

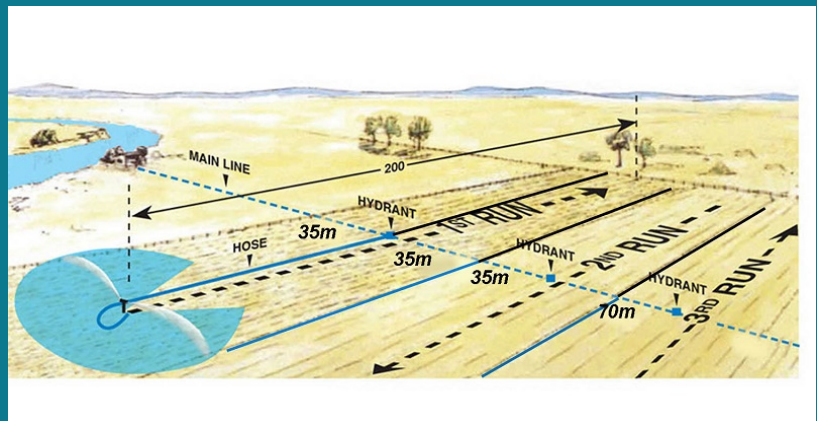


IRRICRUISER ULTIMATE



FEATURES:

- Heavy duty design
- Hot dip galvanised hose reel and frame
- Travel shut-off mechanism
- High efficient turbine
- 3-speed Italian made gear box
- Sensitive speed control
- Manual brake system
- Rear Tyres 750 x 16 - Front Tyre: 4.5 x 12
- 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: 400m or 500m
- Lay Flat Hose : 3.5" 200m Premium quality, German made Drag Hose with fittings
- Designed in Australia, made in Turkey



Working Pressure: 70 - 100 psi
 Water Flow: 500 - 1500 l/min
 Effective Spray Width: 70 - 120 m
 Speed: 10 - 70 m/hour
 Sprinkler: DuCaR Green 150

APPLICATIONS:

- Agriculture: Small to medium 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



IRRICRUISER ULTIMATE

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.
- Three speed heavy duty type; Italian made gear box coupled to the turbine provides the DuCaR IrriCruiser with a wide range of travel speeds to suit your particular crop water requirements and allows you to save a lot of energy.
- The volume of water entering the turbine is controlled by a diverter valve, which when used with the three speed gearbox, provides the DuCaR IrriCruiser with infinite range of travel speeds to suit different crop water requirements.
- The turbine's RPM and travelling speed is read on accurate digital tachometers.
- No Filters required for the turbine drive.
- No exhaust water from the turbine drive, all water is distributed through the sprinkler.

IRRICRUISER ULTIMATE TD3500-400 RAINFALL AND VELOCITY RELATIONS TABLE

IRRICRUISER ULTIMATE TD3500 - 400 CUADRO DE LA RELACIÓN CAÍDA DE AGUA Y VELOCIDAD

Sprinkler Type - Tip aspersor : DuCaR Jet 65
 Hose Diameter and Length : 90mm (3.5") 200M hose X Maximum 400M Run Length
 Diámetro interno y Largo de la Manguera : Diámetro 90mm 200M Manguera X Maximum ; Largo :400M
 Maximum Run Length: 400 Metres
 Largo del Recorrido : 400 Metres

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 Aspersor (m)	Capacity Capacidad		Irrigated Area Area Irrigada m ²	Turbine Pressure Loss (Bar) Pérdida de Presión en la Plataforma 1.4		Turbine Pressure Loss (Bar) Pérdida de Presión en la Plataforma 1.1		Turbine Pressure Loss (Bar) Pérdida de Presión en la Plataforma 0.9		Turbine Pressure Loss (Bar) Pérdida de Presión en la Plataforma 0.9					
					Flow Rate Liter/Min Ratio del Flujo Litros / Min.	Flow Rate m ³ / Hour Ratio del Flujo m ³ / Hora		15 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 Linea del Irriforce Metros / Hora	Total Pressure Total de Presión Necesitada BAR PSI	Lineer Velocity meter/hour Velocidad de la Linea del Irriforce Metros / Hora	Total Pressure Total de Presión Necesitada BAR PSI	Lineer Velocity meter/hour Velocidad de la Linea del Irriforce Metros / Hora	Total Pressure Total de Presión Necesitada BAR PSI	Lineer Velocity meter/hour Velocidad de la Linea del Irriforce Metros / Hora	Total Pressure Total de Presión Necesitada BAR PSI				
24mm	3	44	39	66	667	40	28245	38	4.8	70	28	4.5	65	23	4.3	62	19	4.3	62
	4	58	43	73	800	48	31337	41	6.1	88	31	5.8	84	25	5.6	81	20	5.6	81
	5	73	49	83	917	55	36044	41	7.3	106	31	7.0	102	24	6.8	99	20	6.8	99
26mm	3	44	41	70	783	47	29787	42	5	73	32	4.7	68	25	4.5	65	21	4.5	65
	4	58	48	82	933	56	35253	42	6.3	91	32	6.0	87	25	5.8	84	21	5.8	84
	5	73	50	85	1050	63	36836	46	7.4	107	34	7.1	103	27	6.9	100	23	6.9	100
28mm	3	44	41	70	783	47	29787	42	5	73	32	4.7	68	25	4.5	65	21	4.5	65
	4	58	48	82	933	56	35253	42	6.3	91	32	6.0	87	25	5.8	84	21	5.8	84
	5	73	50	85	1050	63	36836	46	7.4	107	34	7.1	103	27	6.9	100	23	6.9	100
30mm	3	44	41	70	783	47	29787	42	5	73	32	4.7	68	25	4.5	65	21	4.5	65
	4	58	48	82	933	56	35253	42	6.3	91	32	6.0	87	25	5.8	84	21	5.8	84
	5	73	50	85	1050	63	36836	46	7.4	107	34	7.1	103	27	6.9	100	23	6.9	100
32mm	3	44	41	70	783	47	29787	42	5	73	32	4.7	68	25	4.5	65	21	4.5	65
	4	58	48	82	933	56	35253	42	6.3	91	32	6.0	87	25	5.8	84	21	5.8	84
	5	73	50	85	1050	63	36836	46	7.4	107	34	7.1	103	27	6.9	100	23	6.9	100

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