



# IRRICRUISER MICO



## FEATURES:

- Hot dip galvanised hose reel and chassis
- Patented speed adjustment and Bypass mechanism
- Travel shut-off mechanism
- High efficient turbine
- Single speed gear box
- Sensitive speed control
- Manual brake system
- PTO driven integrated hose reel
- Wide tires make the the machine perfect for turf irrigation
- Portable
- Excellent Water Uniformity
- Long Life & Simple Maintenance
- Easy and safe operation
- Very low labour requirement
- Sensitive wheel system
- NO EXHAUSET WATER - NO PISTON - NO TOO MANY MOVING PARTS
- Cable length: 300 m
- Lay Flat Hose : 2.5" 150m Premium Drag Hose
- Designed in Australia, made in Turkey



Run length: 300m

Working Pressure: 40 - 90 psi

Water Flow: 300 - 750 l/min

Effective Spray Width: 50 - 90 m

Sprinkler : DuCaR Jet 55

## 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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## 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 clearly read on the tachometer.
- No filters required for the turbine.
- No exhaust water from the turbine drive, all water is distributed through the sprinkler.

Nozzle Size Dimensión de la Boquilla	Sprinkler Pressure ( Bar ) Presión en el Aspesor		Sprinkler Throw Range Rango de Alcance del Aspesor ( m )	% 85 of Throw Diameter of Sprinkler 85% del Diámetro de Alcance del Aspesor ( m )	Capacity Capacidad		Irrigated Area Área Irrigada m <sup>2</sup>	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 Liter/Min Ratío del Flujo Litros / Min.	Flow Rate m <sup>3</sup> / Hour Ratío del Flujo m <sup>3</sup> / Hora		10 mm rainfall mm Caída de Agua		20 mm rainfall mm Caída de Agua		25 mm rainfall mm Caída de Agua		30 mm rainfall mm Caída de Agua					
								Lineer Velocity meter/hour Velocidad de la Línea del Irriforce Metros / Hora	Total Pressure Total de Presión Necesitada	Lineer Velocity meter/hour Velocidad de la Línea del Irriforce Metros / Hora	Total Pressure Total de Presión Necesitada	Lineer Velocity meter/hour Velocidad de la Línea del Irriforce Metros / Hora	Total Pressure Total de Presión Necesitada	Lineer Velocity meter/hour Velocidad de la Línea del Irriforce Metros / Hora	Total Pressure Total de Presión Necesitada				
16mm	3	44	30	51	308	18.5	16321	34	4.7	68	17	4.4	64	14	4.2	61	11	4.2	61
	4	58	34	58	358	21.5	18651	35	5.9	86	17	5.6	81	14	5.4	78	12	5.4	78
	5	73	35	60	392	23.5	19240	37	7	102	18	6.7	97	15	6.5	94	12	6.5	94
18mm	3	44	32	54	390	23.4	17482	40	5	73	20	4.7	68	16	4.5	65	13	4.5	65
	4	58	35	60	445	26.7	19240	42	6.2	90	21	5.9	86	17	5.7	83	14	5.7	83
	5	73	38	65	498	29.9	21018	43	7.4	107	21	7.1	103	17	6.9	100	14	6.9	100
20mm	3	44	35	60	463	27.8	19240	43	5.2	75	22	4.9	71	17	4.7	68	14	4.7	68
	4	58	38	65	548	32.9	21018	47	6.6	96	23	6.3	91	19	6.1	88	16	6.1	88
	5	73	42	71	617	37	23421	47	7.8	113	24	7.5	109	19	7.3	106	16	7.3	106
22mm	3	44	36	61	567	34	19830	51	5.5	80	26	5.2	75	21	5.0	73	17	5.0	73
	4	58	40	68	680	40.8	22215	55	7.1	103	28	6.8	99	22	6.6	96	18	6.6	96
	5	73	44	75	753	45.2	24636	55	8.5	123	28	8.2	119	22	8.0	116	18	8.0	116

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

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