

MONSOON

THE COST EFFICIENT IRRIGATORS

Hose Reel Boom Performance Chart

42-60 🌿 Diam PE Hose – 100 🌿 Mt Length PE Hose – 350

BOOM	Nozzle					ATM	Total capacity			Irrigated area Surface	SPEED MT/H , RATE AND INLET PRESSURE													
											10		20		30		40		50		75		100	
	It/sec	lt/min	mc/h	HA	mm		BAR	mm	BAR		mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR				
MOD. 50	Verde	Green	Vert	Grün	Verde	1	7.43	446	26.76	1.61	58.2	2.0	29.1	2.2	19.4	2.3	14.5	2.5	11.6	2.7	7.8	3.1	5.8	3.5
						2	10.65	639	38.34		83.3	3.8	41.7	3.9	27.8	4.1	20.8	4.3	16.7	4.4	11.1	4.9	8.3	5.3
						3	12.63	757.6	45.46		98.8	5.4	49.4	5.5	32.9	5.7	24.7	5.9	19.8	6.0	13.2	6.5	9.9	6.9
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	8.90	534	32.04	1.61	69.7	2.3	34.8	2.5	23.2	2.7	17.4	2.8	13.9	3.0	9.3	3.4	7.0	3.8
						2	12.41	744.6	44.68		97.1	4.3	48.6	4.5	32.4	4.6	24.3	4.8	19.4	5.0	12.9	5.4	9.7	5.8
						3	15.27	916	54.96		119.5	6.3	59.7	6.5	39.8	6.6	29.9	6.8	23.9	7.0	15.9	7.4	11.9	7.8
	Rosso	Red	Rouge	Rot	Rojo	1	10.66	639.6	38.38	1.61	83.4	2.8	41.7	2.9	27.8	3.1	20.9	3.3	16.7	3.4	11.1	3.9	8.3	4.3
						2	14.76	885.4	53.12		115.5	5.1	57.7	5.3	38.5	5.4	28.9	5.6	23.1	5.8	15.4	6.2	11.5	6.6
						3	17.91	1074.4	64.46		140.1	7.4	70.1	7.6	46.7	7.7	35.0	7.9	28.0	8.1	18.7	8.5	14.0	8.9
	Nero	Black	Noir	Schwarz	Negro	1	14.77	886	53.16	1.61	115.6	4.1	57.8	4.3	38.5	4.5	28.9	4.6	23.1	4.8	15.4	5.2	11.6	5.6
						2	20.92	1255	75.30		163.7	7.8	81.8	8.0	54.6	8.1	40.9	8.3	32.7	8.5	21.8	8.9	16.4	9.3
						3	24.80	1488	89.28		194.1	10.9	97.0	11.0	64.7	11.2	48.5	11.4	38.8	11.5	25.9	12.0	19.4	12.4
MOD. 57	Verde	Green	Vert	Grün	Verde	1	8.33	500	30.00	1.86	56.6	2.2	28.3	2.4	18.9	2.5	14.2	2.7	11.3	2.9	7.5	3.3	5.7	3.7
						2	11.95	717	43.02		81.2	4.2	40.6	4.3	27.1	4.5	20.3	4.7	16.2	4.8	10.8	5.2	8.1	5.7
						3	14.17	850	51.00		96.2	5.9	48.1	6.1	32.1	6.2	24.1	6.4	19.2	6.6	12.8	7.0	9.6	7.4
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	10.00	600	36.00	1.86	67.9	2.6	34.0	2.8	22.6	2.9	17.0	3.1	13.6	3.3	9.1	3.7	6.8	4.1
						2	13.95	837	50.22		94.8	4.8	47.4	5.0	31.6	5.2	23.7	5.3	19.0	5.5	12.6	5.9	9.5	6.3
						3	17.17	1030	61.80		116.6	7.1	58.3	7.2	38.9	7.4	29.2	7.6	23.3	7.7	15.5	8.2	11.7	8.6
	Rosso	Red	Rouge	Rot	Rojo	1	12.00	720	43.20	1.86	81.5	3.2	40.8	3.3	27.2	3.5	20.4	3.7	16.3	3.8	10.9	4.3	8.2	4.7
						2	16.62	997	59.82		112.9	5.8	56.4	6.0	37.6	6.2	28.2	6.3	22.6	6.5	15.0	6.9	11.3	7.3
						3	20.17	1210	72.60		137.0	8.4	68.5	8.6	45.7	8.8	34.2	8.9	27.4	9.1	18.3	9.5	13.7	9.9
	Nero	Black	Noir	Schwarz	Negro	1	16.67	1000	60.00	1.86	113.2	4.9	56.6	5.0	37.7	5.2	28.3	5.4	22.6	5.5	15.1	5.9	11.3	6.4
						2	23.62	1417	85.02		160.4	9.2	80.2	9.4	53.5	9.5	40.1	9.7	32.1	9.9	21.4	10.3	16.0	10.7
						3	28.00	1680	100.80		190.2	12.8	95.1	13.0	63.4	13.2	47.5	13.3	38.0	13.5	25.4	13.9	19.0	14.3

BOOM	Nozzle					ATM	Total capacity			Irrigated area Surface	SPEED MT/H , RATE AND INLET PRESSURE														
							HA	10			20		30		40		50		75		100				
								lt/sec	lt/min		mc/h	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR
MOD. 54 \ 62	Verde	Green	Vert	Grün	Verde	1	9.23	554	33.24	2.03	57.3	2.4	28.7	2.6	19.1	2.7	14.3	2.9	11.5	3.1	7.6	3.5	5.7	3.9	
						2	13.25	795	47.70		82.2	4.6	41.1	4.7	27.4	4.9	20.6	5.1	16.4	5.2	11.0	5.7	8.2	6.1	
						3	15.71	942.4	56.54		97.5	6.5	48.7	6.6	32.5	6.8	24.4	7.0	19.5	7.1	13.0	7.6	9.7	8.0	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	11.10	666	39.96	2.03	68.9	2.9	34.4	3.1	23.0	3.2	17.2	3.4	13.8	3.6	9.2	4.0	6.9	4.4	
						2	15.49	929.4	55.76		96.1	5.4	48.1	5.6	32.0	5.7	24.0	5.9	19.2	6.1	12.8	6.5	9.6	6.9	
						3	19.07	1144	68.64		118.3	7.9	59.2	8.1	39.4	8.2	29.6	8.4	23.7	8.6	15.8	9.0	11.8	9.4	
	Rosso	Red	Rouge	Rot	Rojo	1	13.34	800.4	48.02	2.03	82.8	3.6	41.4	3.8	27.6	3.9	20.7	4.1	16.6	4.3	11.0	4.7	8.3	5.1	
						2	18.48	1108.6	66.52		114.7	6.6	57.3	6.8	38.2	7.0	28.7	7.1	22.9	7.3	15.3	7.7	11.5	8.1	
						3	22.43	1345.6	80.74		139.2	9.6	69.6	9.7	46.4	9.9	34.8	10.1	27.8	10.2	18.6	10.6	13.9	11.1	
	Nero	Black	Noir	Schwarz	Negro	1	18.57	1114	66.84	2.03	115.2	5.7	57.6	5.8	38.4	6.0	28.8	6.2	23.0	6.3	15.4	6.8	11.5	7.2	
						2	26.32	1579	94.74		163.3	10.8	81.7	10.9	54.4	11.1	40.8	11.3	32.7	11.4	21.8	11.9	16.3	12.3	
						3	31.20	1872	112.32		193.7	15.0	96.8	15.1	64.6	15.3	48.4	15.5	38.7	15.6	25.8	16.0	19.4	16.5	
	MOD. 61 \ 70	Verde	Green	Vert	Grün	Verde	1	10.13	608	36.48	2.31	55.3	2.6	27.6	2.8	18.4	3.0	13.8	3.1	11.1	3.3	7.4	3.7	5.5	4.1
							2	14.55	873	52.38		79.4	5.0	39.7	5.2	26.5	5.4	19.8	5.5	15.9	5.7	10.6	6.1	7.9	6.5
							3	17.25	1034.8	62.09		94.1	7.1	47.0	7.3	31.4	7.4	23.5	7.6	18.8	7.8	12.5	8.2	9.4	8.6
Giallo		Yellow	Jaune	Gelb	Amarillo	1	12.20	732	43.92	2.31	66.5	3.2	33.3	3.4	22.2	3.6	16.6	3.7	13.3	3.9	8.9	4.3	6.7	4.7	
						2	17.03	1021.8	61.31		92.9	6.0	46.4	6.2	31.0	6.3	23.2	6.5	18.6	6.7	12.4	7.1	9.3	7.5	
						3	20.97	1258	75.48		114.4	8.8	57.2	9.0	38.1	9.1	28.6	9.3	22.9	9.5	15.2	9.9	11.4	10.3	
Rosso		Red	Rouge	Rot	Rojo	1	14.68	880.8	52.85	2.31	80.1	4.1	40.0	4.3	26.7	4.4	20.0	4.6	16.0	4.8	10.7	5.2	8.0	5.6	
						2	20.34	1220.2	73.21		110.9	7.5	55.5	7.7	37.0	7.8	27.7	8.0	22.2	8.2	14.8	8.6	11.1	9.0	
						3	24.69	1481.2	88.87		134.7	10.8	67.3	11.0	44.9	11.1	33.7	11.3	26.9	11.5	18.0	11.9	13.5	12.3	
Nero		Black	Noir	Schwarz	Negro	1	20.47	1228	73.68	2.31	111.6	6.6	55.8	6.7	37.2	6.9	27.9	7.1	22.3	7.2	14.9	7.7	11.2	8.1	
						2	29.02	1741	104.46		158.3	12.5	79.1	12.6	52.8	12.8	39.6	13.0	31.7	13.1	21.1	13.6	15.8	14.0	
						3	34.40	2064	123.84		187.6	17.3	93.8	17.5	62.5	17.6	46.9	17.8	37.5	18.0	25.0	18.4	18.8		