

## IRRIFORCE Ultra TD3500-500 RAINFALL AND VELOCITY RELATIONS TABLE

**Sprinkler Type :**

**Jet 65**

**Hose Diameter and Length :**

90mm 250M hose X Maximum 500M Travel Lenght

							Tribune Pressure 1,4 Lost (Bar)		Tribune Pressure 1,1 Lost (Bar)		Tribune Pressure 0,9 Lost (Bar)		Tribune Pressure 0,9 Lost (Bar)		
					Capacity		Irrigated Area	15 mm rainfall		20 mm rainfall		25 mm rainfall		30 mm rainfall	
Nozzle Size	Sprinkler Pressure ( Bar )	Sprinkler Throw Range ( m )	% 85 of Throw Diameter of Sprinkler ( m )	Flow Rate Liter/Min	Flow Rate m <sup>3</sup> / Hour	m <sup>2</sup>	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	
	4	43	73	800	48	38647	41	6,3	31	6,0	25	5,8	21	5,8	
	5	49	83	917	55	44374	41	7,5	31	7,2	25	7,0	21	7,0	
	6	52	88	983	59	47267	42	8,7	31	8,4	25	8,2	21	8,2	
26mm	3	41	70	783	47	36757	43	5,2	32	4,9	26	4,7	21	4,7	
	4	48	82	933	56	43413	43	6,5	32	6,2	26	6,0	21	6,0	
	5	50	85	1050	63	45336	46	7,7	35	7,4	28	7,2	23	7,2	
	6	53	90	1133	68	48236	47	9	35	8,7	28	8,5	23	8,5	
28mm	4	49	83	1083	65	44374	49	6,8	37	6,5	29	6,3	24	6,3	
	5	53	90	1200	72	48236	50	8,1	37	7,8	30	7,6	25	7,6	
30mm	4	50	85	1217	73	45336	54	7,1	40	6,8	32	6,6	27	6,6	
	5	54	92	1350	81	49208	55	8,6	41	8,3	33	8,1	27	8,1	
32mm	4	52	88	1367	82	47267	58	7,8	43	7,5	35	7,3	29	7,3	
	5	56	95	1533	92	51157	60	9,4	45	9,1	36	8,9	30	8,9	

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