

# 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
MOD. 22	Verde	Green	Vert	Grün	Verde	1	3.53	212	12.72	0.54	70.7	1.5	35.3	1.6	23.6	1.8	17.7	2.0	14.1	2.1	9.4	2.5	7.1	3.0	
						2	5.02	301	18.06		100.3	2.7	50.2	2.9	33.4	3.1	25.1	3.2	20.1	3.4	13.4	3.8	10.0	4.2	
						3	5.95	357.2	21.43		119.1	4.0	59.5	4.1	39.7	4.3	29.8	4.5	23.8	4.6	15.9	5.0	11.9	5.5	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.13	248	14.88	0.54	82.7	1.6	41.3	1.7	27.6	1.9	20.7	2.1	16.5	2.2	11.0	2.6	8.3	3.1	
						2	5.74	344.2	20.65		114.7	2.9	57.4	3.1	38.2	3.2	28.7	3.4	22.9	3.6	15.3	4.0	11.5	4.4	
						3	7.03	422	25.32		140.7	4.2	70.3	4.4	46.9	4.6	35.2	4.7	28.1	4.9	18.8	5.3	14.1	5.7	
	Rosso	Red	Rouge	Rot	Rojo	1	4.85	291.2	17.47	0.54	97.1	1.7	48.5	1.9	32.4	2.0	24.3	2.2	19.4	2.4	12.9	2.8	9.7	3.2	
						2	6.70	401.8	24.11		133.9	3.1	67.0	3.3	44.6	3.5	33.5	3.6	26.8	3.8	17.9	4.2	13.4	4.6	
						3	8.11	486.8	29.21		162.3	4.6	81.1	4.7	54.1	4.9	40.6	5.1	32.5	5.2	21.6	5.6	16.2	6.1	
	Nero	Black	Noir	Schwarz	Negro	1	6.53	392	23.52	0.54	130.7	2.1	65.3	2.3	43.6	2.4	32.7	2.6	26.1	2.8	17.4	3.2	13.1	3.6	
						2	9.22	553	33.18		184.3	3.9	92.2	4.1	61.4	4.3	46.1	4.4	36.9	4.6	24.6	5.0	18.4	5.4	
						3	10.93	656	39.36		218.7	5.6	109.3	5.8	72.9	5.9	54.7	6.1	43.7	6.3	29.2	6.7	21.9	7.1	
MOD. 28	Verde	Green	Vert	Grün	Verde	1	3.83	230	13.80	0.72	57.5	1.5	28.8	1.7	19.2	1.8	14.4	2.0	11.5	2.2	7.7	2.6	5.8	3.0	
						2	5.45	327	19.62		81.8	2.8	40.9	3.0	27.3	3.2	20.4	3.3	16.4	3.5	10.9	3.9	8.2	4.3	
						3	6.47	388	23.28		97.0	4.1	48.5	4.2	32.3	4.4	24.3	4.6	19.4	4.7	12.9	5.2	9.7	5.6	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.50	270	16.20	0.72	67.5	1.6	33.8	1.8	22.5	2.0	16.9	2.1	13.5	2.3	9.0	2.7	6.8	3.1	
						2	6.25	375	22.50		93.8	3.0	46.9	3.2	31.3	3.4	23.4	3.5	18.8	3.7	12.5	4.1	9.4	4.5	
						3	7.67	460	27.60		115.0	4.4	57.5	4.6	38.3	4.8	28.8	4.9	23.0	5.1	15.3	5.5	11.5	5.9	
	Rosso	Red	Rouge	Rot	Rojo	1	5.30	318	19.08	0.72	79.5	1.8	39.8	2.0	26.5	2.1	19.9	2.3	15.9	2.5	10.6	2.9	8.0	3.3	
						2	7.32	439	26.34		109.8	3.3	54.9	3.5	36.6	3.7	27.4	3.8	22.0	4.0	14.6	4.4	11.0	4.8	
						3	8.87	532	31.92		133.0	4.8	66.5	5.0	44.3	5.1	33.3	5.3	26.6	5.5	17.7	5.9	13.3	6.3	
	Nero	Black	Noir	Schwarz	Negro	1	7.17	430	25.80	0.72	107.5	2.3	53.8	2.4	35.8	2.6	26.9	2.8	21.5	2.9	14.3	3.4	10.8	3.8	
						2	10.12	607	36.42		151.8	4.3	75.9	4.4	50.6	4.6	37.9	4.8	30.4	4.9	20.2	5.3	15.2	5.8	
						3	12.00	720	43.20		180.0	6.0	90.0	6.2	60.0	6.4	45.0	6.5	36.0	6.7	24.0	7.1	18.0	7.5	

BOOM	Nozzle					ATM	Total capacity			Irrigated area Surface	SPEED MT/H , RATE AND INLET PRESSURE														
							HA	10			20		30		40		50		75		100				
								lt/sec	lt/min		mc/h	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	1.7	28.4	1.8	18.9	2.0	14.2	2.2	11.4	2.3	7.6	2.8	5.7	3.2	
						2	6.75	405	24.30		81.0	3.2	40.5	3.3	27.0	3.5	20.3	3.7	16.2	3.8	10.8	4.2	8.1	4.7	
						3	8.01	480.4	28.82		96.1	4.5	48.0	4.7	32.0	4.9	24.0	5.0	19.2	5.2	12.8	5.6	9.6	6.0	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	5.60	336	20.16	0.90	67.2	1.9	33.6	2.0	22.4	2.2	16.8	2.4	13.4	2.5	9.0	3.0	6.7	3.4	
						2	7.79	467.4	28.04		93.5	3.5	46.7	3.6	31.2	3.8	23.4	4.0	18.7	4.1	12.5	4.5	9.3	5.0	
						3	9.57	574	34.44		114.8	5.1	57.4	5.2	38.3	5.4	28.7	5.6	23.0	5.7	15.3	6.1	11.5	6.6	
	Rosso	Red	Rouge	Rot	Rojo	1	6.64	398.4	23.90	0.90	79.7	2.1	39.8	2.3	26.6	2.5	19.9	2.6	15.9	2.8	10.6	3.2	8.0	3.6	
						2	9.18	550.6	33.04		110.1	3.9	55.1	4.1	36.7	4.3	27.5	4.4	22.0	4.6	14.7	5.0	11.0	5.4	
						3	11.13	667.6	40.06		133.5	5.7	66.8	5.8	44.5	6.0	33.4	6.2	26.7	6.3	17.8	6.8	13.4	7.2	
	Nero	Black	Noir	Schwarz	Negro	1	9.07	544	32.64	0.90	108.8	2.9	54.4	3.0	36.3	3.2	27.2	3.4	21.8	3.5	14.5	4.0	10.9	4.4	
						2	12.82	769	46.14		153.8	5.4	76.9	5.6	51.3	5.8	38.5	5.9	30.8	6.1	20.5	6.5	15.4	6.9	
						3	15.20	912	54.72		182.4	7.6	91.2	7.8	60.8	8.0	45.6	8.1	36.5	8.3	24.3	8.7	18.2	9.1	
	MOD. 39 \ 30	Verde	Green	Vert	Grün	Verde	1	5.63	338	20.28	1.05	57.9	1.9	29.0	2.0	19.3	2.2	14.5	2.4	11.6	2.5	7.7	3.0	5.8	3.4
							2	8.05	483	28.98		82.8	3.5	41.4	3.7	27.6	3.9	20.7	4.0	16.6	4.2	11.0	4.6	8.3	5.0
							3	9.55	572.8	34.37		98.2	5.1	49.1	5.2	32.7	5.4	24.5	5.6	19.6	5.7	13.1	6.1	9.8	6.6
Giallo		Yellow	Jaune	Gelb	Amarillo	1	6.70	402	24.12	1.05	68.9	2.1	34.5	2.3	23.0	2.5	17.2	2.6	13.8	2.8	9.2	3.2	6.9	3.6	
						2	9.33	559.8	33.59		96.0	4.0	48.0	4.1	32.0	4.3	24.0	4.5	19.2	4.6	12.8	5.1	9.6	5.5	
						3	11.47	688	41.28		117.9	5.8	59.0	6.0	39.3	6.1	29.5	6.3	23.6	6.5	15.7	6.9	11.8	7.3	
Rosso		Red	Rouge	Rot	Rojo	1	7.98	478.8	28.73	1.05	82.1	2.5	41.0	2.7	27.4	2.9	20.5	3.0	16.4	3.2	10.9	3.6	8.2	4.0	
						2	11.04	662.2	39.73		113.5	4.6	56.8	4.8	37.8	5.0	28.4	5.1	22.7	5.3	15.1	5.7	11.4	6.1	
						3	13.39	803.2	48.19		137.7	6.7	68.8	6.9	45.9	7.0	34.4	7.2	27.5	7.4	18.4	7.8	13.8	8.2	
Nero		Black	Noir	Schwarz	Negro	1	10.97	658	39.48	1.05	112.8	3.6	56.4	3.8	37.6	3.9	28.2	4.1	22.6	4.3	15.0	4.7	11.3	5.1	
						2	15.52	931	55.86		159.6	6.8	79.8	7.0	53.2	7.1	39.9	7.3	31.9	7.5	21.3	7.9	16.0	8.3	
						3	18.40	1104	66.24		189.3	9.5	94.6	9.7	63.1	9.9	47.3	10.0	37.9	10.2	25.2	10.6	18.9	11.0	
MOD. 46 \ 38		Verde	Green	Vert	Grün	Verde	1	6.53	392	23.52	1.26	56.0	2.1	28.0	2.3	18.7	2.4	14.0	2.6	11.2	2.8	7.5	3.2	5.6	3.6
							2	9.35	561	33.66		80.1	4.0	40.1	4.1	26.7	4.3	20.0	4.5	16.0	4.6	10.7	5.1	8.0	5.5
							3	11.09	665.2	39.91		95.0	5.7	47.5	5.8	31.7	6.0	23.8	6.2	19.0	6.3	12.7	6.7	9.5	7.2
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	7.80	468	28.08	1.26	66.9	2.5	33.4	2.6	22.3	2.8	16.7	3.0	13.4	3.1	8.9	3.5	6.7	4.0	
						2	10.87	652.2	39.13		93.2	4.6	46.6	4.7	31.1	4.9	23.3	5.1	18.6	5.2	12.4	5.6	9.3	6.1	
						3	13.37	802	48.12		114.6	6.7	57.3	6.8	38.2	7.0	28.6	7.2	22.9	7.3	15.3	7.8	11.5	8.2	
	Rosso	Red	Rouge	Rot	Rojo	1	9.32	559.2	33.55	1.26	79.9	3.0	39.9	3.1	26.6	3.3	20.0	3.5	16.0	3.6	10.7	4.1	8.0	4.5	
						2	12.90	773.8	46.43		110.5	5.5	55.3	5.6	36.8	5.8	27.6	6.0	22.1	6.1	14.7	6.5	11.1	7.0	
						3	15.65	938.8	56.33		134.1	7.9	67.1	8.0	44.7	8.2	33.5	8.4	26.8	8.5	17.9	9.0	13.4	9.4	
	Nero	Black	Noir	Schwarz	Negro	1	12.87	772	46.32	1.26	110.3	4.4	55.1	4.6	36.8	4.8	27.6	4.9	22.1	5.1	14.7	5.5	11.0	5.9	
						2	18.22	1093	65.58		156.1	8.4	78.1	8.6	52.0	8.7	39.0	8.9	31.2	9.1	20.8	9.5	15.6	9.9	
						3	21.60	1296	77.76		185.1	11.7	92.6	11.9	61.7	12.0	46.3	12.2	37.0	12.4	24.7	12.8	18.5	13.2	