

# MONSOON

THE COST EFFICIENT IRRIGATORS

## Hose Reel Boom Performance Chart

**42-60 🌿 Diam PE Hose – 125 🌿 Mt Length PE Hose – 350**

MOD.	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	mm	BAR				
50	42	Verde	Green	Vert	Grün	Verde	1	7.43	446	26.76	1.61	58.2	1.4	29.1	1.6	19.4	1.8	14.5	1.9	11.6	2.1	7.8	2.5	5.8	2.9
							2	10.65	639	38.34		83.3	2.7	41.7	2.9	27.8	3.0	20.8	3.2	16.7	3.4	11.1	3.8	8.3	4.2
							3	12.63	757.6	45.46		98.8	3.9	49.4	4.1	32.9	4.2	24.7	4.4	19.8	4.6	13.2	5.0	9.9	5.4
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	8.90	534	32.04	1.61	69.7	1.6	34.8	1.7	23.2	1.9	17.4	2.1	13.9	2.2	9.3	2.6	7.0	3.1	
						2	12.41	744.6	44.68		97.1	2.9	48.6	3.1	32.4	3.2	24.3	3.4	19.4	3.6	12.9	4.0	9.7	4.4	
						3	15.27	916	54.96		119.5	4.2	59.7	4.4	39.8	4.6	29.9	4.7	23.9	4.9	15.9	5.3	11.9	5.7	
	Rosso	Red	Rouge	Rot	Rojo	1	10.66	639.6	38.38	1.61	83.4	1.7	41.7	1.9	27.8	2.0	20.9	2.2	16.7	2.4	11.1	2.8	8.3	3.2	
						2	14.76	885.4	53.12		115.5	3.2	57.7	3.3	38.5	3.5	28.9	3.7	23.1	3.8	15.4	4.2	11.5	4.7	
						3	17.91	1074.4	64.46		140.1	4.6	70.1	4.8	46.7	4.9	35.0	5.1	28.0	5.3	18.7	5.7	14.0	6.1	
Nero	Black	Noir	Schwarz	Negro	1	14.77	886	53.16	1.61	115.6	2.2	57.8	2.3	38.5	2.5	28.9	2.7	23.1	2.8	15.4	3.2	11.6	3.7		
					2	20.92	1255	75.30		163.7	4.1	81.8	4.2	54.6	4.4	40.9	4.6	32.7	4.7	21.8	5.1	16.4	5.6		
					3	24.80	1488	89.28		194.1	5.8	97.0	5.9	64.7	6.1	48.5	6.3	38.8	6.4	25.9	6.9	19.4	7.3		
57	49	Verde	Green	Vert	Grün	Verde	1	8.33	500	30.00	1.86	56.6	1.5	28.3	1.7	18.9	1.8	14.2	2.0	11.3	2.2	7.5	2.6	5.7	3.0
							2	11.95	717	43.02		81.2	2.8	40.6	3.0	27.1	3.2	20.3	3.3	16.2	3.5	10.8	3.9	8.1	4.3
							3	14.17	850	51.00		96.2	4.1	48.1	4.3	32.1	4.4	24.1	4.6	19.2	4.8	12.8	5.2	9.6	5.6
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	10.00	600	36.00	1.86	67.9	1.7	34.0	1.8	22.6	2.0	17.0	2.2	13.6	2.3	9.1	2.7	6.8	3.2	
						2	13.95	837	50.22		94.8	3.1	47.4	3.2	31.6	3.4	23.7	3.6	19.0	3.7	12.6	4.1	9.5	4.6	
						3	17.17	1030	61.80		116.6	4.5	58.3	4.6	38.9	4.8	29.2	5.0	23.3	5.1	15.5	5.6	11.7	6.0	
	Rosso	Red	Rouge	Rot	Rojo	1	12.00	720	43.20	1.86	81.5	1.8	40.8	2.0	27.2	2.2	20.4	2.3	16.3	2.5	10.9	2.9	8.2	3.3	
						2	16.62	997	59.82		112.9	3.4	56.4	3.6	37.6	3.7	28.2	3.9	22.6	4.1	15.0	4.5	11.3	4.9	
						3	20.17	1210	72.60		137.0	4.9	68.5	5.1	45.7	5.3	34.2	5.4	27.4	5.6	18.3	6.0	13.7	6.4	

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	1	lt/sec	lt/min	mc/h	HA	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	2.03	57.3	1.6	28.7	1.8	19.1	1.9	14.3	2.1	11.5	2.3	7.6	2.7	5.7	3.1
						2	13.25	795	47.70		82.2	3.0	41.1	3.1	27.4	3.3	20.6	3.5	16.4	3.6	11.0	4.1	8.2	4.5
						3	15.71	942.4	56.54		97.5	4.3	48.7	4.4	32.5	4.6	24.4	4.8	19.5	4.9	13.0	5.4	9.7	5.8
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	11.10	666	39.96	2.03	68.9	1.8	34.4	1.9	23.0	2.1	17.2	2.3	13.8	2.4	9.2	2.8	6.9	3.3
						2	15.49	929.4	55.76		96.1	3.3	48.1	3.4	32.0	3.6	24.0	3.8	19.2	3.9	12.8	4.3	9.6	4.8
						3	19.07	1144	68.64		118.3	4.8	59.2	4.9	39.4	5.1	29.6	5.3	23.7	5.4	15.8	5.8	11.8	6.3
	Rosso	Red	Rouge	Rot	Rojo	1	13.34	800.4	48.02	2.03	82.8	2.0	41.4	2.2	27.6	2.3	20.7	2.5	16.6	2.7	11.0	3.1	8.3	3.5
						2	18.48	1108.6	66.52		114.7	3.7	57.3	3.8	38.2	4.0	28.7	4.2	22.9	4.3	15.3	4.8	11.5	5.2
						3	22.43	1345.6	80.74		139.2	5.3	69.6	5.5	46.4	5.7	34.8	5.8	27.8	6.0	18.6	6.4	13.9	6.8
Nero	Black	Noir	Schwarz	Negro	1	18.57	1114	66.84	2.03	115.2	2.7	57.6	2.9	38.4	3.0	28.8	3.2	23.0	3.4	15.4	3.8	11.5	4.2	
					2	26.32	1579	94.74		163.3	5.1	81.7	5.2	54.4	5.4	40.8	5.6	32.7	5.7	21.8	6.2	16.3	6.6	
					3	31.20	1872	112.32		193.7	7.1	96.8	7.3	64.6	7.5	48.4	7.6	38.7	7.8	25.8	8.2	19.4	8.6	
MOD. 70 \ 61	Verde	Green	Vert	Grün	Verde	1	10.13	608	36.48	2.31	55.3	1.7	27.6	1.8	18.4	2.0	13.8	2.2	11.1	2.3	7.4	2.7	5.5	3.2
						2	14.55	873	52.38		79.4	3.1	39.7	3.3	26.5	3.5	19.8	3.6	15.9	3.8	10.6	4.2	7.9	4.6
						3	17.25	1034.8	62.09		94.1	4.5	47.0	4.7	31.4	4.8	23.5	5.0	18.8	5.2	12.5	5.6	9.4	6.0
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	12.20	732	43.92	2.31	66.5	1.9	33.3	2.0	22.2	2.2	16.6	2.4	13.3	2.5	8.9	2.9	6.7	3.4
						2	17.03	1021.8	61.31		92.9	3.5	46.4	3.6	31.0	3.8	23.2	4.0	18.6	4.1	12.4	4.5	9.3	5.0
						3	20.97	1258	75.48		114.4	5.1	57.2	5.2	38.1	5.4	28.6	5.6	22.9	5.7	15.2	6.2	11.4	6.6
	Rosso	Red	Rouge	Rot	Rojo	1	14.68	880.8	52.85	2.31	80.1	2.2	40.0	2.3	26.7	2.5	20.0	2.7	16.0	2.8	10.7	3.2	8.0	3.7
						2	20.34	1220.2	73.21		110.9	4.0	55.5	4.1	37.0	4.3	27.7	4.5	22.2	4.6	14.8	5.1	11.1	5.5
						3	24.69	1481.2	88.87		134.7	5.7	67.3	5.9	44.9	6.1	33.7	6.2	26.9	6.4	18.0	6.8	13.5	7.2
Nero	Black	Noir	Schwarz	Negro	1	20.47	1228	73.68	2.31	111.6	3.0	55.8	3.2	37.2	3.3	27.9	3.5	22.3	3.7	14.9	4.1	11.2	4.5	
					2	29.02	1741	104.46		158.3	5.6	79.1	5.8	52.8	6.0	39.6	6.1	31.7	6.3	21.1	6.7	15.8	7.1	
					3	34.40	2064	123.84		187.6	7.9	93.8	8.1	62.5	8.3	46.9	8.4	37.5	8.6	25.0	9.0	18.8	9.4	