



IRRICRUISER COMFORT



FEATURES:

- Heavy duty design
- Hot dip galvanised hose reel and chassis
- Patented speed adjustment and By-pass mechanism
- Travel shut-off mechanism
- High efficient turbine
- Single speed gear box and sensitive speed control
- Manual brake system
- PTO driven integrated hose reel
- PTO driven purge pump
- Portable, easy and safe operation
- Excellent Water Uniformity
- Long Life & Simple Maintenance
- Very low labour requirement
- Sensitive wheel system
- NO EXHAUSET WATER - NO PISTON - NO TOO MANY MOVING PARTS
- Cable length: 400 m
- Lay Flat Hose : 2.5" or 3" 200m Premium Drag Hose
- Designed in Australia, made in Turkey



Working Pressure: 50 - 85 psi
 Water Flow: 400 - 900 l/min
 Effective Spray Width: 60 - 90 m

APPLICATIONS:

- Agriculture: Small crops, pastures, and dairy farms
- Turf Irrigation: Golf, race/horse courses, playing/sports fields and gardens
- Dust Control: Mining and construction sites



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Your online irrigation equipment solution partner



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New Generation DuCaR IrriCruiser Aluminium Turbine System

- The turbine provides the high torque to pull the DuCaR IrriCruiser & Hose along the cable in tough conditions.
- DuCaR IrriCruiser develops the power as a result of water flow, not pressure. Therefore it can be operated at low pressures.
- Our PATENTED by-pass line system allows you to adjust the water flow rate in the turbine. Therefore, you can simply adjust the speed and run the machine only required amount of water flow rate.
- The volume of water entering the turbine is controlled by a diverter valve, which enables you to adjust infinite range of travel speeds to suit differing crop water requirements and run the machine very efficiently.
- The travelling speed is read on accurate tachometer.
- No filters required for the turbine drive.
- No exhaust water from the turbine drive, all water is distributed through the sprinkler.

Nozzle Size Dimensión de la Boquilla	Sprinkler Pressure Presión en el Aspersor		Sprinkler Throw Range Rango de Alcance del Aspersor (m)	% 85 of Throw Diameter of Sprinkler 85% del Diámetro de Alcance del Aspersor (m)	Capacity		Irrigated Area Área Irrigada	Turbine Pressure Loss (Bar) Pérdida de Presión en la Plataforma 1.3			Turbine Pressure Loss (Bar) Pérdida de Presión en la Plataforma 1			Turbine Pressure Loss (Bar) Pérdida de Presión en la Plataforma 0.8			Turbine Pressure Loss (Bar) Pérdida de Presión en la Plataforma 0.8																					
					Flow Rate Litros / Min.	Flow Rate m ³ / Hour		10		20		25		30																								
								mm rainfall	mm Caída de Agua	mm rainfall	mm Caída de Agua	mm rainfall	mm Caída de Agua	mm rainfall	mm Caída de Agua																							
18mm	3	44	32	54	390	23.4	22922	35	4.6	67	17	4.4	64	14	4.2	61	12	4.1	59																			
																				4	58	35	60	445	26.7	25190	35	5.9	86	18	5.7	83	14	5.5	80	12	5.4	78
20mm	3	44	35	60	463	27.8	25190	44	4.8	70	22	4.5	65	18	4.3	62	15	4.3	62																			
																				4	58	38	65	548	32.9	27478	48	6.1	88	24	5.8	84	19	5.6	81	16	5.6	81
22mm	3	44	36	61	567	34	25950	52	8.6	125	26	8.3	120	21	8.1	117	17	8.1	117																			
																				4	58	41	70	680	40.8	29787	55	6.5	94	27	6.2	90	22	6.0	87	18	6.0	87
24mm	3	44	38	65	683	41	27478	60	5.5	80	30	5.2	75	24	5.0	73	20	5.0	73																			
																				4	58	43	73	800	48	31337	61	6.9	100	31	6.6	96	25	6.4	93	20	6.4	93
26mm	4	58	48	82	850	51	35253	58	7.0	102	29	6.7	97	23	6.5	94	19	6.5	94																			
																				5	73	50	85	950	57	36836	62	8.4	122	31	8.1	117	25	7.9	115	21	7.9	115
28mm	5	73	53	90	1100	66	39226	67	9.1	132	34	8.8	128	27	8.6	125	22	8.6	125																			

* NOTE : The table above was prepared with mathematical formulas and data under average working conditions. It is targeted to give general information to the user. Real data can be changed during using conditions. DuCaR Sprinklers does not accept any responsibility according to usage of this Table.

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