

# MONSOON

THE COST EFFICIENT IRRIGATORS

## Hose Reel Boom Performance Chart

**14-38 🌿 Diam PE Hose – 90 🌿 Mt Length PE Hose – 300**

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	mm	BAR	mm	BAR	mm	BAR				
MOD. 22	Verde	Green	Vert	Grün	Verde	1	3.53	212	12.72	0.63	70.7	1.5	35.3	1.7	23.6	1.8	17.7	2.0	14.1	2.2	9.4	2.6	7.1	3.0
						2	5.02	301	18.06		100.3	2.8	50.2	3.0	33.4	3.2	25.1	3.3	20.1	3.5	13.4	3.9	10.0	4.3
						3	5.95	357.2	21.43		119.1	4.1	59.5	4.2	39.7	4.4	29.8	4.6	23.8	4.7	15.9	5.2	11.9	5.6
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.13	248	14.88	0.63	82.7	1.6	41.3	1.8	27.6	2.0	20.7	2.1	16.5	2.3	11.0	2.7	8.3	3.1
						2	5.74	344.2	20.65		114.7	3.0	57.4	3.2	38.2	3.4	28.7	3.5	22.9	3.7	15.3	4.1	11.5	4.5
						3	7.03	422	25.32		140.7	4.4	70.3	4.6	46.9	4.7	35.2	4.9	28.1	5.1	18.8	5.5	14.1	5.9
	Rosso	Red	Rouge	Rot	Rojo	1	4.85	291.2	17.47	0.63	97.1	1.8	48.5	2.0	32.4	2.1	24.3	2.3	19.4	2.5	12.9	2.9	9.7	3.3
						2	6.70	401.8	24.11		133.9	3.3	67.0	3.5	44.6	3.6	33.5	3.8	26.8	4.0	17.9	4.4	13.4	4.8
						3	8.11	486.8	29.21		162.3	4.8	81.1	5.0	54.1	5.1	40.6	5.3	32.5	5.5	21.6	5.9	16.2	6.3
Nero	Black	Noir	Schwarz	Negro	1	6.53	392	23.52	0.63	130.7	2.3	65.3	2.4	43.6	2.6	32.7	2.8	26.1	2.9	17.4	3.3	13.1	3.8	
					2	9.22	553	33.18		184.3	4.2	92.2	4.4	61.4	4.6	46.1	4.7	36.9	4.9	24.6	5.3	18.4	5.7	
					3	10.93	656	39.36		218.7	6.0	109.3	6.2	72.9	6.3	54.7	6.5	43.7	6.7	29.2	7.1	21.9	7.5	
MOD. 28	Verde	Green	Vert	Grün	Verde	1	3.83	230	13.80	0.84	57.5	1.6	28.8	1.7	19.2	1.9	14.4	2.1	11.5	2.2	7.7	2.7	5.8	3.1
						2	5.45	327	19.62		81.8	2.9	40.9	3.1	27.3	3.3	20.4	3.4	16.4	3.6	10.9	4.0	8.2	4.4
						3	6.47	388	23.28		97.0	4.2	48.5	4.4	32.3	4.6	24.3	4.7	19.4	4.9	12.9	5.3	9.7	5.7
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.50	270	16.20	0.84	67.5	1.7	33.8	1.9	22.5	2.0	16.9	2.2	13.5	2.4	9.0	2.8	6.8	3.2
						2	6.25	375	22.50		93.8	3.2	46.9	3.3	31.3	3.5	23.4	3.7	18.8	3.8	12.5	4.3	9.4	4.7
						3	7.67	460	27.60		115.0	4.6	57.5	4.8	38.3	5.0	28.8	5.1	23.0	5.3	15.3	5.7	11.5	6.1
	Rosso	Red	Rouge	Rot	Rojo	1	5.30	318	19.08	0.84	79.5	1.9	39.8	2.1	26.5	2.2	19.9	2.4	15.9	2.6	10.6	3.0	8.0	3.4
						2	7.32	439	26.34		109.8	3.5	54.9	3.7	36.6	3.8	27.4	4.0	22.0	4.2	14.6	4.6	11.0	5.0
						3	8.87	532	31.92		133.0	5.1	66.5	5.3	44.3	5.4	33.3	5.6	26.6	5.8	17.7	6.2	13.3	6.6
	Nero	Black	Noir	Schwarz	Negro	1	7.17	430	25.80	0.84	107.5	2.5	53.8	2.6	35.8	2.8	26.9	3.0	21.5	3.1	14.3	3.5	10.8	4.0
						2	10.12	607	36.42		151.8	4.6	75.9	4.8	50.6	4.9	37.9	5.1	30.4	5.3	20.2	5.7	15.2	6.1
						3	12.00	720	43.20		180.0	6.5	90.0	6.7	60.0	6.9	45.0	7.0	36.0	7.2	24.0	7.6	18.0	8.0

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	mm	BAR				
MOD. 34 \ 26	Verde	Green	Vert	Grün	Verde	1	4.73	284	17.04	1.05	56.8	1.8	28.4	1.9	18.9	2.1	14.2	2.3	11.4	2.4	7.6	2.8	5.7	3.3
						2	6.75	405	24.30		81.0	3.3	40.5	3.5	27.0	3.7	20.3	3.8	16.2	4.0	10.8	4.4	8.1	4.8
						3	8.01	480.4	28.82		96.1	4.8	48.0	4.9	32.0	5.1	24.0	5.3	19.2	5.4	12.8	5.8	9.6	6.3
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	5.60	336	20.16	1.05	67.2	2.0	33.6	2.2	22.4	2.3	16.8	2.5	13.4	2.7	9.0	3.1	6.7	3.5
						2	7.79	467.4	28.04		93.5	3.7	46.7	3.8	31.2	4.0	23.4	4.2	18.7	4.3	12.5	4.8	9.3	5.2
						3	9.57	574	34.44		114.8	5.4	57.4	5.5	38.3	5.7	28.7	5.9	23.0	6.0	15.3	6.5	11.5	6.9
	Rosso	Red	Rouge	Rot	Rojo	1	6.64	398.4	23.90	1.05	79.7	2.3	39.8	2.5	26.6	2.6	19.9	2.8	15.9	3.0	10.6	3.4	8.0	3.8
						2	9.18	550.6	33.04		110.1	4.2	55.1	4.4	36.7	4.5	27.5	4.7	22.0	4.9	14.7	5.3	11.0	5.7
						3	11.13	667.6	40.06		133.5	6.1	66.8	6.3	44.5	6.4	33.4	6.6	26.7	6.8	17.8	7.2	13.4	7.6
	Nero	Black	Noir	Schwarz	Negro	1	9.07	544	32.64	1.05	108.8	3.2	54.4	3.3	36.3	3.5	27.2	3.7	21.8	3.8	14.5	4.2	10.9	4.7
						2	12.82	769	46.14		153.8	6.0	76.9	6.1	51.3	6.3	38.5	6.5	30.8	6.6	20.5	7.0	15.4	7.5
						3	15.20	912	54.72		182.4	8.4	91.2	8.5	60.8	8.7	45.6	8.9	36.5	9.0	24.3	9.5	18.2	9.9
MOD. 39 \ 30	Verde	Green	Vert	Grün	Verde	1	5.63	338	20.28	1.23	57.9	2.0	29.0	2.2	19.3	2.3	14.5	2.5	11.6	2.7	7.7	3.1	5.8	3.5
						2	8.05	483	28.98		82.8	3.8	41.4	3.9	27.6	4.1	20.7	4.3	16.6	4.4	11.0	4.9	8.3	5.3
						3	9.55	572.8	34.37		98.2	5.4	49.1	5.5	32.7	5.7	24.5	5.9	19.6	6.0	13.1	6.4	9.8	6.9
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	6.70	402	24.12	1.23	68.9	2.3	34.5	2.5	23.0	2.6	17.2	2.8	13.8	3.0	9.2	3.4	6.9	3.8
						2	9.33	559.8	33.59		96.0	4.3	48.0	4.4	32.0	4.6	24.0	4.8	19.2	4.9	12.8	5.4	9.6	5.8
						3	11.47	688	41.28		117.9	6.3	59.0	6.4	39.3	6.6	29.5	6.8	23.6	6.9	15.7	7.3	11.8	7.8
	Rosso	Red	Rouge	Rot	Rojo	1	7.98	478.8	28.73	1.23	82.1	2.7	41.0	2.9	27.4	3.1	20.5	3.2	16.4	3.4	10.9	3.8	8.2	4.2
						2	11.04	662.2	39.73		113.5	5.0	56.8	5.2	37.8	5.4	28.4	5.5	22.7	5.7	15.1	6.1	11.4	6.5
						3	13.39	803.2	48.19		137.7	7.3	68.8	7.4	45.9	7.6	34.4	7.8	27.5	7.9	18.4	8.4	13.8	8.8
	Nero	Black	Noir	Schwarz	Negro	1	10.97	658	39.48	1.23	112.8	4.0	56.4	4.2	37.6	4.3	28.2	4.5	22.6	4.7	15.0	5.1	11.3	5.5
						2	15.52	931	55.86		159.6	7.6	79.8	7.7	53.2	7.9	39.9	8.1	31.9	8.2	21.3	8.7	16.0	9.1
						3	18.40	1104	66.24		189.3	10.6	94.6	10.7	63.1	10.9	47.3	11.1	37.9	11.2	25.2	11.7	18.9	12.1
MOD. 46 \ 38	Verde	Green	Vert	Grün	Verde	1	6.53	392	23.52	1.47	56.0	2.3	28.0	2.4	18.7	2.6	14.0	2.8	11.2	2.9	7.5	3.3	5.6	3.8
						2	9.35	561	33.66		80.1	4.3	40.1	4.4	26.7	4.6	20.0	4.8	16.0	4.9	10.7	5.4	8.0	5.8
						3	11.09	665.2	39.91		95.0	6.1	47.5	6.2	31.7	6.4	23.8	6.6	19.0	6.7	12.7	7.1	9.5	7.6
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	7.80	468	28.08	1.47	66.9	2.7	33.4	2.8	22.3	3.0	16.7	3.2	13.4	3.3	8.9	3.8	6.7	4.2
						2	10.87	652.2	39.13		93.2	5.0	46.6	5.1	31.1	5.3	23.3	5.5	18.6	5.6	12.4	6.0	9.3	6.5
						3	13.37	802	48.12		114.6	7.3	57.3	7.4	38.2	7.6	28.6	7.8	22.9	7.9	15.3	8.3	11.5	8.8
	Rosso	Red	Rouge	Rot	Rojo	1	9.32	559.2	33.55	1.47	79.9	3.3	39.9	3.4	26.6	3.6	20.0	3.8	16.0	3.9	10.7	4.4	8.0	4.8
						2	12.90	773.8	46.43		110.5	6.0	55.3	6.2	36.8	6.3	27.6	6.5	22.1	6.7	14.7	7.1	11.1	7.5
						3	15.65	938.8	56.33		134.1	8.7	67.1	8.8	44.7	9.0	33.5	9.2	26.8	9.3	17.9	9.7	13.4	10.2
	Nero	Black	Noir	Schwarz	Negro	1	12.87	772	46.32	1.47	110.3	5.0	55.1	5.2	36.8	5.3	27.6	5.5	22.1	5.7	14.7	6.1	11.0	6.5
						2	18.22	1093	65.58		156.1	9.4	78.1	9.6	52.0	9.8	39.0	9.9	31.2	10.1	20.8	10.5	15.6	10.9
						3	21.60	1296	77.76		185.1	13.1	92.6	13.3	61.7	13.5	46.3	13.6	37.0	13.8	24.7	14.2	18.5	14.6