

# MONSOON

THE COST EFFICIENT IRRIGATORS

## Hose Reel Boom Performance Chart

**14-38 🌿 Diam PE Hose – 75 🌿 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	
	Verde	Green	Vert	Grün	Verde	HA	lt/sec	lt/min	mc/h	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	0.54	70.7	1.9	35.3	2.1	23.6	2.2	17.7	2.4
	2	5.02	301	18.06	100.3	3.6						50.2	3.7	33.4	3.9		25.1	4.1	20.1	4.2	13.4	4.6	10.0	5.1
	3	5.95	357.2	21.43	119.1	5.1						59.5	5.2	39.7	5.4		29.8	5.6	23.8	5.7	15.9	6.2	11.9	6.6
	Giallo	Yellow	Jaune	Gelb	Amarillo	0.54	1	4.13	248	14.88	82.7	2.1	41.3	2.3	27.6	2.5	20.7	2.6	16.5	2.8	11.0	3.2	8.3	3.6
							2	5.74	344.2	20.65	114.7	3.9	57.4	4.1	38.2	4.3	28.7	4.4	22.9	4.6	15.3	5.0	11.5	5.4
							3	7.03	422	25.32	140.7	5.8	70.3	5.9	46.9	6.1	35.2	6.3	28.1	6.4	18.8	6.8	14.1	7.3
	Rosso	Red	Rouge	Rot	Rojo	0.54	1	4.85	291.2	17.47	97.1	2.5	48.5	2.6	32.4	2.8	24.3	3.0	19.4	3.1	12.9	3.6	9.7	4.0
							2	6.70	401.8	24.11	133.9	4.5	67.0	4.7	44.6	4.9	33.5	5.0	26.8	5.2	17.9	5.6	13.4	6.0
							3	8.11	486.8	29.21	162.3	6.6	81.1	6.7	54.1	6.9	40.6	7.1	32.5	7.2	21.6	7.6	16.2	8.1
	Nero	Black	Noir	Schwarz	Negro	0.54	1	6.53	392	23.52	130.7	3.4	65.3	3.6	43.6	3.8	32.7	3.9	26.1	4.1	17.4	4.5	13.1	4.9
							2	9.22	553	33.18	184.3	6.5	92.2	6.6	61.4	6.8	46.1	7.0	36.9	7.1	24.6	7.5	18.4	8.0
							3	10.93	656	39.36	218.7	9.1	109.3	9.2	72.9	9.4	54.7	9.6	43.7	9.7	29.2	10.1	21.9	10.6
MOD. 28	Verde	Green	Vert	Grün	Verde	0.72	1	3.83	230	13.80	57.5	2.0	28.8	2.2	19.2	2.3	14.4	2.5	11.5	2.7	7.7	3.1	5.8	3.5
							2	5.45	327	19.62	81.8	3.8	40.9	4.0	27.3	4.1	20.4	4.3	16.4	4.5	10.9	4.9	8.2	5.3
							3	6.47	388	23.28	97.0	5.4	48.5	5.6	32.3	5.7	24.3	5.9	19.4	6.1	12.9	6.5	9.7	6.9
	Giallo	Yellow	Jaune	Gelb	Amarillo	0.72	1	4.50	270	16.20	67.5	2.3	33.8	2.5	22.5	2.6	16.9	2.8	13.5	3.0	9.0	3.4	6.8	3.8
							2	6.25	375	22.50	93.8	4.3	46.9	4.4	31.3	4.6	23.4	4.8	18.8	4.9	12.5	5.3	9.4	5.8
							3	7.67	460	27.60	115.0	6.2	57.5	6.4	38.3	6.6	28.8	6.7	23.0	6.9	15.3	7.3	11.5	7.7
	Rosso	Red	Rouge	Rot	Rojo	0.72	1	5.30	318	19.08	79.5	2.7	39.8	2.9	26.5	3.0	19.9	3.2	15.9	3.4	10.6	3.8	8.0	4.2
							2	7.32	439	26.34	109.8	5.0	54.9	5.1	36.6	5.3	27.4	5.5	22.0	5.6	14.6	6.0	11.0	6.5
							3	8.87	532	31.92	133.0	7.2	66.5	7.3	44.3	7.5	33.3	7.7	26.6	7.8	17.7	8.2	13.3	8.7
	Nero	Black	Noir	Schwarz	Negro	0.72	1	7.17	430	25.80	107.5	3.9	53.8	4.0	35.8	4.2	26.9	4.4	21.5	4.5	14.3	4.9	10.8	5.4
							2	10.12	607	36.42	151.8	7.3	75.9	7.4	50.6	7.6	37.9	7.8	30.4	7.9	20.2	8.3	15.2	8.8
							3	12.00	720	43.20	180.0	10.2	90.0	10.3	60.0	10.5	45.0	10.7	36.0	10.8	24.0	11.2	18.0	11.7

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	mm	BAR	mm	BAR	mm	BAR					
MOD. 34 \ 26	Verde	Green	Vert	Grün	Verde	1	4.73	284	17.04	0.90	56.8	2.4	28.4	2.6	18.9	2.7	14.2	2.9	11.4	3.1	7.6	3.5	5.7	3.9	
						2	6.75	405	24.30		81.0	4.6	40.5	4.7	27.0	4.9	20.3	5.1	16.2	5.2	10.8	5.7	8.1	6.1	
						3	8.01	480.4	28.82		96.1	6.5	48.0	6.6	32.0	6.8	24.0	7.0	19.2	7.1	12.8	7.6	9.6	8.0	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	5.60	336	20.16	0.90	67.2	2.9	33.6	3.0	22.4	3.2	16.8	3.4	13.4	3.5	9.0	4.0	6.7	4.4	
						2	7.79	467.4	28.04		93.5	5.3	46.7	5.5	31.2	5.6	23.4	5.8	18.7	6.0	12.5	6.4	9.3	6.8	
						3	9.57	574	34.44		114.8	7.8	57.4	7.9	38.3	8.1	28.7	8.3	23.0	8.4	15.3	8.8	11.5	9.3	
	Rosso	Red	Rouge	Rot	Rojo	1	6.64	398.4	23.90	0.90	79.7	3.5	39.8	3.7	26.6	3.8	19.9	4.0	15.9	4.2	10.6	4.6	8.0	5.0	
						2	9.18	550.6	33.04		110.1	6.4	55.1	6.6	36.7	6.8	27.5	6.9	22.0	7.1	14.7	7.5	11.0	7.9	
						3	11.13	667.6	40.06		133.5	9.2	66.8	9.4	44.5	9.6	33.4	9.7	26.7	9.9	17.8	10.3	13.4	10.7	
	Nero	Black	Noir	Schwarz	Negro	1	9.07	544	32.64	0.90	108.8	5.3	54.4	5.5	36.3	5.7	27.2	5.8	21.8	6.0	14.5	6.4	10.9	6.8	
						2	12.82	769	46.14		153.8	10.1	76.9	10.2	51.3	10.4	38.5	10.6	30.8	10.7	20.5	11.1	15.4	11.6	
						3	15.20	912	54.72		182.4	14.0	91.2	14.2	60.8	14.3	45.6	14.5	36.5	14.7	24.3	15.1	18.2	15.5	
	MOD. 39 \ 30	Verde	Green	Vert	Grün	Verde	1	5.63	338	20.28	1.05	57.9	2.9	29.0	3.1	19.3	3.2	14.5	3.4	11.6	3.6	7.7	4.0	5.8	4.4
							2	8.05	483	28.98		82.8	5.5	41.4	5.7	27.6	5.8	20.7	6.0	16.6	6.2	11.0	6.6	8.3	7.0
							3	9.55	572.8	34.37		98.2	7.7	49.1	7.9	32.7	8.1	24.5	8.2	19.6	8.4	13.1	8.8	9.8	9.2
Giallo		Yellow	Jaune	Gelb	Amarillo	1	6.70	402	24.12	1.05	68.9	3.5	34.5	3.7	23.0	3.9	17.2	4.0	13.8	4.2	9.2	4.6	6.9	5.0	
						2	9.33	559.8	33.59		96.0	6.6	48.0	6.7	32.0	6.9	24.0	7.1	19.2	7.2	12.8	7.6	9.6	8.1	
						3	11.47	688	41.28		117.9	9.6	59.0	9.8	39.3	9.9	29.5	10.1	23.6	10.3	15.7	10.7	11.8	11.1	
Rosso		Red	Rouge	Rot	Rojo	1	7.98	478.8	28.73	1.05	82.1	4.5	41.0	4.6	27.4	4.8	20.5	5.0	16.4	5.1	10.9	5.5	8.2	6.0	
						2	11.04	662.2	39.73		113.5	8.2	56.8	8.3	37.8	8.5	28.4	8.7	22.7	8.8	15.1	9.2	11.4	9.7	
						3	13.39	803.2	48.19		137.7	11.7	68.8	11.9	45.9	12.1	34.4	12.2	27.5	12.4	18.4	12.8	13.8	13.2	
Nero		Black	Noir	Schwarz	Negro	1	10.97	658	39.48	1.05	112.8	7.1	56.4	7.3	37.6	7.4	28.2	7.6	22.6	7.8	15.0	8.2	11.3	8.6	
						2	15.52	931	55.86		159.6	13.4	79.8	13.6	53.2	13.8	39.9	13.9	31.9	14.1	21.3	14.5	16.0	14.9	
						3	18.40	1104	66.24		189.3	18.6	94.6	18.8	63.1	18.9	47.3	19.1	37.9	19.3	25.2	19.7	18.9	20.1	
MOD. 46 \ 38		Verde	Green	Vert	Grün	Verde	1	6.53	392	23.52	1.26	56.0	3.4	28.0	3.6	18.7	3.8	14.0	3.9	11.2	4.1	7.5	4.5	5.6	4.9
							2	9.35	561	33.66		80.1	6.6	40.1	6.7	26.7	6.9	20.0	7.1	16.0	7.2	10.7	7.7	8.0	8.1
							3	11.09	665.2	39.91		95.0	9.2	47.5	9.4	31.7	9.5	23.8	9.7	19.0	9.9	12.7	10.3	9.5	10.7
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	7.80	468	28.08	1.26	66.9	4.3	33.4	4.5	22.3	4.6	16.7	4.8	13.4	5.0	8.9	5.4	6.7	5.8	
						2	10.87	652.2	39.13		93.2	8.0	46.6	8.2	31.1	8.3	23.3	8.5	18.6	8.7	12.4	9.1	9.3	9.5	
						3	13.37	802	48.12		114.6	11.7	57.3	11.9	38.2	12.0	28.6	12.2	22.9	12.4	15.3	12.8	11.5	13.2	
	Rosso	Red	Rouge	Rot	Rojo	1	9.32	559.2	33.55	1.26	79.9	5.5	39.9	5.7	26.6	5.9	20.0	6.0	16.0	6.2	10.7	6.6	8.0	7.0	
						2	12.90	773.8	46.43		110.5	10.2	55.3	10.3	36.8	10.5	27.6	10.7	22.1	10.8	14.7	11.2	11.1	11.7	
						3	15.65	938.8	56.33		134.1	14.6	67.1	14.8	44.7	14.9	33.5	15.1	26.8	15.3	17.9	15.7	13.4	16.1	
	Nero	Black	Noir	Schwarz	Negro	1	12.87	772	46.32	1.26	110.3	9.1	55.1	9.3	36.8	9.5	27.6	9.6	22.1	9.8	14.7	10.2	11.0	10.6	
						2	18.22	1093	65.58		156.1	17.3	78.1	17.5	52.0	17.6	39.0	17.8	31.2	18.0	20.8	18.4	15.6	18.8	
						3	21.60	1296	77.76		185.1	23.9	92.6	24.1	61.7	24.3	46.3	24.4	37.0	24.6	24.7	25.0	18.5	25.4	