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