

# MONSOON

THE COST EFFICIENT IRRIGATORS

## Hose Reel Boom Performance Chart

**14-38 🌿 Diam PE Hose – 90 🌿 Mt Length PE Hose – 200**

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
MOD. 22	Verde	Green	Vert	Grün	Verde	1	3.53	212	12.72	0.36	70.7	1.4	35.3	1.5	23.6	1.7	17.7	1.9	14.1	2.0	9.4	2.4	7.1	2.9	
						2	5.02	301	18.06		100.3	2.5	50.2	2.7	33.4	2.9	25.1	3.0	20.1	3.2	13.4	3.6	10.0	4.0	
						3	5.95	357.2	21.43		119.1	3.7	59.5	3.9	39.7	4.0	29.8	4.2	23.8	4.4	15.9	4.8	11.9	5.2	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.13	248	14.88	0.36	82.7	1.4	41.3	1.6	27.6	1.8	20.7	1.9	16.5	2.1	11.0	2.5	8.3	2.9	
						2	5.74	344.2	20.65		114.7	2.7	57.4	2.8	38.2	3.0	28.7	3.2	22.9	3.3	15.3	3.7	11.5	4.2	
						3	7.03	422	25.32		140.7	3.9	70.3	4.0	46.9	4.2	35.2	4.4	28.1	4.5	18.8	5.0	14.1	5.4	
	Rosso	Red	Rouge	Rot	Rojo	1	4.85	291.2	17.47	0.36	97.1	1.5	48.5	1.7	32.4	1.9	24.3	2.0	19.4	2.2	12.9	2.6	9.7	3.0	
						2	6.70	401.8	24.11		133.9	2.8	67.0	3.0	44.6	3.2	33.5	3.3	26.8	3.5	17.9	3.9	13.4	4.3	
						3	8.11	486.8	29.21		162.3	4.1	81.1	4.3	54.1	4.4	40.6	4.6	32.5	4.8	21.6	5.2	16.2	5.6	
	Nero	Black	Noir	Schwarz	Negro	1	6.53	392	23.52	0.36	130.7	1.8	65.3	2.0	43.6	2.1	32.7	2.3	26.1	2.5	17.4	2.9	13.1	3.3	
						2	9.22	553	33.18		184.3	3.3	92.2	3.5	61.4	3.7	46.1	3.8	36.9	4.0	24.6	4.4	18.4	4.8	
						3	10.93	656	39.36		218.7	4.8	109.3	4.9	72.9	5.1	54.7	5.3	43.7	5.4	29.2	5.9	21.9	6.3	
MOD. 28	Verde	Green	Vert	Grün	Verde	1	3.83	230	13.80	0.48	57.5	1.4	28.8	1.6	19.2	1.7	14.4	1.9	11.5	2.1	7.7	2.5	5.8	2.9	
						2	5.45	327	19.62		81.8	2.6	40.9	2.8	27.3	2.9	20.4	3.1	16.4	3.3	10.9	3.7	8.2	4.1	
						3	6.47	388	23.28		97.0	3.8	48.5	3.9	32.3	4.1	24.3	4.3	19.4	4.4	12.9	4.9	9.7	5.3	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.50	270	16.20	0.48	67.5	1.5	33.8	1.6	22.5	1.8	16.9	2.0	13.5	2.1	9.0	2.6	6.8	3.0	
						2	6.25	375	22.50		93.8	2.7	46.9	2.9	31.3	3.1	23.4	3.2	18.8	3.4	12.5	3.8	9.4	4.2	
						3	7.67	460	27.60		115.0	4.0	57.5	4.2	38.3	4.3	28.8	4.5	23.0	4.7	15.3	5.1	11.5	5.5	
	Rosso	Red	Rouge	Rot	Rojo	1	5.30	318	19.08	0.48	79.5	1.6	39.8	1.8	26.5	1.9	19.9	2.1	15.9	2.3	10.6	2.7	8.0	3.1	
						2	7.32	439	26.34		109.8	2.9	54.9	3.1	36.6	3.3	27.4	3.4	22.0	3.6	14.6	4.0	11.0	4.4	
						3	8.87	532	31.92		133.0	4.3	66.5	4.4	44.3	4.6	33.3	4.8	26.6	4.9	17.7	5.3	13.3	5.8	
	Nero	Black	Noir	Schwarz	Negro	1	7.17	430	25.80	0.48	107.5	1.9	53.8	2.1	35.8	2.2	26.9	2.4	21.5	2.6	14.3	3.0	10.8	3.4	
						2	10.12	607	36.42		151.8	3.6	75.9	3.7	50.6	3.9	37.9	4.1	30.4	4.2	20.2	4.6	15.2	5.1	
						3	12.00	720	43.20		180.0	5.1	90.0	5.3	60.0	5.4	45.0	5.6	36.0	5.8	24.0	6.2	18.0	6.6	

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
MOD. 34 \ 26	Verde	Green	Vert	Grün	Verde	1	4.73	284	17.04	0.60	56.8	1.5	28.4	1.7	18.9	1.8	14.2	2.0	11.4	2.2	7.6	2.6	5.7	3.0
						2	6.75	405	24.30		81.0	2.8	40.5	3.0	27.0	3.2	20.3	3.3	16.2	3.5	10.8	3.9	8.1	4.3
						3	8.01	480.4	28.82		96.1	4.1	48.0	4.2	32.0	4.4	24.0	4.6	19.2	4.7	12.8	5.2	9.6	5.6
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	5.60	336	20.16	0.60	67.2	1.6	33.6	1.8	22.4	2.0	16.8	2.1	13.4	2.3	9.0	2.7	6.7	3.1
						2	7.79	467.4	28.04		93.5	3.0	46.7	3.2	31.2	3.4	23.4	3.5	18.7	3.7	12.5	4.1	9.3	4.5
						3	9.57	574	34.44		114.8	4.4	57.4	4.6	38.3	4.8	28.7	4.9	23.0	5.1	15.3	5.5	11.5	5.9
	Rosso	Red	Rouge	Rot	Rojo	1	6.64	398.4	23.90	0.60	79.7	1.8	39.8	2.0	26.6	2.1	19.9	2.3	15.9	2.5	10.6	2.9	8.0	3.3
						2	9.18	550.6	33.04		110.1	3.3	55.1	3.5	36.7	3.7	27.5	3.8	22.0	4.0	14.7	4.4	11.0	4.8
						3	11.13	667.6	40.06		133.5	4.8	66.8	5.0	44.5	5.2	33.4	5.3	26.7	5.5	17.8	5.9	13.4	6.3
	Nero	Black	Noir	Schwarz	Negro	1	9.07	544	32.64	0.60	108.8	2.3	54.4	2.5	36.3	2.6	27.2	2.8	21.8	3.0	14.5	3.4	10.9	3.8
						2	12.82	769	46.14		153.8	4.3	76.9	4.5	51.3	4.7	38.5	4.8	30.8	5.0	20.5	5.4	15.4	5.8
						3	15.20	912	54.72		182.4	6.1	91.2	6.3	60.8	6.5	45.6	6.6	36.5	6.8	24.3	7.2	18.2	7.6
MOD. 39 \ 30	Verde	Green	Vert	Grün	Verde	1	5.63	338	20.28	0.70	57.9	1.6	29.0	1.8	19.3	2.0	14.5	2.1	11.6	2.3	7.7	2.7	5.8	3.1
						2	8.05	483	28.98		82.8	3.1	41.4	3.2	27.6	3.4	20.7	3.6	16.6	3.7	11.0	4.2	8.3	4.6
						3	9.55	572.8	34.37		98.2	4.4	49.1	4.6	32.7	4.8	24.5	4.9	19.6	5.1	13.1	5.5	9.8	5.9
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	6.70	402	24.12	0.70	68.9	1.8	34.5	2.0	23.0	2.2	17.2	2.3	13.8	2.5	9.2	2.9	6.9	3.3
						2	9.33	559.8	33.59		96.0	3.4	48.0	3.5	32.0	3.7	24.0	3.9	19.2	4.0	12.8	4.5	9.6	4.9
						3	11.47	688	41.28		117.9	4.9	59.0	5.1	39.3	5.3	29.5	5.4	23.6	5.6	15.7	6.0	11.8	6.4
	Rosso	Red	Rouge	Rot	Rojo	1	7.98	478.8	28.73	0.70	82.1	2.1	41.0	2.2	27.4	2.4	20.5	2.6	16.4	2.7	10.9	3.2	8.2	3.6
						2	11.04	662.2	39.73		113.5	3.8	56.8	4.0	37.8	4.1	28.4	4.3	22.7	4.5	15.1	4.9	11.4	5.3
						3	13.39	803.2	48.19		137.7	5.5	68.8	5.7	45.9	5.8	34.4	6.0	27.5	6.2	18.4	6.6	13.8	7.0
	Nero	Black	Noir	Schwarz	Negro	1	10.97	658	39.48	0.70	112.8	2.8	56.4	3.0	37.6	3.1	28.2	3.3	22.6	3.5	15.0	3.9	11.3	4.3
						2	15.52	931	55.86		159.6	5.3	79.8	5.4	53.2	5.6	39.9	5.8	31.9	5.9	21.3	6.3	16.0	6.8
						3	18.40	1104	66.24		189.3	7.4	94.6	7.6	63.1	7.7	47.3	7.9	37.9	8.1	25.2	8.5	18.9	8.9
MOD. 46 \ 38	Verde	Green	Vert	Grün	Verde	1	6.53	392	23.52	0.84	56.0	1.8	28.0	2.0	18.7	2.1	14.0	2.3	11.2	2.5	7.5	2.9	5.6	3.3
						2	9.35	561	33.66		80.1	3.4	40.1	3.5	26.7	3.7	20.0	3.9	16.0	4.0	10.7	4.5	8.0	4.9
						3	11.09	665.2	39.91		95.0	4.8	47.5	5.0	31.7	5.2	23.8	5.3	19.0	5.5	12.7	5.9	9.5	6.3
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	7.80	468	28.08	0.84	66.9	2.0	33.4	2.2	22.3	2.4	16.7	2.5	13.4	2.7	8.9	3.1	6.7	3.5
						2	10.87	652.2	39.13		93.2	3.8	46.6	3.9	31.1	4.1	23.3	4.3	18.6	4.4	12.4	4.8	9.3	5.3
						3	13.37	802	48.12		114.6	5.5	57.3	5.7	38.2	5.8	28.6	6.0	22.9	6.2	15.3	6.6	11.5	7.0
	Rosso	Red	Rouge	Rot	Rojo	1	9.32	559.2	33.55	0.84	79.9	2.4	39.9	2.5	26.6	2.7	20.0	2.9	16.0	3.0	10.7	3.5	8.0	3.9
						2	12.90	773.8	46.43		110.5	4.4	55.3	4.5	36.8	4.7	27.6	4.9	22.1	5.0	14.7	5.4	11.1	5.9
						3	15.65	938.8	56.33		134.1	6.3	67.1	6.5	44.7	6.6	33.5	6.8	26.8	7.0	17.9	7.4	13.4	7.8
	Nero	Black	Noir	Schwarz	Negro	1	12.87	772	46.32	0.84	110.3	3.3	55.1	3.5	36.8	3.7	27.6	3.8	22.1	4.0	14.7	4.4	11.0	4.8
						2	18.22	1093	65.58		156.1	6.3	78.1	6.5	52.0	6.7	39.0	6.8	31.2	7.0	20.8	7.4	15.6	7.8
						3	21.60	1296	77.76		185.1	8.9	92.6	9.0	61.7	9.2	46.3	9.4	37.0	9.5	24.7	9.9	18.5	10.4