

IRRIFORCE ULTRA TD3500-400 RAINFALL AND VELOCITY RELATIONS TABLE

Sprinkler Type : **Jet 65**
 Hose Diameter and Length : 90mm 200M hose X Maximum 400M Travel Length

Nozzle Size	Sprinkler Pressure (Bar)	Sprinkler Throw Range (m)	% 85 of Throw Diameter of Sprinkler (m)	Capacity		Irrigated Area m ²	Tribune Pressure Lost (Bar) 1,4		Tribune Pressure Lost (Bar) 1,1		Tribune Pressure Lost (Bar) 0,9		Tribune Pressure Lost (Bar) 0,9		Tribune Pressure Lost (Bar) 0,7	
				Flow Rate Liter/Min	Flow Rate m ³ / Hour		15 mm rainfall		20 mm rainfall		25 mm rainfall		30 mm rainfall		40 mm rainfall	
				Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	
24mm	3	39	66	667	40	28245	38	4,8	28	4,5	23	4,3	19	4,3	14	4,1
	4	43	73	800	48	31337	41	6,1	31	5,8	25	5,6	20	5,6	15	5,4
	5	49	83	917	55	36044	41	7,3	31	7,0	24	6,8	20	6,8	15	6,6
	6	52	88	983	59	38427	41	8,4	31	8,1	25	7,9	20	7,9	15	7,7
26mm	3	41	70	783	47	29787	42	5	32	4,7	25	4,5	21	4,5	16	4,3
	4	48	82	933	56	35253	42	6,3	32	6,0	25	5,8	21	5,8	16	5,6
	5	50	85	1050	63	36836	46	7,4	34	7,1	27	6,9	23	6,9	17	6,7
28mm	4	49	83	1083	65	36044	48	6,6	36	6,3	29	6,1	24	6,1	18	5,9
	5	53	90	1200	72	39226	49	7,9	37	7,6	29	7,4	24	7,4	18	7,2
30mm	4	50	85	1217	73	36836	53	6,8	40	6,5	32	6,3	26	6,3	20	6,1
	5	54	92	1350	81	40028	54	8,2	40	7,9	32	7,7	27	7,7	20	7,5
32mm	4	52	88	1367	82	38427	57	7,3	43	7,0	34	6,8	28	6,8	21	6,6
	5	56	95	1533	92	41637	59	8,8	44	8,5	35	8,3	29	8,3	22	8,1

* 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. Yüzük Makine does not accept any responsibility according to usage of this Table.

IRRIFORCE ULTRA TD3500-500 RAINFALL AND VELOCITY RELATIONS TABLE

Sprinkler Type : **Jet 65**
 Hose Diameter and Length : 90mm 250M hose X Maximum 500M Travel Length

Nozzle Size	Sprinkler Pressure (Bar)	Sprinkler Throw Range (m)	% 85 of Throw Diameter of Sprinkler (m)	Capacity		Irrigated Area m ²	Tribune Pressure Lost (Bar) 1,4		Tribune Pressure Lost (Bar) 1,1		Tribune Pressure Lost (Bar) 0,9		Tribune Pressure Lost (Bar) 0,9		Tribune Pressure Lost (Bar) 0,7	
				Flow Rate Liter/Min	Flow Rate m ³ / Hour		15 mm rainfall		20 mm rainfall		25 mm rainfall		30 mm rainfall		40 mm rainfall	
				Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	Irriforce Lineer Velocity meter/hour	Total Pressure Bar	
24mm	3	39	66	667	40	34875	38	5	29	4,7	23	4,5	19	4,5	14	4,3
	4	43	73	800	48	38647	41	6,3	31	6,0	25	5,8	21	5,8	16	5,6
	5	49	83	917	55	44374	41	7,3	31	7,0	25	6,8	21	6,8	15	6,6
	6	52	88	983	59	47267	42	8,6	31	8,3	25	8,1	21	8,1	16	7,9
26mm	3	41	70	783	47	36757	43	5,3	32	5,0	26	4,8	21	4,8	16	4,6
	4	48	82	933	56	43413	43	6,6	32	6,3	26	6,1	21	6,1	16	5,9
	5	50	85	1050	63	45336	46	7,7	35	7,4	28	7,2	23	7,2	17	7,0
28mm	4	49	83	1083	65	44374	49	7,1	37	6,8	29	6,6	24	6,6	18	6,4
	5	53	90	1200	72	48236	50	8,4	37	8,1	30	7,9	25	7,9	19	7,7
30mm	4	50	85	1217	73	45336	54	7,4	40	7,1	32	6,9	27	6,9	20	6,7
	5	54	92	1350	81	49208	55	9	41	8,7	33	8,5	27	8,5	21	8,3
32mm	4	52	88	1367	82	47267	58	8	43	7,7	35	7,5	29	7,5	22	7,3
	4,5	54	92	1433	86	49208	58	8,8	44	8,5	35	8,3	29	8,3	22	8,1

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