

MONSOON

THE COST EFFICIENT IRRIGATORS

Hose Reel Boom Performance Chart

42-60 🌿 Diam PE Hose – 100 🌿 Mt Length PE Hose – 400

BOOM	Nozzle					ATM	Total capacity			Irrigated area Surface HA	SPEED MT/H , RATE AND INLET PRESSURE													
							lt/sec	lt/min	mc/h		10		20		30		40		50		75		100	
											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	1.84	58.2	2.1	29.1	2.3	19.4	2.4	14.5	2.6	11.6	2.8	7.8	3.2	5.8	3.6
						2	10.65	639	38.34		83.3	4.0	41.7	4.2	27.8	4.3	20.8	4.5	16.7	4.7	11.1	5.1	8.3	5.5
						3	12.63	757.6	45.46		98.8	5.7	49.4	5.9	32.9	6.0	24.7	6.2	19.8	6.4	13.2	6.8	9.9	7.2
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	8.90	534	32.04	1.84	69.7	2.5	34.8	2.7	23.2	2.8	17.4	3.0	13.9	3.2	9.3	3.6	7.0	4.0
						2	12.41	744.6	44.68		97.1	4.6	48.6	4.8	32.4	4.9	24.3	5.1	19.4	5.3	12.9	5.7	9.7	6.1
						3	15.27	916	54.96		119.5	6.8	59.7	6.9	39.8	7.1	29.9	7.3	23.9	7.4	15.9	7.8	11.9	8.3
	Rosso	Red	Rouge	Rot	Rojo	1	10.66	639.6	38.38	1.84	83.4	3.0	41.7	3.2	27.8	3.3	20.9	3.5	16.7	3.7	11.1	4.1	8.3	4.5
						2	14.76	885.4	53.12		115.5	5.5	57.7	5.7	38.5	5.9	28.9	6.0	23.1	6.2	15.4	6.6	11.5	7.0
						3	17.91	1074.4	64.46		140.1	8.0	70.1	8.2	46.7	8.3	35.0	8.5	28.0	8.7	18.7	9.1	14.0	9.5
	Nero	Black	Noir	Schwarz	Negro	1	14.77	886	53.16	1.84	115.6	4.5	57.8	4.7	38.5	4.9	28.9	5.0	23.1	5.2	15.4	5.6	11.6	6.0
						2	20.92	1255	75.30		163.7	8.6	81.8	8.8	54.6	8.9	40.9	9.1	32.7	9.3	21.8	9.7	16.4	10.1
						3	24.80	1488	89.28		194.1	12.0	97.0	12.1	64.7	12.3	48.5	12.5	38.8	12.6	25.9	13.1	19.4	13.5
MOD. 57	Verde	Green	Vert	Grün	Verde	1	8.33	500	30.00	2.12	56.6	2.3	28.3	2.5	18.9	2.7	14.2	2.8	11.3	3.0	7.5	3.4	5.7	3.8
						2	11.95	717	43.02		81.2	4.4	40.6	4.6	27.1	4.8	20.3	4.9	16.2	5.1	10.8	5.5	8.1	5.9
						3	14.17	850	51.00		96.2	6.3	48.1	6.5	32.1	6.6	24.1	6.8	19.2	7.0	12.8	7.4	9.6	7.8
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	10.00	600	36.00	2.12	67.9	2.8	34.0	3.0	22.6	3.1	17.0	3.3	13.6	3.5	9.1	3.9	6.8	4.3
						2	13.95	837	50.22		94.8	5.2	47.4	5.4	31.6	5.5	23.7	5.7	19.0	5.9	12.6	6.3	9.5	6.7
						3	17.17	1030	61.80		116.6	7.6	58.3	7.8	38.9	8.0	29.2	8.1	23.3	8.3	15.5	8.7	11.7	9.1
	Rosso	Red	Rouge	Rot	Rojo	1	12.00	720	43.20	2.12	81.5	3.5	40.8	3.6	27.2	3.8	20.4	4.0	16.3	4.1	10.9	4.5	8.2	5.0
						2	16.62	997	59.82		112.9	6.4	56.4	6.5	37.6	6.7	28.2	6.9	22.6	7.0	15.0	7.4	11.3	7.9
						3	20.17	1210	72.60		137.0	9.2	68.5	9.3	45.7	9.5	34.2	9.7	27.4	9.8	18.3	10.3	13.7	10.7
	Nero	Black	Noir	Schwarz	Negro	1	16.67	1000	60.00	2.12	113.2	5.4	56.6	5.6	37.7	5.7	28.3	5.9	22.6	6.1	15.1	6.5	11.3	6.9
						2	23.62	1417	85.02		160.4	10.2	80.2	10.4	53.5	10.5	40.1	10.7	32.1	10.9	21.4	11.3	16.0	11.7
						3	28.00	1680	100.80		190.2	14.2	95.1	14.4	63.4	14.5	47.5	14.7	38.0	14.9	25.4	15.3	19.0	15.7

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. 62 \ 54	Verde	Green	Vert	Grün	Verde	1	9.23	554	33.24	2.32	57.3	2.6	28.7	2.7	19.1	2.9	14.3	3.1	11.5	3.2	7.6	3.7	5.7	4.1	
						2	13.25	795	47.70		82.2	4.9	41.1	5.1	27.4	5.3	20.6	5.4	16.4	5.6	11.0	6.0	8.2	6.4	
						3	15.71	942.4	56.54		97.5	6.9	48.7	7.1	32.5	7.3	24.4	7.4	19.5	7.6	13.0	8.0	9.7	8.4	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	11.10	666	39.96	2.32	68.9	3.2	34.4	3.3	23.0	3.5	17.2	3.7	13.8	3.8	9.2	4.2	6.9	4.7	
						2	15.49	929.4	55.76		96.1	5.9	48.1	6.0	32.0	6.2	24.0	6.4	19.2	6.5	12.8	6.9	9.6	7.4	
						3	19.07	1144	68.64		118.3	8.6	59.2	8.7	39.4	8.9	29.6	9.1	23.7	9.2	15.8	9.7	11.8	10.1	
	Rosso	Red	Rouge	Rot	Rojo	1	13.34	800.4	48.02	2.32	82.8	4.0	41.4	4.1	27.6	4.3	20.7	4.5	16.6	4.6	11.0	5.0	8.3	5.5	
						2	18.48	1108.6	66.52		114.7	7.3	57.3	7.4	38.2	7.6	28.7	7.8	22.9	7.9	15.3	8.4	11.5	8.8	
						3	22.43	1345.6	80.74		139.2	10.5	69.6	10.6	46.4	10.8	34.8	11.0	27.8	11.1	18.6	11.6	13.9	12.0	
	Nero	Black	Noir	Schwarz	Negro	1	18.57	1114	66.84	2.32	115.2	6.3	57.6	6.5	38.4	6.7	28.8	6.8	23.0	7.0	15.4	7.4	11.5	7.8	
						2	26.32	1579	94.74		163.3	12.0	81.7	12.2	54.4	12.3	40.8	12.5	32.7	12.7	21.8	13.1	16.3	13.5	
						3	31.20	1872	112.32		193.7	16.6	96.8	16.8	64.6	17.0	48.4	17.1	38.7	17.3	25.8	17.7	19.4	18.1	
	MOD. 70 \ 61	Verde	Green	Vert	Grün	Verde	1	10.13	608	36.48	2.64	55.3	2.8	27.6	3.0	18.4	3.2	13.8	3.3	11.1	3.5	7.4	3.9	5.5	4.3
							2	14.55	873	52.38		79.4	5.4	39.7	5.6	26.5	5.8	19.8	5.9	15.9	6.1	10.6	6.5	7.9	6.9
							3	17.25	1034.8	62.09		94.1	7.7	47.0	7.8	31.4	8.0	23.5	8.2	18.8	8.3	12.5	8.7	9.4	9.2
Giallo		Yellow	Jaune	Gelb	Amarillo	1	12.20	732	43.92	2.64	66.5	3.5	33.3	3.7	22.2	3.9	16.6	4.0	13.3	4.2	8.9	4.6	6.7	5.0	
						2	17.03	1021.8	61.31		92.9	6.6	46.4	6.7	31.0	6.9	23.2	7.1	18.6	7.2	12.4	7.6	9.3	8.1	
						3	20.97	1258	75.48		114.4	9.6	57.2	9.8	38.1	10.0	28.6	10.1	22.9	10.3	15.2	10.7	11.4	11.1	
Rosso		Red	Rouge	Rot	Rojo	1	14.68	880.8	52.85	2.64	80.1	4.5	40.0	4.7	26.7	4.8	20.0	5.0	16.0	5.2	10.7	5.6	8.0	6.0	
						2	20.34	1220.2	73.21		110.9	8.3	55.5	8.4	37.0	8.6	27.7	8.8	22.2	8.9	14.8	9.4	11.1	9.8	
						3	24.69	1481.2	88.87		134.7	11.9	67.3	12.1	44.9	12.2	33.7	12.4	26.9	12.6	18.0	13.0	13.5	13.4	
Nero		Black	Noir	Schwarz	Negro	1	20.47	1228	73.68	2.64	111.6	7.3	55.8	7.5	37.2	7.7	27.9	7.8	22.3	8.0	14.9	8.4	11.2	8.8	
						2	29.02	1741	104.46		158.3	14.0	79.1	14.1	52.8	14.3	39.6	14.5	31.7	14.6	21.1	15.0	15.8	15.5	
						3	34.40	2064	123.84		187.6	19.3	93.8	19.5	62.5	19.7	46.9	19.8	37.5	20.0	25.0	20.4	18.8	20.8	