



Compact, easy to use small hard hose irrigator



FEATURES:

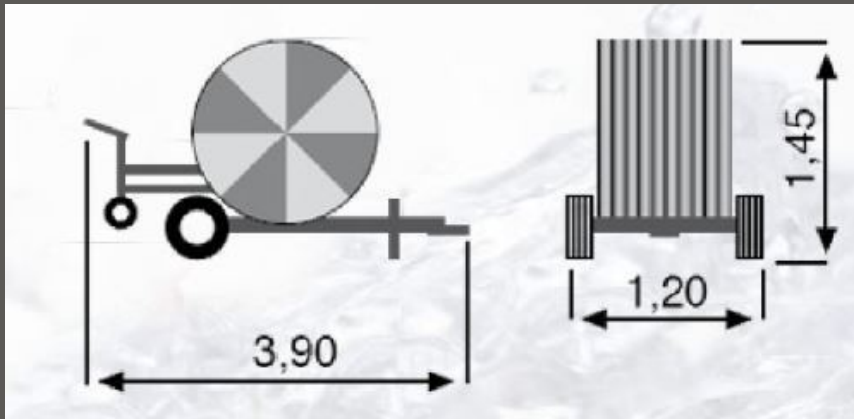
- Heavy duty design
- Sprinkler trolley with quick unhooking mechanism
- Travel shut-off mechanism
- Highly efficient turbine and gear-box
- Minimum pressure required 3.5 Bar, maximum 8 Bar.
- Sensitive speed control between 10 to 40 m/h
- Coaxial reducer to rewind the hose with hydraulic turbine.
- Trolley with 2 rubber wheels
- Compact dimensions, optimum weight balancing on wheels
- Adjustable sector irrigator with nozzles of different diameters
- Automatic stop at the end of the work
- Excellent Water Uniformity
- Long Life & Simple Maintenance.
- Easy and safe operation
- Very low labour requirement man and consists mostly of driving a 4-wheeled bike.
- Made in Italy

- Hose Length: 160 m
- Hose Diameter: 50 mm
- Hose Thickness: 4.3 mm
- Working Pressure: 45 - 90 psi
- Water Flow: 90 - 280 l/min
- Effective Spray Width (Diameter): 36 - 50 m
- Total Irrigated Area: 195 X 350 m = 68,250 m² (6.8 Hectare) in 7 days
- Sprinkler: DuCaR Atom 28
- Weight: 285 kg
- Mechanism: Gear Box directly integrated to turbine
- Rewind Speed: 10 - 40 m/h

APPLICATIONS:

- Agriculture: Small crops and hobby farms
- Turf Irrigation: Golf, race courses, playing fields and gardens
- Dust Control: Mining and construction sites

CASELLA GARDEN 50/160



Technical Specifications of DuCaR Atom 28 Sprinkler Head

Nozzle Diameter		Pressure		Jet Length		Capacity			Values for a single sprinkler		
									Irrigated Area		Rainfall per hour
mm	inch	atm	psi	m	feet	l/min	m ³ /h	G.P.M	m ²	acre	mm/h
10	.39	2	29	19	62	86,7	6,5	23	1134	0,28	4,6
10	.39	3	44	21	69	107	7,8	28	1385	0,34	4,6
10	.39	4	56	23	75	123	9,1	33	1661	0,41	4,5
10	.39	5	70	23,5	77	236	10,5	46	1734	0,43	5,2
12	.47	2	29	21,0	69	152	9,0	41	1385	0,34	6,7
12	.47	3	44	23,0	75	182	11,2	49	1661	0,41	6,7
12	.47	4	56	25,5	84	211	13,0	57	2042	0,50	6,4
12	.47	5	70	26,5	87	236	14,2	63	2205	0,54	5,2
14	.55	2	29	22,0	72	195	12,0	53	1520	0,38	8,4
14	.55	3	44	23,5	77	239	14,1	64	1734	0,43	8,4
14	.55	4	56	27,0	89	277	16,5	74	2289	0,57	7,4
14	.55	5	70	28,0	92	309	18,8	83	2462	0,61	7,7

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