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)

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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

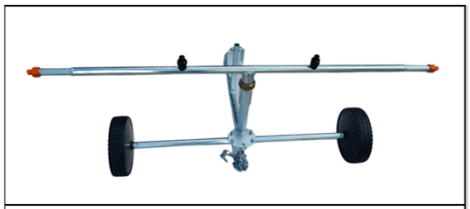
(Ø 40 mm PE hose - 120 m lenght)
with:
- 220v electric engine
- sprinkler trolley on wheels
- sectorial sprinkler with nozzles 8, 9, 10, 12 mm
- adjustable flow rate and adjustable irrigation speed
- hoseguide
- automatic rolling stop in case of pipe rolling out of drum
- automatic rolling stop at end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

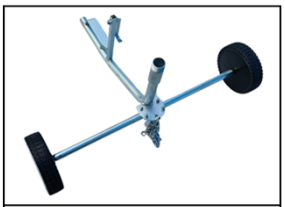

LE0045

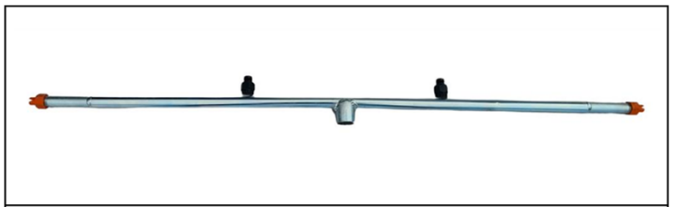

LE0056

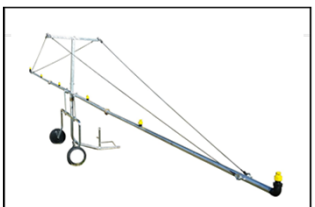

LE0010


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