turbine-powered reel irrigator

GREENCARE



Leader 32 turbine Ø 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 mq	195	B	231	145x105x150

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

GREENCARE

code
LE32120A



STANDARD EQUIPMENT

Leader 32 m. 120 turbine
(Ø 32 mm PE hose - 120 m lenght)
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

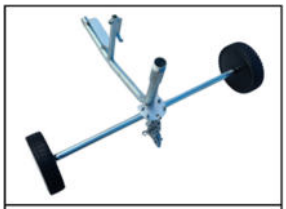

LE0045

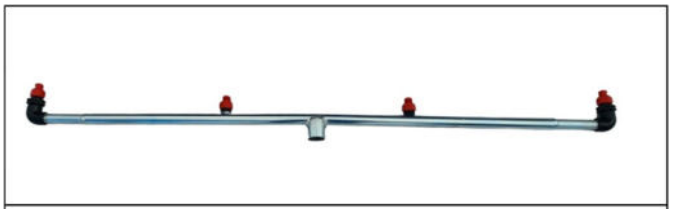

LE0056


LE0010


LE0057 + LE011L32


LE0045C


LE0057


LE0011L32


LE0038

nozzle diameter	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 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