

# MONSOON

THE COST EFFICIENT IRRIGATORS

## Hose Reel Boom Performance Chart

**42-60 🌿 Diam PE Hose – 100 🌿 Mt Length PE Hose – 220**

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
MOD. 50	Verde	Green	Vert	Grün	Verde	1	7.43	446	26.76	1.01	58.2	1.7	29.1	1.9	19.4	2.0	14.5	2.2	11.6	2.4	7.8	2.8	5.8	3.2
						2	10.65	639	38.34		83.3	3.2	41.7	3.3	27.8	3.5	20.8	3.7	16.7	3.8	11.1	4.3	8.3	4.7
						3	12.63	757.6	45.46		98.8	4.6	49.4	4.7	32.9	4.9	24.7	5.1	19.8	5.2	13.2	5.6	9.9	6.1
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	8.90	534	32.04	1.01	69.7	1.9	34.8	2.1	23.2	2.2	17.4	2.4	13.9	2.6	9.3	3.0	7.0	3.4
						2	12.41	744.6	44.68		97.1	3.5	48.6	3.7	32.4	3.8	24.3	4.0	19.4	4.2	12.9	4.6	9.7	5.0
						3	15.27	916	54.96		119.5	5.1	59.7	5.3	39.8	5.5	29.9	5.6	23.9	5.8	15.9	6.2	11.9	6.6
	Rosso	Red	Rouge	Rot	Rojo	1	10.66	639.6	38.38	1.01	83.4	2.2	41.7	2.3	27.8	2.5	20.9	2.7	16.7	2.8	11.1	3.3	8.3	3.7
						2	14.76	885.4	53.12		115.5	4.0	57.7	4.2	38.5	4.4	28.9	4.5	23.1	4.7	15.4	5.1	11.5	5.5
						3	17.91	1074.4	64.46		140.1	5.8	70.1	6.0	46.7	6.2	35.0	6.3	28.0	6.5	18.7	6.9	14.0	7.3
	Nero	Black	Noir	Schwarz	Negro	1	14.77	886	53.16	1.01	115.6	3.0	57.8	3.2	38.5	3.4	28.9	3.5	23.1	3.7	15.4	4.1	11.6	4.5
						2	20.92	1255	75.30		163.7	5.7	81.8	5.9	54.6	6.0	40.9	6.2	32.7	6.4	21.8	6.8	16.4	7.2
						3	24.80	1488	89.28		194.1	8.0	97.0	8.2	64.7	8.3	48.5	8.5	38.8	8.7	25.9	9.1	19.4	9.5
MOD. 57	Verde	Green	Vert	Grün	Verde	1	8.33	500	30.00	1.17	56.6	1.8	28.3	2.0	18.9	2.1	14.2	2.3	11.3	2.5	7.5	2.9	5.7	3.3
						2	11.95	717	43.02		81.2	3.4	40.6	3.6	27.1	3.8	20.3	3.9	16.2	4.1	10.8	4.5	8.1	4.9
						3	14.17	850	51.00		96.2	4.9	48.1	5.1	32.1	5.2	24.1	5.4	19.2	5.6	12.8	6.0	9.6	6.4
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	10.00	600	36.00	1.17	67.9	2.1	34.0	2.2	22.6	2.4	17.0	2.6	13.6	2.7	9.1	3.2	6.8	3.6
						2	13.95	837	50.22		94.8	3.8	47.4	4.0	31.6	4.2	23.7	4.3	19.0	4.5	12.6	4.9	9.5	5.3
						3	17.17	1030	61.80		116.6	5.6	58.3	5.8	38.9	6.0	29.2	6.1	23.3	6.3	15.5	6.7	11.7	7.1
	Rosso	Red	Rouge	Rot	Rojo	1	12.00	720	43.20	1.17	81.5	2.4	40.8	2.6	27.2	2.8	20.4	2.9	16.3	3.1	10.9	3.5	8.2	3.9
						2	16.62	997	59.82		112.9	4.5	56.4	4.6	37.6	4.8	28.2	5.0	22.6	5.1	15.0	5.6	11.3	6.0
						3	20.17	1210	72.60		137.0	6.5	68.5	6.6	45.7	6.8	34.2	7.0	27.4	7.1	18.3	7.6	13.7	8.0
	Nero	Black	Noir	Schwarz	Negro	1	16.67	1000	60.00	1.17	113.2	3.5	56.6	3.7	37.7	3.8	28.3	4.0	22.6	4.2	15.1	4.6	11.3	5.0
						2	23.62	1417	85.02		160.4	6.6	80.2	6.8	53.5	6.9	40.1	7.1	32.1	7.3	21.4	7.7	16.0	8.1
						3	28.00	1680	100.80		190.2	9.2	95.1	9.4	63.4	9.6	47.5	9.7	38.0	9.9	25.4	10.3	19.0	10.7

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	1.28	57.3	1.9	28.7	2.1	19.1	2.3	14.3	2.4	11.5	2.6	7.6	3.0	5.7	3.4	
						2	13.25	795	47.70		82.2	3.7	41.1	3.9	27.4	4.0	20.6	4.2	16.4	4.4	11.0	4.8	8.2	5.2	
						3	15.71	942.4	56.54		97.5	5.2	48.7	5.4	32.5	5.6	24.4	5.7	19.5	5.9	13.0	6.3	9.7	6.7	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	11.10	666	39.96	1.28	68.9	2.3	34.4	2.4	23.0	2.6	17.2	2.8	13.8	2.9	9.2	3.3	6.9	3.8	
						2	15.49	929.4	55.76		96.1	4.2	48.1	4.4	32.0	4.5	24.0	4.7	19.2	4.9	12.8	5.3	9.6	5.7	
						3	19.07	1144	68.64		118.3	6.1	59.2	6.3	39.4	6.5	29.6	6.6	23.7	6.8	15.8	7.2	11.8	7.6	
	Rosso	Red	Rouge	Rot	Rojo	1	13.34	800.4	48.02	1.28	82.8	2.7	41.4	2.9	27.6	3.0	20.7	3.2	16.6	3.4	11.0	3.8	8.3	4.2	
						2	18.48	1108.6	66.52		114.7	5.0	57.3	5.1	38.2	5.3	28.7	5.5	22.9	5.6	15.3	6.1	11.5	6.5	
						3	22.43	1345.6	80.74		139.2	7.2	69.6	7.4	46.4	7.5	34.8	7.7	27.8	7.9	18.6	8.3	13.9	8.7	
	Nero	Black	Noir	Schwarz	Negro	1	18.57	1114	66.84	1.28	115.2	4.0	57.6	4.2	38.4	4.3	28.8	4.5	23.0	4.7	15.4	5.1	11.5	5.5	
						2	26.32	1579	94.74		163.3	7.6	81.7	7.7	54.4	7.9	40.8	8.1	32.7	8.2	21.8	8.7	16.3	9.1	
						3	31.20	1872	112.32		193.7	10.6	96.8	10.7	64.6	10.9	48.4	11.1	38.7	11.2	25.8	11.7	19.4	12.1	
	MOD. 70 \ 61	Verde	Green	Vert	Grün	Verde	1	10.13	608	36.48	1.45	55.3	2.1	27.6	2.3	18.4	2.4	13.8	2.6	11.1	2.8	7.4	3.2	5.5	3.6
							2	14.55	873	52.38		79.4	4.0	39.7	4.1	26.5	4.3	19.8	4.5	15.9	4.6	10.6	5.1	7.9	5.5
							3	17.25	1034.8	62.09		94.1	5.6	47.0	5.8	31.4	6.0	23.5	6.1	18.8	6.3	12.5	6.7	9.4	7.1
Giallo		Yellow	Jaune	Gelb	Amarillo	1	12.20	732	43.92	1.45	66.5	2.5	33.3	2.6	22.2	2.8	16.6	3.0	13.3	3.1	8.9	3.6	6.7	4.0	
						2	17.03	1021.8	61.31		92.9	4.6	46.4	4.7	31.0	4.9	23.2	5.1	18.6	5.2	12.4	5.7	9.3	6.1	
						3	20.97	1258	75.48		114.4	6.7	57.2	6.9	38.1	7.1	28.6	7.2	22.9	7.4	15.2	7.8	11.4	8.2	
Rosso		Red	Rouge	Rot	Rojo	1	14.68	880.8	52.85	1.45	80.1	3.0	40.0	3.2	26.7	3.3	20.0	3.5	16.0	3.7	10.7	4.1	8.0	4.5	
						2	20.34	1220.2	73.21		110.9	5.5	55.5	5.7	37.0	5.9	27.7	6.0	22.2	6.2	14.8	6.6	11.1	7.0	
						3	24.69	1481.2	88.87		134.7	8.0	67.3	8.1	44.9	8.3	33.7	8.5	26.9	8.6	18.0	9.1	13.5	9.5	
Nero		Black	Noir	Schwarz	Negro	1	20.47	1228	73.68	1.45	111.6	4.6	55.8	4.7	37.2	4.9	27.9	5.1	22.3	5.2	14.9	5.6	11.2	6.1	
						2	29.02	1741	104.46		158.3	8.6	79.1	8.8	52.8	9.0	39.6	9.1	31.7	9.3	21.1	9.7	15.8	10.1	
						3	34.40	2064	123.84		187.6	12.0	93.8	12.2	62.5	12.4	46.9	12.5	37.5	12.7	25.0	13.1	18.8	13.5	