful wet width 85%	rainfall intensity in mm			
		l/min	m3/h			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 \varnothing 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)



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



nozzle diameter mm.	inlet pressure bar	flow		max. wetted width m	useful wet width 85%	rainfall intensity in mm			
		l/min	m3/h			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



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)



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



nozzle diameter mm.	sprinkler pressure bar	flow		max. wetted width m	useful wet width 85%	E1			E2			E3		
		l/min	m3/h			sprinkling density in mm			sprinkling density in mm			sprinkling density in mm		
						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



Leader 40 Solis et Pluvia Ø 40 mm x 120 m

Leader 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)



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



nozzle diameter mm.	sprinkler pressure bar	flow		max. wetted width m	useful wet width 85%	sprinkling density in mm		
		l/min	m3/h			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



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)



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



nozzle diameter mm.	sprinkler pressure bar	flow		max. wetted width m	useful wet width 85%	E1			E2			E3			
		l/min	m3/h			sprinkling density in mm			sprinkling density in mm			sprinkling density in mm			
						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)



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: <ul style="list-style-type: none"> - 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



nozzle diameter mm.	sprinkler pressure bar	flow		max. wetted width m	useful wet width 85%	E1			E2			E3			
		l/min	m3/h			sprinkling density in mm			sprinkling density in mm			sprinkling density in mm			
						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														
l/min	<table border="1"> <tr> <td>1 bar</td> <td>2 bar</td> <td>3 bar</td> </tr> <tr> <td>27</td> <td>39</td> <td>46,2</td> </tr> </table>	1 bar	2 bar	3 bar	27	39	46,2	<table border="1"> <tr> <td>1 bar</td> <td>2 bar</td> <td>3 bar</td> </tr> <tr> <td>44</td> <td>61,6</td> <td>76</td> </tr> </table>	1 bar	2 bar	3 bar	44	61,6	76
1 bar	2 bar	3 bar												
27	39	46,2												
1 bar	2 bar	3 bar												
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	<table border="1"> <tr> <td>ROSSO</td> </tr> <tr> <td></td> </tr> <tr> <td>13,4</td> </tr> <tr> <td>18,6</td> </tr> <tr> <td>22,6</td> </tr> </table>	ROSSO		13,4	18,6	22,6	<table border="1"> <tr> <td>nero</td> <td>arancio</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>19</td> <td>25</td> </tr> <tr> <td>27</td> <td>33,5</td> </tr> <tr> <td>32</td> <td>40</td> </tr> </table>	nero	arancio			19	25	27	33,5	32	40
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32	40																
l/min	53,6	88															
l/min	74,4	121															
l/min	90,4	144															
total flow rate																	
l/min																	
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l/min																	
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	<table border="1"> <thead> <tr> <th></th> <th>1 bar</th> <th>2 bar</th> <th>3 bar</th> </tr> </thead> <tbody> <tr> <td>l/min</td> <td>66</td> <td>92</td> <td>114</td> </tr> <tr> <td>m/h</td> <td>4</td> <td>5,5</td> <td>6,8</td> </tr> </tbody> </table>		1 bar	2 bar	3 bar	l/min	66	92	114	m/h	4	5,5	6,8	<table border="1"> <thead> <tr> <th></th> <th>1 bar</th> <th>2 bar</th> <th>3 bar</th> </tr> </thead> <tbody> <tr> <td>l/min</td> <td>80</td> <td>111</td> <td>135</td> </tr> <tr> <td>m/h</td> <td>4,8</td> <td>6,7</td> <td>8,1</td> </tr> </tbody> </table>		1 bar	2 bar	3 bar	l/min	80	111	135	m/h	4,8	6,7	8,1
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	1 bar	2 bar	3 bar																							
l/min	80	111	135																							
m/h	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	<table border="1"> <thead> <tr> <th></th> <th>green</th> <th>yellow</th> <th>red</th> <th>orange</th> </tr> </thead> <tbody> <tr> <td>l/min 1 bar</td> <td>9</td> <td>11</td> <td>13,4</td> <td>25</td> </tr> <tr> <td>l/min 2 bar</td> <td>13</td> <td>15,4</td> <td>18,6</td> <td>33,5</td> </tr> <tr> <td>l/min 3 bar</td> <td>15,4</td> <td>19</td> <td>22,6</td> <td>40</td> </tr> </tbody> </table>		green	yellow	red	orange	l/min 1 bar	9	11	13,4	25	l/min 2 bar	13	15,4	18,6	33,5	l/min 3 bar	15,4	19	22,6	40	<table border="1"> <thead> <tr> <th></th> <th>green</th> <th>yellow</th> <th>red</th> <th>orange</th> </tr> </thead> <tbody> <tr> <td>l/min 1 bar</td> <td>9</td> <td>11</td> <td>13,4</td> <td>25</td> </tr> <tr> <td>l/min 2 bar</td> <td>13</td> <td>15,4</td> <td>18,6</td> <td>33,5</td> </tr> <tr> <td>l/min 3 bar</td> <td>15,4</td> <td>19</td> <td>22,6</td> <td>40</td> </tr> </tbody> </table>		green	yellow	red	orange	l/min 1 bar	9	11	13,4	25	l/min 2 bar	13	15,4	18,6	33,5	l/min 3 bar	15,4	19	22,6	40																														
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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



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