



turbine-powered reel irrigator

GREENCARE



Leader 40 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)



code

LE40120A

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STANDARD EQUIPMENT

Leader 40 m. 120 turbine

(Ø 40 mm PE hose - 120 m lenght)

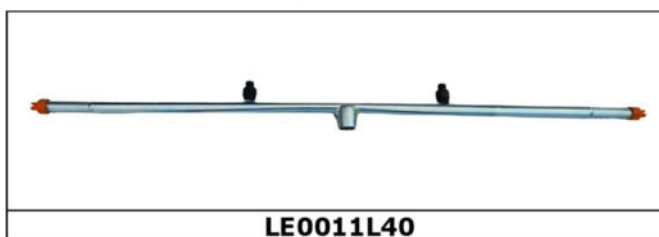
with:

- 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