

# MONSOON

THE COST EFFICIENT IRRIGATORS

## Hose Reel Boom Performance Chart

**14-38 🌱 Diam PE Hose – 63 🌱 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	
											lt/sec	lt/min	mc/h	HA	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR
MOD. 22	Verde	Green	Vert	Grün	Verde	1	3.53	212	12.72	0.54	70.7	2.9	35.3	3.0	23.6	3.2	17.7	3.4	14.1	3.5	9.4	3.9	7.1	4.4
						2	5.02	301	18.06		100.3	5.4	50.2	5.6	33.4	5.8	25.1	5.9	20.1	6.1	13.4	6.5	10.0	6.9
						3	5.95	357.2	21.43		119.1	7.6	59.5	7.8	39.7	8.0	29.8	8.1	23.8	8.3	15.9	8.7	11.9	9.1
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.13	248	14.88	0.54	82.7	3.4	41.3	3.6	27.6	3.8	20.7	3.9	16.5	4.1	11.0	4.5	8.3	4.9
						2	5.74	344.2	20.65		114.7	6.3	57.4	6.5	38.2	6.7	28.7	6.8	22.9	7.0	15.3	7.4	11.5	7.8
						3	7.03	422	25.32		140.7	9.2	70.3	9.4	46.9	9.6	35.2	9.7	28.1	9.9	18.8	10.3	14.1	10.7
	Rosso	Red	Rouge	Rot	Rojo	1	4.85	291.2	17.47	0.54	97.1	4.2	48.5	4.4	32.4	4.6	24.3	4.7	19.4	4.9	12.9	5.3	9.7	5.7
						2	6.70	401.8	24.11		133.9	7.7	67.0	7.9	44.6	8.0	33.5	8.2	26.8	8.4	17.9	8.8	13.4	9.2
						3	8.11	486.8	29.21		162.3	11.1	81.1	11.3	54.1	11.4	40.6	11.6	32.5	11.8	21.6	12.2	16.2	12.6
Nero	Black	Noir	Schwarz	Negro	1	6.53	392	23.52	0.54	130.7	6.5	65.3	6.6	43.6	6.8	32.7	7.0	26.1	7.1	17.4	7.6	13.1	8.0	
					2	9.22	553	33.18		184.3	12.2	92.2	12.4	61.4	12.5	46.1	12.7	36.9	12.9	24.6	13.3	18.4	13.7	
					3	10.93	656	39.36		218.7	16.9	109.3	17.1	72.9	17.3	54.7	17.4	43.7	17.6	29.2	18.0	21.9	18.4	
MOD. 28	Verde	Green	Vert	Grün	Verde	1	3.83	230	13.80	0.72	57.5	3.1	28.8	3.3	19.2	3.5	14.4	3.6	11.5	3.8	7.7	4.2	5.8	4.6
						2	5.45	327	19.62		81.8	6.0	40.9	6.1	27.3	6.3	20.4	6.5	16.4	6.6	10.9	7.0	8.2	7.5
						3	6.47	388	23.28		97.0	8.4	48.5	8.5	32.3	8.7	24.3	8.9	19.4	9.0	12.9	9.5	9.7	9.9
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.50	270	16.20	0.72	67.5	3.8	33.8	4.0	22.5	4.2	16.9	4.3	13.5	4.5	9.0	4.9	6.8	5.3
						2	6.25	375	22.50		93.8	7.1	46.9	7.2	31.3	7.4	23.4	7.6	18.8	7.7	12.5	8.1	9.4	8.6
						3	7.67	460	27.60		115.0	10.3	57.5	10.5	38.3	10.6	28.8	10.8	23.0	11.0	15.3	11.4	11.5	11.8
	Rosso	Red	Rouge	Rot	Rojo	1	5.30	318	19.08	0.72	79.5	4.8	39.8	4.9	26.5	5.1	19.9	5.3	15.9	5.4	10.6	5.8	8.0	6.3
						2	7.32	439	26.34		109.8	8.7	54.9	8.9	36.6	9.0	27.4	9.2	22.0	9.4	14.6	9.8	11.0	10.2
						3	8.87	532	31.92		133.0	12.5	66.5	12.7	44.3	12.8	33.3	13.0	26.6	13.2	17.7	13.6	13.3	14.0
	Nero	Black	Noir	Schwarz	Negro	1	7.17	430	25.80	0.72	107.5	7.5	53.8	7.6	35.8	7.8	26.9	8.0	21.5	8.1	14.3	8.5	10.8	9.0
						2	10.12	607	36.42		151.8	14.1	75.9	14.2	50.6	14.4	37.9	14.6	30.4	14.7	20.2	15.2	15.2	15.6
						3	12.00	720	43.20		180.0	19.5	90.0	19.7	60.0	19.8	45.0	20.0	36.0	20.2	24.0	20.6	18.0	21.0

B00M	Nozzle					ATM	Total capacity			Irrigated area Surface	SPEED MT/H , RATE AND INLET PRESSURE													
											10		20		30		40		50		75		100	
											lt/sec	lt/min	mc/h	HA	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR
MOD.	Verde	Green	Vert	Grün	Verde	1	4.73	284	17.04	0.90	56.8	4.1	28.4	4.3	18.9	4.4	14.2	4.6	11.4	4.8	7.6	5.2	5.7	5.6
						2	6.75	405	24.30		81.0	7.8	40.5	8.0	27.0	8.1	20.3	8.3	16.2	8.5	10.8	8.9	8.1	9.3
						3	8.01	480.4	28.82		96.1	10.9	48.0	11.1	32.0	11.2	24.0	11.4	19.2	11.6	12.8	12.0	9.6	12.4
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	5.60	336	20.16	0.90	67.2	5.2	33.6	5.3	22.4	5.5	16.8	5.7	13.4	5.8	9.0	6.2	6.7	6.7
						2	7.79	467.4	28.04		93.5	9.5	46.7	9.7	31.2	9.8	23.4	10.0	18.7	10.2	12.5	10.6	9.3	11.0
						3	9.57	574	34.44		114.8	13.9	57.4	14.1	38.3	14.2	28.7	14.4	23.0	14.6	15.3	15.0	11.5	15.4
	Rosso	Red	Rouge	Rot	Rojo	1	6.64	398.4	23.90	0.90	79.7	6.6	39.8	6.8	26.6	7.0	19.9	7.1	15.9	7.3	10.6	7.7	8.0	8.1
						2	9.18	550.6	33.04		110.1	12.1	55.1	12.3	36.7	12.4	27.5	12.6	22.0	12.8	14.7	13.2	11.0	13.6
						3	11.13	667.6	40.06		133.5	17.4	66.8	17.5	44.5	17.7	33.4	17.9	26.7	18.0	17.8	18.5	13.4	18.9
	Nero	Black	Noir	Schwarz	Negro	1	9.07	544	32.64	0.90	108.8	10.9	54.4	11.1	36.3	11.2	27.2	11.4	21.8	11.6	14.5	12.0	10.9	12.4
						2	12.82	769	46.14		153.8	20.6	76.9	20.8	51.3	21.0	38.5	21.1	30.8	21.3	20.5	21.7	15.4	22.1
						3	15.20	912	54.72		182.4	28.5	91.2	28.7	60.8	28.8	45.6	29.0	36.5	29.2	24.3	29.6	18.2	30.0
MOD.	Verde	Green	Vert	Grün	Verde	1	5.63	338	20.28	1.05	57.9	5.2	29.0	5.4	19.3	5.5	14.5	5.7	11.6	5.9	7.7	6.3	5.8	6.7
						2	8.05	483	28.98		82.8	10.0	41.4	10.1	27.6	10.3	20.7	10.5	16.6	10.6	11.0	11.1	8.3	11.5
						3	9.55	572.8	34.37		98.2	13.9	49.1	14.0	32.7	14.2	24.5	14.4	19.6	14.5	13.1	15.0	9.8	15.4
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	6.70	402	24.12	1.05	68.9	6.7	34.5	6.9	23.0	7.1	17.2	7.2	13.8	7.4	9.2	7.8	6.9	8.2
						2	9.33	559.8	33.59		96.0	12.4	48.0	12.6	32.0	12.8	24.0	12.9	19.2	13.1	12.8	13.5	9.6	13.9
						3	11.47	688	41.28		117.9	18.2	59.0	18.4	39.3	18.5	29.5	18.7	23.6	18.9	15.7	19.3	11.8	19.7
	Rosso	Red	Rouge	Rot	Rojo	1	7.98	478.8	28.73	1.05	82.1	8.8	41.0	9.0	27.4	9.2	20.5	9.3	16.4	9.5	10.9	9.9	8.2	10.3
						2	11.04	662.2	39.73		113.5	16.2	56.8	16.3	37.8	16.5	28.4	16.7	22.7	16.8	15.1	17.2	11.4	17.7
						3	13.39	803.2	48.19		137.7	23.2	68.8	23.3	45.9	23.5	34.4	23.7	27.5	23.8	18.4	24.3	13.8	24.7
	Nero	Black	Noir	Schwarz	Negro	1	10.97	658	39.48	1.05	112.8	15.0	56.4	15.2	37.6	15.3	28.2	15.5	22.6	15.7	15.0	16.1	11.3	16.5
						2	15.52	931	55.86		159.6	28.5	79.8	28.6	53.2	28.8	39.9	29.0	31.9	29.1	21.3	29.6	16.0	30.0
						3	18.40	1104	66.24		189.3	39.2	94.6	39.4	63.1	39.6	47.3	39.7	37.9	39.9	25.2	40.3	18.9	40.7
MOD.	Verde	Green	Vert	Grün	Verde	1	6.53	392	23.52	1.26	56.0	6.5	28.0	6.6	18.7	6.8	14.0	7.0	11.2	7.1	7.5	7.6	5.6	8.0
						2	9.35	561	33.66		80.1	12.5	40.1	12.6	26.7	12.8	20.0	13.0	16.0	13.1	10.7	13.5	8.0	14.0
						3	11.09	665.2	39.91		95.0	17.3	47.5	17.5	31.7	17.6	23.8	17.8	19.0	18.0	12.7	18.4	9.5	18.8
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	7.80	468	28.08	1.26	66.9	8.5	33.4	8.7	22.3	8.9	16.7	9.0	13.4	9.2	8.9	9.6	6.7	10.0
						2	10.87	652.2	39.13		93.2	15.8	46.6	15.9	31.1	16.1	23.3	16.3	18.6	16.4	12.4	16.9	9.3	17.3
						3	13.37	802	48.12		114.6	23.1	57.3	23.3	38.2	23.5	28.6	23.6	22.9	23.8	15.3	24.2	11.5	24.6
	Rosso	Red	Rouge	Rot	Rojo	1	9.32	559.2	33.55	1.26	79.9	11.4	39.9	11.6	26.6	11.7	20.0	11.9	16.0	12.1	10.7	12.5	8.0	12.9
						2	12.90	773.8	46.43		110.5	20.8	55.3	21.0	36.8	21.2	27.6	21.3	22.1	21.5	14.7	21.9	11.1	22.3
						3	15.65	938.8	56.33		134.1	29.9	67.1	30.1	44.7	30.2	33.5	30.4	26.8	30.6	17.9	31.0	13.4	31.4
	Nero	Black	Noir	Schwarz	Negro	1	12.87	772	46.32	1.26	110.3	19.8	55.1	19.9	36.8	20.1	27.6	20.3	22.1	20.4	14.7	20.8	11.0	21.3
						2	18.22	1093	65.58		156.1	37.6	78.1	37.7	52.0	37.9	39.0	38.1	31.2	38.2	20.8	38.7	15.6	39.1
						3	21.60	1296	77.76		185.1	51.7	92.6	51.9	61.7	52.0	46.3	52.2	37.0	52.4	24.7	52.8	18.5	53.2