

MONSOON

THE COST EFFICIENT IRRIGATORS

Hose Reel Boom Performance Chart

14-38 🌿 Diam PE Hose – 100 🌿 Mt Length PE Hose – 220

BOOM	Nozzle					ATM	Total capacity			Irrigated area Surface HA	SPEED MT/H , RATE AND INLET PRESSURE													
							lt/sec	lt/min	mc/h		10		20		30		40		50		75		100	
	mm	BAR	mm	BAR	mm		BAR	mm	BAR		mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR				
MOD. 14	Verde	Green	Vert	Grün	Verde	1	3.53	212	12.72	0.40	70.7	1.3	35.3	1.5	23.6	1.6	17.7	1.8	14.1	2.0	9.4	2.4	7.1	2.8
						2	5.02	301	18.06		100.3	2.4	50.2	2.6	33.4	2.8	25.1	2.9	20.1	3.1	13.4	3.5	10.0	3.9
						3	5.95	357.2	21.43		119.1	3.5	59.5	3.7	39.7	3.8	29.8	4.0	23.8	4.2	15.9	4.6	11.9	5.0
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.13	248	14.88	0.40	82.7	1.3	41.3	1.5	27.6	1.7	20.7	1.8	16.5	2.0	11.0	2.4	8.3	2.8
						2	5.74	344.2	20.65		114.7	2.5	57.4	2.7	38.2	2.8	28.7	3.0	22.9	3.2	15.3	3.6	11.5	4.0
						3	7.03	422	25.32		140.7	3.6	70.3	3.8	46.9	4.0	35.2	4.1	28.1	4.3	18.8	4.7	14.1	5.1
	Rosso	Red	Rouge	Rot	Rojo	1	4.85	291.2	17.47	0.40	97.1	1.4	48.5	1.6	32.4	1.7	24.3	1.9	19.4	2.1	12.9	2.5	9.7	2.9
						2	6.70	401.8	24.11		133.9	2.6	67.0	2.8	44.6	2.9	33.5	3.1	26.8	3.3	17.9	3.7	13.4	4.1
						3	8.11	486.8	29.21		162.3	3.8	81.1	3.9	54.1	4.1	40.6	4.3	32.5	4.4	21.6	4.9	16.2	5.3
	Nero	Black	Noir	Schwarz	Negro	1	6.53	392	23.52	0.40	130.7	1.6	65.3	1.7	43.6	1.9	32.7	2.1	26.1	2.2	17.4	2.7	13.1	3.1
						2	9.22	553	33.18		184.3	2.9	92.2	3.1	61.4	3.3	46.1	3.4	36.9	3.6	24.6	4.0	18.4	4.4
						3	10.93	656	39.36		218.7	4.2	109.3	4.4	72.9	4.6	54.7	4.7	43.7	4.9	29.2	5.3	21.9	5.7
MOD. 20	Verde	Green	Vert	Grün	Verde	1	3.83	230	13.80	0.53	57.5	1.3	28.8	1.5	19.2	1.7	14.4	1.8	11.5	2.0	7.7	2.4	5.8	2.8
						2	5.45	327	19.62		81.8	2.5	40.9	2.6	27.3	2.8	20.4	3.0	16.4	3.1	10.9	3.5	8.2	4.0
						3	6.47	388	23.28		97.0	3.6	48.5	3.7	32.3	3.9	24.3	4.1	19.4	4.2	12.9	4.7	9.7	5.1
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.50	270	16.20	0.53	67.5	1.4	33.8	1.5	22.5	1.7	16.9	1.9	13.5	2.0	9.0	2.5	6.8	2.9
						2	6.25	375	22.50		93.8	2.5	46.9	2.7	31.3	2.9	23.4	3.0	18.8	3.2	12.5	3.6	9.4	4.0
						3	7.67	460	27.60		115.0	3.7	57.5	3.9	38.3	4.1	28.8	4.2	23.0	4.4	15.3	4.8	11.5	5.2
	Rosso	Red	Rouge	Rot	Rojo	1	5.30	318	19.08	0.53	79.5	1.4	39.8	1.6	26.5	1.8	19.9	1.9	15.9	2.1	10.6	2.5	8.0	2.9
						2	7.32	439	26.34		109.8	2.7	54.9	2.8	36.6	3.0	27.4	3.2	22.0	3.3	14.6	3.8	11.0	4.2
						3	8.87	532	31.92		133.0	3.9	66.5	4.1	44.3	4.2	33.3	4.4	26.6	4.6	17.7	5.0	13.3	5.4
	Nero	Black	Noir	Schwarz	Negro	1	7.17	430	25.80	0.53	107.5	1.7	53.8	1.8	35.8	2.0	26.9	2.2	21.5	2.3	14.3	2.7	10.8	3.2
						2	10.12	607	36.42		151.8	3.1	75.9	3.3	50.6	3.4	37.9	3.6	30.4	3.8	20.2	4.2	15.2	4.6
						3	12.00	720	43.20		180.0	4.4	90.0	4.6	60.0	4.8	45.0	4.9	36.0	5.1	24.0	5.5	18.0	5.9

B00M	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	mm	BAR	mm	BAR					
MOD. 34 \ 26	Verde	Green	Vert	Grün	Verde	1	4.73	284	17.04	0.66	56.8	1.4	28.4	1.6	18.9	1.7	14.2	1.9	11.4	2.1	7.6	2.5	5.7	2.9	
						2	6.75	405	24.30		81.0	2.6	40.5	2.8	27.0	2.9	20.3	3.1	16.2	3.3	10.8	3.7	8.1	4.1	
						3	8.01	480.4	28.82		96.1	3.8	48.0	3.9	32.0	4.1	24.0	4.3	19.2	4.4	12.8	4.8	9.6	5.3	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	5.60	336	20.16	0.66	67.2	1.5	33.6	1.6	22.4	1.8	16.8	2.0	13.4	2.1	9.0	2.6	6.7	3.0	
						2	7.79	467.4	28.04		93.5	2.7	46.7	2.9	31.2	3.1	23.4	3.2	18.7	3.4	12.5	3.8	9.3	4.2	
						3	9.57	574	34.44		114.8	4.0	57.4	4.2	38.3	4.3	28.7	4.5	23.0	4.7	15.3	5.1	11.5	5.5	
	Rosso	Red	Rouge	Rot	Rojo	1	6.64	398.4	23.90	0.66	79.7	1.6	39.8	1.8	26.6	1.9	19.9	2.1	15.9	2.3	10.6	2.7	8.0	3.1	
						2	9.18	550.6	33.04		110.1	2.9	55.1	3.1	36.7	3.3	27.5	3.4	22.0	3.6	14.7	4.0	11.0	4.4	
						3	11.13	667.6	40.06		133.5	4.3	66.8	4.4	44.5	4.6	33.4	4.8	26.7	4.9	17.8	5.3	13.4	5.8	
	Nero	Black	Noir	Schwarz	Negro	1	9.07	544	32.64	0.66	108.8	1.9	54.4	2.1	36.3	2.3	27.2	2.4	21.8	2.6	14.5	3.0	10.9	3.4	
						2	12.82	769	46.14		153.8	3.6	76.9	3.8	51.3	3.9	38.5	4.1	30.8	4.3	20.5	4.7	15.4	5.1	
						3	15.20	912	54.72		182.4	5.1	91.2	5.3	60.8	5.5	45.6	5.6	36.5	5.8	24.3	6.2	18.2	6.6	
	MOD. 39 \ 30	Verde	Green	Vert	Grün	Verde	1	5.63	338	20.28	0.77	57.9	1.5	29.0	1.6	19.3	1.8	14.5	2.0	11.6	2.1	7.7	2.6	5.8	3.0
							2	8.05	483	28.98		82.8	2.8	41.4	2.9	27.6	3.1	20.7	3.3	16.6	3.4	11.0	3.9	8.3	4.3
							3	9.55	572.8	34.37		98.2	4.0	49.1	4.2	32.7	4.3	24.5	4.5	19.6	4.7	13.1	5.1	9.8	5.5
Giallo		Yellow	Jaune	Gelb	Amarillo	1	6.70	402	24.12	0.77	68.9	1.6	34.5	1.8	23.0	1.9	17.2	2.1	13.8	2.3	9.2	2.7	6.9	3.1	
						2	9.33	559.8	33.59		96.0	3.0	48.0	3.1	32.0	3.3	24.0	3.5	19.2	3.6	12.8	4.0	9.6	4.5	
						3	11.47	688	41.28		117.9	4.3	59.0	4.5	39.3	4.7	29.5	4.8	23.6	5.0	15.7	5.4	11.8	5.8	
Rosso		Red	Rouge	Rot	Rojo	1	7.98	478.8	28.73	0.77	82.1	1.8	41.0	1.9	27.4	2.1	20.5	2.3	16.4	2.4	10.9	2.8	8.2	3.3	
						2	11.04	662.2	39.73		113.5	3.2	56.8	3.4	37.8	3.6	28.4	3.7	22.7	3.9	15.1	4.3	11.4	4.7	
						3	13.39	803.2	48.19		137.7	4.7	68.8	4.9	45.9	5.0	34.4	5.2	27.5	5.4	18.4	5.8	13.8	6.2	
Nero		Black	Noir	Schwarz	Negro	1	10.97	658	39.48	0.77	112.8	2.2	56.4	2.4	37.6	2.6	28.2	2.7	22.6	2.9	15.0	3.3	11.3	3.7	
						2	15.52	931	55.86		159.6	4.2	79.8	4.4	53.2	4.5	39.9	4.7	31.9	4.9	21.3	5.3	16.0	5.7	
						3	18.40	1104	66.24		189.3	6.0	94.6	6.1	63.1	6.3	47.3	6.5	37.9	6.6	25.2	7.0	18.9	7.5	
MOD. 46 \ 38	Verde	Green	Vert	Grün	Verde	1	6.53	392	23.52	0.92	56.0	1.6	28.0	1.7	18.7	1.9	14.0	2.1	11.2	2.2	7.5	2.7	5.6	3.1	
						2	9.35	561	33.66		80.1	3.0	40.1	3.1	26.7	3.3	20.0	3.5	16.0	3.6	10.7	4.0	8.0	4.5	
						3	11.09	665.2	39.91		95.0	4.3	47.5	4.4	31.7	4.6	23.8	4.8	19.0	4.9	12.7	5.3	9.5	5.8	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	7.80	468	28.08	0.92	66.9	1.7	33.4	1.9	22.3	2.1	16.7	2.2	13.4	2.4	8.9	2.8	6.7	3.2	
						2	10.87	652.2	39.13		93.2	3.2	46.6	3.4	31.1	3.6	23.3	3.7	18.6	3.9	12.4	4.3	9.3	4.7	
						3	13.37	802	48.12		114.6	4.7	57.3	4.9	38.2	5.0	28.6	5.2	22.9	5.4	15.3	5.8	11.5	6.2	
	Rosso	Red	Rouge	Rot	Rojo	1	9.32	559.2	33.55	0.92	79.9	2.0	39.9	2.1	26.6	2.3	20.0	2.5	16.0	2.6	10.7	3.0	8.0	3.5	
						2	12.90	773.8	46.43		110.5	3.6	55.3	3.8	36.8	3.9	27.6	4.1	22.1	4.3	14.7	4.7	11.1	5.1	
						3	15.65	938.8	56.33		134.1	5.2	67.1	5.4	44.7	5.6	33.5	5.7	26.8	5.9	17.9	6.3	13.4	6.7	
	Nero	Black	Noir	Schwarz	Negro	1	12.87	772	46.32	0.92	110.3	2.6	55.1	2.8	36.8	2.9	27.6	3.1	22.1	3.3	14.7	3.7	11.0	4.1	
						2	18.22	1093	65.58		156.1	4.9	78.1	5.1	52.0	5.2	39.0	5.4	31.2	5.6	20.8	6.0	15.6	6.4	
						3	21.60	1296	77.76		185.1	6.9	92.6	7.1	61.7	7.3	46.3	7.4	37.0	7.6	24.7	8.0	18.5	8.4	