

MONSOON

THE COST EFFICIENT IRRIGATORS

Hose Reel Boom Performance Chart

42-60 🌿 Diam PE Hose – 110 🌿 Mt Length PE Hose – 300

BOOM	Nozzle					ATM	Total capacity			Irrigated area Surface	SPEED MT/H , RATE AND INLET PRESSURE													
							lt/sec	lt/min	mc/h		HA	10		20		30		40		50		75		100
	mm	BAR	mm	BAR	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	1.38	58.2	1.6	29.1	1.8	19.4	1.9	14.5	2.1	11.6	2.3	7.8	2.7	5.8	3.1
						2	10.65	639	38.34		83.3	3.0	41.7	3.2	27.8	3.4	20.8	3.5	16.7	3.7	11.1	4.1	8.3	4.5
						3	12.63	757.6	45.46		98.8	4.4	49.4	4.5	32.9	4.7	24.7	4.9	19.8	5.0	13.2	5.4	9.9	5.9
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	8.90	534	32.04	1.38	69.7	1.8	34.8	2.0	23.2	2.1	17.4	2.3	13.9	2.5	9.3	2.9	7.0	3.3
						2	12.41	744.6	44.68		97.1	3.3	48.6	3.5	32.4	3.7	24.3	3.8	19.4	4.0	12.9	4.4	9.7	4.8
						3	15.27	916	54.96		119.5	4.9	59.7	5.0	39.8	5.2	29.9	5.4	23.9	5.5	15.9	5.9	11.9	6.4
	Rosso	Red	Rouge	Rot	Rojo	1	10.66	639.6	38.38	1.38	83.4	2.0	41.7	2.2	27.8	2.4	20.9	2.5	16.7	2.7	11.1	3.1	8.3	3.5
						2	14.76	885.4	53.12		115.5	3.8	57.7	3.9	38.5	4.1	28.9	4.3	23.1	4.4	15.4	4.8	11.5	5.3
						3	17.91	1074.4	64.46		140.1	5.4	70.1	5.6	46.7	5.8	35.0	5.9	28.0	6.1	18.7	6.5	14.0	6.9
	Nero	Black	Noir	Schwarz	Negro	1	14.77	886	53.16	1.38	115.6	2.8	57.8	2.9	38.5	3.1	28.9	3.3	23.1	3.4	15.4	3.8	11.6	4.3
						2	20.92	1255	75.30		163.7	5.2	81.8	5.4	54.6	5.5	40.9	5.7	32.7	5.9	21.8	6.3	16.4	6.7
						3	24.80	1488	89.28		194.1	7.3	97.0	7.5	64.7	7.7	48.5	7.8	38.8	8.0	25.9	8.4	19.4	8.8
MOD. 57	Verde	Green	Vert	Grün	Verde	1	8.33	500	30.00	1.59	56.6	1.7	28.3	1.9	18.9	2.1	14.2	2.2	11.3	2.4	7.5	2.8	5.7	3.2
						2	11.95	717	43.02		81.2	3.2	40.6	3.4	27.1	3.6	20.3	3.7	16.2	3.9	10.8	4.3	8.1	4.7
						3	14.17	850	51.00		96.2	4.6	48.1	4.8	32.1	5.0	24.1	5.1	19.2	5.3	12.8	5.7	9.6	6.1
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	10.00	600	36.00	1.59	67.9	1.9	34.0	2.1	22.6	2.3	17.0	2.4	13.6	2.6	9.1	3.0	6.8	3.4
						2	13.95	837	50.22		94.8	3.6	47.4	3.8	31.6	3.9	23.7	4.1	19.0	4.3	12.6	4.7	9.5	5.1
						3	17.17	1030	61.80		116.6	5.3	58.3	5.4	38.9	5.6	29.2	5.8	23.3	5.9	15.5	6.4	11.7	6.8
	Rosso	Red	Rouge	Rot	Rojo	1	12.00	720	43.20	1.59	81.5	2.2	40.8	2.4	27.2	2.6	20.4	2.7	16.3	2.9	10.9	3.3	8.2	3.7
						2	16.62	997	59.82		112.9	4.1	56.4	4.3	37.6	4.5	28.2	4.6	22.6	4.8	15.0	5.2	11.3	5.6
						3	20.17	1210	72.60		137.0	6.0	68.5	6.2	45.7	6.3	34.2	6.5	27.4	6.7	18.3	7.1	13.7	7.5
	Nero	Black	Noir	Schwarz	Negro	1	16.67	1000	60.00	1.59	113.2	3.2	56.6	3.3	37.7	3.5	28.3	3.7	22.6	3.8	15.1	4.2	11.3	4.7
						2	23.62	1417	85.02		160.4	6.0	80.2	6.1	53.5	6.3	40.1	6.5	32.1	6.6	21.4	7.0	16.0	7.5
						3	28.00	1680	100.80		190.2	8.4	95.1	8.5	63.4	8.7	47.5	8.9	38.0	9.0	25.4	9.5	19.0	9.9

BOOM	Nozzle					ATM	Total capacity			Irrigated area Surface	SPEED MT/H , RATE AND INLET PRESSURE														
							lt/sec	lt/min	mc/h		HA	10		20		30		40		50		75		100	
	mm	BAR	mm	BAR	mm	BAR	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	1.74	57.3	1.8	28.7	2.0	19.1	2.2	14.3	2.3	11.5	2.5	7.6	2.9	5.7	3.3	
						2	13.25	795	47.70		82.2	3.5	41.1	3.6	27.4	3.8	20.6	4.0	16.4	4.1	11.0	4.6	8.2	5.0	
						3	15.71	942.4	56.54		97.5	4.9	48.7	5.1	32.5	5.3	24.4	5.4	19.5	5.6	13.0	6.0	9.7	6.4	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	11.10	666	39.96	1.74	68.9	2.1	34.4	2.3	23.0	2.4	17.2	2.6	13.8	2.8	9.2	3.2	6.9	3.6	
						2	15.49	929.4	55.76		96.1	3.9	48.1	4.1	32.0	4.2	24.0	4.4	19.2	4.6	12.8	5.0	9.6	5.4	
						3	19.07	1144	68.64		118.3	5.7	59.2	5.9	39.4	6.1	29.6	6.2	23.7	6.4	15.8	6.8	11.8	7.2	
	Rosso	Red	Rouge	Rot	Rojo	1	13.34	800.4	48.02	1.74	82.8	2.5	41.4	2.7	27.6	2.8	20.7	3.0	16.6	3.2	11.0	3.6	8.3	4.0	
						2	18.48	1108.6	66.52		114.7	4.6	57.3	4.7	38.2	4.9	28.7	5.1	22.9	5.2	15.3	5.7	11.5	6.1	
						3	22.43	1345.6	80.74		139.2	6.6	69.6	6.8	46.4	6.9	34.8	7.1	27.8	7.3	18.6	7.7	13.9	8.1	
	Nero	Black	Noir	Schwarz	Negro	1	18.57	1114	66.84	1.74	115.2	3.6	57.6	3.8	38.4	3.9	28.8	4.1	23.0	4.3	15.4	4.7	11.5	5.1	
						2	26.32	1579	94.74		163.3	6.8	81.7	7.0	54.4	7.1	40.8	7.3	32.7	7.5	21.8	7.9	16.3	8.3	
						3	31.20	1872	112.32		193.7	9.5	96.8	9.7	64.6	9.9	48.4	10.0	38.7	10.2	25.8	10.6	19.4	11.0	
	MOD. 70 \ 61	Verde	Green	Vert	Grün	Verde	1	10.13	608	36.48	1.98	55.3	2.0	27.6	2.1	18.4	2.3	13.8	2.5	11.1	2.6	7.4	3.0	5.5	3.5
							2	14.55	873	52.38		79.4	3.7	39.7	3.9	26.5	4.0	19.8	4.2	15.9	4.4	10.6	4.8	7.9	5.2
							3	17.25	1034.8	62.09		94.1	5.3	47.0	5.5	31.4	5.6	23.5	5.8	18.8	6.0	12.5	6.4	9.4	6.8
Giallo		Yellow	Jaune	Gelb	Amarillo	1	12.20	732	43.92	1.98	66.5	2.3	33.3	2.4	22.2	2.6	16.6	2.8	13.3	2.9	8.9	3.4	6.7	3.8	
						2	17.03	1021.8	61.31		92.9	4.2	46.4	4.4	31.0	4.6	23.2	4.7	18.6	4.9	12.4	5.3	9.3	5.7	
						3	20.97	1258	75.48		114.4	6.2	57.2	6.4	38.1	6.5	28.6	6.7	22.9	6.9	15.2	7.3	11.4	7.7	
Rosso		Red	Rouge	Rot	Rojo	1	14.68	880.8	52.85	1.98	80.1	2.7	40.0	2.9	26.7	3.1	20.0	3.2	16.0	3.4	10.7	3.8	8.0	4.2	
						2	20.34	1220.2	73.21		110.9	5.0	55.5	5.2	37.0	5.4	27.7	5.5	22.2	5.7	14.8	6.1	11.1	6.5	
						3	24.69	1481.2	88.87		134.7	7.3	67.3	7.5	44.9	7.6	33.7	7.8	26.9	8.0	18.0	8.4	13.5	8.8	
Nero		Black	Noir	Schwarz	Negro	1	20.47	1228	73.68	1.98	111.6	4.1	55.8	4.2	37.2	4.4	27.9	4.6	22.3	4.7	14.9	5.2	11.2	5.6	
						2	29.02	1741	104.46		158.3	7.7	79.1	7.9	52.8	8.1	39.6	8.2	31.7	8.4	21.1	8.8	15.8	9.2	
						3	34.40	2064	123.84		187.6	10.8	93.8	10.9	62.5	11.1	46.9	11.3	37.5	11.4	25.0	11.9	18.8	12.3	