



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)



code

LE40120SP

GREENCARE

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:

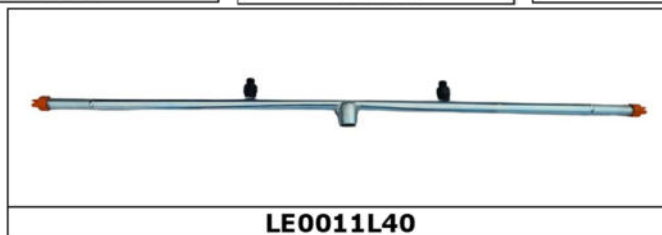
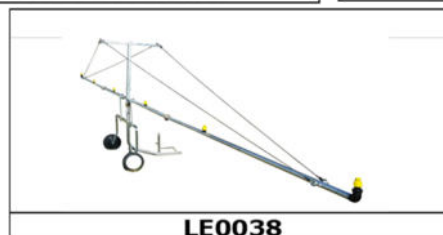
- electronic control panel
- 24V electric engine
- solar panel
- sprinkler trolley on wheels
- sectorial sprinkler with nozzles 8, 9, 10, 12 mm
- adjustable flow rate and adjustable irrigation speed
- hoseguide
- automatic rolling stop in case of pipe rolling out of drum
- automatic rolling stop at end 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