

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							
												mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR						
MOD.	42	50	HA	lt/sec	lt/min	mc/h	HA	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR										
				MOD.	42	50		1.38	Verde	Green	Vert	Grün	Verde	1	7.43	446	26.76	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										
1	8.90	534	32.04			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												
1	10.66	639.6	38.38			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												
1	14.77	886	53.16		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	1.59	Verde	Green	Vert	Grün	Verde	1	8.33	500	30.00	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										
		1	10.00	600	36.00	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												
		1	12.00	720	43.20	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	1	lt/sec	lt/min	mc/h	HA	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR		
MOD. 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	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	5.2	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	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	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			