

MONSOON

THE COST EFFICIENT IRRIGATORS

Hose Reel Boom Performance Chart

42-60 🌱 Diam PE Hose – 125 🌱 Mt Length PE Hose – 300

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
MOD. 42 \ 50	Verde	Green	Vert	Grün	Verde	1	7.43	446	26.76	1.38	58.2	1.4	29.1	1.6	19.4	1.7	14.5	1.9	11.6	2.1	7.8	2.5	5.8	2.9	
						2	10.65	639	38.34		83.3	2.6	41.7	2.8	27.8	3.0	20.8	3.1	16.7	3.3	11.1	3.7	8.3	4.1	
						3	12.63	757.6	45.46		98.8	3.8	49.4	4.0	32.9	4.1	24.7	4.3	19.8	4.5	13.2	4.9	9.9	5.3	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	8.90	534	32.04	1.38	69.7	1.5	34.8	1.7	23.2	1.8	17.4	2.0	13.9	2.2	9.3	2.6	7.0	3.0	
						2	12.41	744.6	44.68		97.1	2.8	48.6	3.0	32.4	3.1	24.3	3.3	19.4	3.5	12.9	3.9	9.7	4.3	
						3	15.27	916	54.96		119.5	4.1	59.7	4.2	39.8	4.4	29.9	4.6	23.9	4.7	15.9	5.2	11.9	5.6	
	Rosso	Red	Rouge	Rot	Rojo	1	10.66	639.6	38.38	1.38	83.4	1.6	41.7	1.8	27.8	2.0	20.9	2.1	16.7	2.3	11.1	2.7	8.3	3.1	
						2	14.76	885.4	53.12		115.5	3.0	57.7	3.2	38.5	3.4	28.9	3.5	23.1	3.7	15.4	4.1	11.5	4.5	
						3	17.91	1074.4	64.46		140.1	4.4	70.1	4.6	46.7	4.7	35.0	4.9	28.0	5.1	18.7	5.5	14.0	5.9	
	Nero	Black	Noir	Schwarz	Negro	1	14.77	886	53.16	1.38	115.6	2.0	57.8	2.2	38.5	2.4	28.9	2.5	23.1	2.7	15.4	3.1	11.6	3.5	
						2	20.92	1255	75.30		163.7	3.8	81.8	4.0	54.6	4.1	40.9	4.3	32.7	4.5	21.8	4.9	16.4	5.3	
						3	24.80	1488	89.28		194.1	5.4	97.0	5.6	64.7	5.7	48.5	5.9	38.8	6.1	25.9	6.5	19.4	6.9	
MOD. 49 \ 57	Verde	Green	Vert	Grün	Verde	1	8.33	500	30.00	1.59	56.6	1.5	28.3	1.6	18.9	1.8	14.2	2.0	11.3	2.1	7.5	2.5	5.7	3.0	
						2	11.95	717	43.02		81.2	2.7	40.6	2.9	27.1	3.1	20.3	3.2	16.2	3.4	10.8	3.8	8.1	4.2	
						3	14.17	850	51.00		96.2	4.0	48.1	4.1	32.1	4.3	24.1	4.5	19.2	4.6	12.8	5.0	9.6	5.5	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	10.00	600	36.00	1.59	67.9	1.6	34.0	1.7	22.6	1.9	17.0	2.1	13.6	2.2	9.1	2.7	6.8	3.1	
						2	13.95	837	50.22		94.8	2.9	47.4	3.1	31.6	3.3	23.7	3.4	19.0	3.6	12.6	4.0	9.5	4.4	
						3	17.17	1030	61.80		116.6	4.3	58.3	4.5	38.9	4.6	29.2	4.8	23.3	5.0	15.5	5.4	11.7	5.8	
	Rosso	Red	Rouge	Rot	Rojo	1	12.00	720	43.20	1.59	81.5	1.7	40.8	1.9	27.2	2.1	20.4	2.2	16.3	2.4	10.9	2.8	8.2	3.2	
						2	16.62	997	59.82		112.9	3.2	56.4	3.4	37.6	3.6	28.2	3.7	22.6	3.9	15.0	4.3	11.3	4.7	
						3	20.17	1210	72.60		137.0	4.7	68.5	4.9	45.7	5.0	34.2	5.2	27.4	5.4	18.3	5.8	13.7	6.2	

BOOM	Nozzle					ATM	Total capacity			Irrigated area Surface	SPEED MT/H , RATE AND INLET PRESSURE														
											10		20		30		40		50		75		100		
	Nero	Black	Noir	Schwarz	Negro	l/sec	lt/min	mc/h	HA	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR		
						1	16.67	1000	60.00	1.59	113.2	2.2	56.6	2.4	37.7	2.6	28.3	2.7	22.6	2.9	15.1	3.3	11.3	3.7	
						2	23.62	1417	85.02		160.4	4.2	80.2	4.4	53.5	4.5	40.1	4.7	32.1	4.9	21.4	5.3	16.0	5.7	
						3	28.00	1680	100.80		190.2	6.0	95.1	6.1	63.4	6.3	47.5	6.5	38.0	6.6	25.4	7.0	19.0	7.5	
MOD.	54 \ 62	Verde	Green	Vert	Grün	Verde	1	9.23	554	33.24	1.74	57.3	1.5	28.7	1.7	19.1	1.9	14.3	2.0	11.5	2.2	7.6	2.6	5.7	3.0
							2	13.25	795	47.70		82.2	2.9	41.1	3.0	27.4	3.2	20.6	3.4	16.4	3.5	11.0	3.9	8.2	4.4
							3	15.71	942.4	56.54		97.5	4.1	48.7	4.3	32.5	4.5	24.4	4.6	19.5	4.8	13.0	5.2	9.7	5.6
		Giallo	Yellow	Jaune	Gelb	Amarillo	1	11.10	666	39.96	1.74	68.9	1.7	34.4	1.8	23.0	2.0	17.2	2.2	13.8	2.3	9.2	2.8	6.9	3.2
							2	15.49	929.4	55.76		96.1	3.1	48.1	3.3	32.0	3.4	24.0	3.6	19.2	3.8	12.8	4.2	9.6	4.6
							3	19.07	1144	68.64		118.3	4.5	59.2	4.7	39.4	4.9	29.6	5.0	23.7	5.2	15.8	5.6	11.8	6.0
	Rosso	Red	Rouge	Rot	Rojo	1	13.34	800.4	48.02	1.74	82.8	1.9	41.4	2.0	27.6	2.2	20.7	2.4	16.6	2.5	11.0	3.0	8.3	3.4	
						2	18.48	1108.6	66.52		114.7	3.5	57.3	3.6	38.2	3.8	28.7	4.0	22.9	4.1	15.3	4.5	11.5	5.0	
						3	22.43	1345.6	80.74		139.2	5.0	69.6	5.2	46.4	5.4	34.8	5.5	27.8	5.7	18.6	6.1	13.9	6.5	
	Nero	Black	Noir	Schwarz	Negro	1	18.57	1114	66.84	1.74	115.2	2.5	57.6	2.6	38.4	2.8	28.8	3.0	23.0	3.1	15.4	3.6	11.5	4.0	
						2	26.32	1579	94.74		163.3	4.7	81.7	4.8	54.4	5.0	40.8	5.2	32.7	5.3	21.8	5.7	16.3	6.2	
						3	31.20	1872	112.32		193.7	6.6	96.8	6.7	64.6	6.9	48.4	7.1	38.7	7.2	25.8	7.7	19.4	8.1	
MOD.	61 \ 70	Verde	Green	Vert	Grün	Verde	1	10.13	608	36.48	1.98	55.3	1.6	27.6	1.8	18.4	1.9	13.8	2.1	11.1	2.3	7.4	2.7	5.5	3.1
							2	14.55	873	52.38		79.4	3.0	39.7	3.2	26.5	3.3	19.8	3.5	15.9	3.7	10.6	4.1	7.9	4.5
							3	17.25	1034.8	62.09		94.1	4.3	47.0	4.5	31.4	4.6	23.5	4.8	18.8	5.0	12.5	5.4	9.4	5.8
		Giallo	Yellow	Jaune	Gelb	Amarillo	1	12.20	732	43.92	1.98	66.5	1.8	33.3	1.9	22.2	2.1	16.6	2.3	13.3	2.4	8.9	2.8	6.7	3.3
							2	17.03	1021.8	61.31		92.9	3.3	46.4	3.4	31.0	3.6	23.2	3.8	18.6	3.9	12.4	4.4	9.3	4.8
							3	20.97	1258	75.48		114.4	4.8	57.2	5.0	38.1	5.1	28.6	5.3	22.9	5.5	15.2	5.9	11.4	6.3
	Rosso	Red	Rouge	Rot	Rojo	1	14.68	880.8	52.85	1.98	80.1	2.0	40.0	2.2	26.7	2.3	20.0	2.5	16.0	2.7	10.7	3.1	8.0	3.5	
						2	20.34	1220.2	73.21		110.9	3.7	55.5	3.9	37.0	4.0	27.7	4.2	22.2	4.4	14.8	4.8	11.1	5.2	
						3	24.69	1481.2	88.87		134.7	5.4	67.3	5.5	44.9	5.7	33.7	5.9	26.9	6.0	18.0	6.5	13.5	6.9	
	Nero	Black	Noir	Schwarz	Negro	1	20.47	1228	73.68	1.98	111.6	2.7	55.8	2.9	37.2	3.1	27.9	3.2	22.3	3.4	14.9	3.8	11.2	4.2	
						2	29.02	1741	104.46		158.3	5.1	79.1	5.3	52.8	5.5	39.6	5.6	31.7	5.8	21.1	6.2	15.8	6.6	
						3	34.40	2064	123.84		187.6	7.3	93.8	7.4	62.5	7.6	46.9	7.8	37.5	7.9	25.0	8.3	18.8	8.8	