

# MONSOON

THE COST EFFICIENT IRRIGATORS

## Hose Reel Boom Performance Chart

**42-60 🌿 Diam PE Hose – 90 🌿 Mt Length PE Hose – 350**

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	1.61	58.2	2.5	29.1	2.7	19.4	2.9	14.5	3.0	11.6	3.2	7.8	3.6	5.8	4.0	
						2	10.65	639	38.34		83.3	4.9	41.7	5.0	27.8	5.2	20.8	5.4	16.7	5.5	11.1	5.9	8.3	6.4	
						3	12.63	757.6	45.46		98.8	6.9	49.4	7.0	32.9	7.2	24.7	7.4	19.8	7.5	13.2	7.9	9.9	8.4	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	8.90	534	32.04	1.61	69.7	3.1	34.8	3.3	23.2	3.4	17.4	3.6	13.9	3.8	9.3	4.2	7.0	4.6	
						2	12.41	744.6	44.68		97.1	5.7	48.6	5.9	32.4	6.1	24.3	6.2	19.4	6.4	12.9	6.8	9.7	7.2	
						3	15.27	916	54.96		119.5	8.4	59.7	8.6	39.8	8.7	29.9	8.9	23.9	9.1	15.9	9.5	11.9	9.9	
	Rosso	Red	Rouge	Rot	Rojo	1	10.66	639.6	38.38	1.61	83.4	3.9	41.7	4.0	27.8	4.2	20.9	4.4	16.7	4.5	11.1	4.9	8.3	5.4	
						2	14.76	885.4	53.12		115.5	7.1	57.7	7.3	38.5	7.4	28.9	7.6	23.1	7.8	15.4	8.2	11.5	8.6	
						3	17.91	1074.4	64.46		140.1	10.2	70.1	10.4	46.7	10.5	35.0	10.7	28.0	10.9	18.7	11.3	14.0	11.7	
	Nero	Black	Noir	Schwarz	Negro	1	14.77	886	53.16	1.61	115.6	6.1	57.8	6.3	38.5	6.4	28.9	6.6	23.1	6.8	15.4	7.2	11.6	7.6	
						2	20.92	1255	75.30		163.7	11.6	81.8	11.7	54.6	11.9	40.9	12.1	32.7	12.2	21.8	12.6	16.4	13.1	
						3	24.80	1488	89.28		194.1	16.0	97.0	16.2	64.7	16.4	48.5	16.5	38.8	16.7	25.9	17.1	19.4	17.5	
MOD. 57	Verde	Green	Vert	Grün	Verde	1	8.33	500	30.00	1.86	56.6	2.9	28.3	3.0	18.9	3.2	14.2	3.4	11.3	3.5	7.5	4.0	5.7	4.4	
						2	11.95	717	43.02		81.2	5.5	40.6	5.7	27.1	5.8	20.3	6.0	16.2	6.2	10.8	6.6	8.1	7.0	
						3	14.17	850	51.00		96.2	7.7	48.1	7.9	32.1	8.1	24.1	8.2	19.2	8.4	12.8	8.8	9.6	9.2	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	10.00	600	36.00	1.86	67.9	3.6	34.0	3.7	22.6	3.9	17.0	4.1	13.6	4.2	9.1	4.6	6.8	5.1	
						2	13.95	837	50.22		94.8	6.6	47.4	6.8	31.6	6.9	23.7	7.1	19.0	7.3	12.6	7.7	9.5	8.1	
						3	17.17	1030	61.80		116.6	9.7	58.3	9.8	38.9	10.0	29.2	10.2	23.3	10.3	15.5	10.8	11.7	11.2	
	Rosso	Red	Rouge	Rot	Rojo	1	12.00	720	43.20	1.86	81.5	4.5	40.8	4.7	27.2	4.9	20.4	5.0	16.3	5.2	10.9	5.6	8.2	6.0	
						2	16.62	997	59.82		112.9	8.3	56.4	8.5	37.6	8.6	28.2	8.8	22.6	9.0	15.0	9.4	11.3	9.8	
						3	20.17	1210	72.60		137.0	11.9	68.5	12.1	45.7	12.3	34.2	12.4	27.4	12.6	18.3	13.0	13.7	13.4	
	Nero	Black	Noir	Schwarz	Negro	1	16.67	1000	60.00	1.86	113.2	7.3	56.6	7.5	37.7	7.7	28.3	7.8	22.6	8.0	15.1	8.4	11.3	8.8	
						2	23.62	1417	85.02		160.4	13.9	80.2	14.1	53.5	14.3	40.1	14.4	32.1	14.6	21.4	15.0	16.0	15.4	
						3	28.00	1680	100.80		190.2	19.3	95.1	19.5	63.4	19.6	47.5	19.8	38.0	20.0	25.4	20.4	19.0	20.8	

B00M	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		
MOD. 54 \ 62	Verde	Green	Vert	Grün	Verde	1	9.23	554	33.24	2.03	57.3	3.2	28.7	3.4	19.1	3.6	14.3	3.7	11.5	3.9	7.6	4.3	5.7	4.7	
						2	13.25	795	47.70		82.2	6.2	41.1	6.4	27.4	6.5	20.6	6.7	16.4	6.9	11.0	7.3	8.2	7.7	
						3	15.71	942.4	56.54		97.5	8.7	48.7	8.9	32.5	9.0	24.4	9.2	19.5	9.4	13.0	9.8	9.7	10.2	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	11.10	666	39.96	2.03	68.9	4.1	34.4	4.2	23.0	4.4	17.2	4.6	13.8	4.7	9.2	5.2	6.9	5.6	
						2	15.49	929.4	55.76		96.1	7.6	48.1	7.7	32.0	7.9	24.0	8.1	19.2	8.2	12.8	8.6	9.6	9.1	
						3	19.07	1144	68.64		118.3	11.1	59.2	11.2	39.4	11.4	29.6	11.6	23.7	11.7	15.8	12.2	11.8	12.6	
	Rosso	Red	Rouge	Rot	Rojo	1	13.34	800.4	48.02	2.03	82.8	5.3	41.4	5.4	27.6	5.6	20.7	5.8	16.6	5.9	11.0	6.3	8.3	6.8	
						2	18.48	1108.6	66.52		114.7	9.6	57.3	9.8	38.2	10.0	28.7	10.1	22.9	10.3	15.3	10.7	11.5	11.1	
						3	22.43	1345.6	80.74		139.2	13.9	69.6	14.0	46.4	14.2	34.8	14.4	27.8	14.5	18.6	14.9	13.9	15.4	
	Nero	Black	Noir	Schwarz	Negro	1	18.57	1114	66.84	2.03	115.2	8.7	57.6	8.9	38.4	9.0	28.8	9.2	23.0	9.4	15.4	9.8	11.5	10.2	
						2	26.32	1579	94.74		163.3	16.5	81.7	16.7	54.4	16.9	40.8	17.0	32.7	17.2	21.8	17.6	16.3	18.0	
						3	31.20	1872	112.32		193.7	22.9	96.8	23.0	64.6	23.2	48.4	23.4	38.7	23.5	25.8	24.0	19.4	24.4	
	MOD. 61 \ 70	Verde	Green	Vert	Grün	Verde	1	10.13	608	36.48	2.31	55.3	3.6	27.6	3.8	18.4	4.0	13.8	4.1	11.1	4.3	7.4	4.7	5.5	5.1
							2	14.55	873	52.38		79.4	7.0	39.7	7.1	26.5	7.3	19.8	7.5	15.9	7.6	10.6	8.0	7.9	8.5
							3	17.25	1034.8	62.09		94.1	9.7	47.0	9.9	31.4	10.1	23.5	10.2	18.8	10.4	12.5	10.8	9.4	11.2
Giallo		Yellow	Jaune	Gelb	Amarillo	1	12.20	732	43.92	2.31	66.5	4.6	33.3	4.8	22.2	5.0	16.6	5.1	13.3	5.3	8.9	5.7	6.7	6.1	
						2	17.03	1021.8	61.31		92.9	8.6	46.4	8.8	31.0	8.9	23.2	9.1	18.6	9.3	12.4	9.7	9.3	10.1	
						3	20.97	1258	75.48		114.4	12.6	57.2	12.8	38.1	12.9	28.6	13.1	22.9	13.3	15.2	13.7	11.4	14.1	
Rosso		Red	Rouge	Rot	Rojo	1	14.68	880.8	52.85	2.31	80.1	6.0	40.0	6.2	26.7	6.4	20.0	6.5	16.0	6.7	10.7	7.1	8.0	7.5	
						2	20.34	1220.2	73.21		110.9	11.1	55.5	11.3	37.0	11.4	27.7	11.6	22.2	11.8	14.8	12.2	11.1	12.6	
						3	24.69	1481.2	88.87		134.7	15.9	67.3	16.1	44.9	16.3	33.7	16.4	26.9	16.6	18.0	17.0	13.5	17.4	
Nero		Black	Noir	Schwarz	Negro	1	20.47	1228	73.68	2.31	111.6	10.2	55.8	10.4	37.2	10.5	27.9	10.7	22.3	10.9	14.9	11.3	11.2	11.7	
						2	29.02	1741	104.46		158.3	19.4	79.1	19.6	52.8	19.7	39.6	19.9	31.7	20.1	21.1	20.5	15.8	20.9	
						3	34.40	2064	123.84		187.6	26.8	93.8	26.9	62.5	27.1	46.9	27.3	37.5	27.4	25.0	27.9	18.8	28.3	