

MONSOON

THE COST EFFICIENT IRRIGATORS

Hose Reel Boom Performance Chart

14-38 🌿 Diam PE Hose – 82 🌿 Mt Length PE Hose – 250

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	0.45	70.7	1.6	35.3	1.7	23.6	1.9	17.7	2.1	14.1	2.2	9.4	2.6	7.1	3.1	
						2	5.02	301	18.06		100.3	2.9	50.2	3.1	33.4	3.3	25.1	3.4	20.1	3.6	13.4	4.0	10.0	4.4	
						3	5.95	357.2	21.43		119.1	4.2	59.5	4.4	39.7	4.5	29.8	4.7	23.8	4.9	15.9	5.3	11.9	5.7	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.13	248	14.88	0.45	82.7	1.7	41.3	1.9	27.6	2.0	20.7	2.2	16.5	2.4	11.0	2.8	8.3	3.2	
						2	5.74	344.2	20.65		114.7	3.1	57.4	3.3	38.2	3.5	28.7	3.6	22.9	3.8	15.3	4.2	11.5	4.6	
						3	7.03	422	25.32		140.7	4.6	70.3	4.7	46.9	4.9	35.2	5.1	28.1	5.2	18.8	5.7	14.1	6.1	
	Rosso	Red	Rouge	Rot	Rojo	1	4.85	291.2	17.47	0.45	97.1	1.9	48.5	2.0	32.4	2.2	24.3	2.4	19.4	2.5	12.9	3.0	9.7	3.4	
						2	6.70	401.8	24.11		133.9	3.4	67.0	3.6	44.6	3.8	33.5	3.9	26.8	4.1	17.9	4.5	13.4	4.9	
						3	8.11	486.8	29.21		162.3	5.0	81.1	5.2	54.1	5.3	40.6	5.5	32.5	5.7	21.6	6.1	16.2	6.5	
	Nero	Black	Noir	Schwarz	Negro	1	6.53	392	23.52	0.45	130.7	2.4	65.3	2.6	43.6	2.7	32.7	2.9	26.1	3.1	17.4	3.5	13.1	3.9	
						2	9.22	553	33.18		184.3	4.5	92.2	4.6	61.4	4.8	46.1	5.0	36.9	5.1	24.6	5.6	18.4	6.0	
						3	10.93	656	39.36		218.7	6.3	109.3	6.5	72.9	6.7	54.7	6.8	43.7	7.0	29.2	7.4	21.9	7.8	
MOD. 28	Verde	Green	Vert	Grün	Verde	1	3.83	230	13.80	0.60	57.5	1.6	28.8	1.8	19.2	2.0	14.4	2.1	11.5	2.3	7.7	2.7	5.8	3.1	
						2	5.45	327	19.62		81.8	3.0	40.9	3.2	27.3	3.4	20.4	3.5	16.4	3.7	10.9	4.1	8.2	4.5	
						3	6.47	388	23.28		97.0	4.4	48.5	4.5	32.3	4.7	24.3	4.9	19.4	5.0	12.9	5.5	9.7	5.9	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.50	270	16.20	0.60	67.5	1.8	33.8	1.9	22.5	2.1	16.9	2.3	13.5	2.4	9.0	2.9	6.8	3.3	
						2	6.25	375	22.50		93.8	3.3	46.9	3.5	31.3	3.6	23.4	3.8	18.8	4.0	12.5	4.4	9.4	4.8	
						3	7.67	460	27.60		115.0	4.8	57.5	5.0	38.3	5.1	28.8	5.3	23.0	5.5	15.3	5.9	11.5	6.3	
	Rosso	Red	Rouge	Rot	Rojo	1	5.30	318	19.08	0.60	79.5	2.0	39.8	2.2	26.5	2.3	19.9	2.5	15.9	2.7	10.6	3.1	8.0	3.5	
						2	7.32	439	26.34		109.8	3.7	54.9	3.8	36.6	4.0	27.4	4.2	22.0	4.3	14.6	4.8	11.0	5.2	
						3	8.87	532	31.92		133.0	5.3	66.5	5.5	44.3	5.7	33.3	5.8	26.6	6.0	17.7	6.4	13.3	6.8	
	Nero	Black	Noir	Schwarz	Negro	1	7.17	430	25.80	0.60	107.5	2.6	53.8	2.8	35.8	3.0	26.9	3.1	21.5	3.3	14.3	3.7	10.8	4.1	
						2	10.12	607	36.42		151.8	4.9	75.9	5.1	50.6	5.3	37.9	5.4	30.4	5.6	20.2	6.0	15.2	6.4	
						3	12.00	720	43.20		180.0	6.9	90.0	7.1	60.0	7.3	45.0	7.4	36.0	7.6	24.0	8.0	18.0	8.4	

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
MOD. 34 \ 26	Verde	Green	Vert	Grün	Verde	1	4.73	284	17.04	0.75	56.8	1.8	28.4	2.0	18.9	2.2	14.2	2.3	11.4	2.5	7.6	2.9	5.7	3.3
						2	6.75	405	24.30		81.0	3.5	40.5	3.6	27.0	3.8	20.3	4.0	16.2	4.1	10.8	4.6	8.1	5.0
						3	8.01	480.4	28.82		96.1	5.0	48.0	5.1	32.0	5.3	24.0	5.5	19.2	5.6	12.8	6.0	9.6	6.5
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	5.60	336	20.16	0.75	67.2	2.1	33.6	2.3	22.4	2.4	16.8	2.6	13.4	2.8	9.0	3.2	6.7	3.6
						2	7.79	467.4	28.04		93.5	3.9	46.7	4.0	31.2	4.2	23.4	4.4	18.7	4.5	12.5	4.9	9.3	5.4
						3	9.57	574	34.44		114.8	5.6	57.4	5.8	38.3	6.0	28.7	6.1	23.0	6.3	15.3	6.7	11.5	7.1
	Rosso	Red	Rouge	Rot	Rojo	1	6.64	398.4	23.90	0.75	79.7	2.4	39.8	2.6	26.6	2.8	19.9	2.9	15.9	3.1	10.6	3.5	8.0	3.9
						2	9.18	550.6	33.04		110.1	4.5	55.1	4.6	36.7	4.8	27.5	5.0	22.0	5.1	14.7	5.5	11.0	6.0
						3	11.13	667.6	40.06		133.5	6.4	66.8	6.6	44.5	6.8	33.4	6.9	26.7	7.1	17.8	7.5	13.4	7.9
	Nero	Black	Noir	Schwarz	Negro	1	9.07	544	32.64	0.75	108.8	3.4	54.4	3.6	36.3	3.7	27.2	3.9	21.8	4.1	14.5	4.5	10.9	4.9
						2	12.82	769	46.14		153.8	6.4	76.9	6.6	51.3	6.8	38.5	6.9	30.8	7.1	20.5	7.5	15.4	7.9
						3	15.20	912	54.72		182.4	9.0	91.2	9.2	60.8	9.3	45.6	9.5	36.5	9.7	24.3	10.1	18.2	10.5
MOD. 39 \ 30	Verde	Green	Vert	Grün	Verde	1	5.63	338	20.28	0.88	57.9	2.1	29.0	2.3	19.3	2.4	14.5	2.6	11.6	2.8	7.7	3.2	5.8	3.6
						2	8.05	483	28.98		82.8	4.0	41.4	4.1	27.6	4.3	20.7	4.5	16.6	4.6	11.0	5.1	8.3	5.5
						3	9.55	572.8	34.37		98.2	5.6	49.1	5.8	32.7	6.0	24.5	6.1	19.6	6.3	13.1	6.7	9.8	7.1
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	6.70	402	24.12	0.88	68.9	2.4	34.5	2.6	23.0	2.8	17.2	2.9	13.8	3.1	9.2	3.5	6.9	3.9
						2	9.33	559.8	33.59		96.0	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
						3	11.47	688	41.28		117.9	6.6	59.0	6.8	39.3	7.0	29.5	7.1	23.6	7.3	15.7	7.7	11.8	8.1
	Rosso	Red	Rouge	Rot	Rojo	1	7.98	478.8	28.73	0.88	82.1	2.9	41.0	3.1	27.4	3.3	20.5	3.4	16.4	3.6	10.9	4.0	8.2	4.4
						2	11.04	662.2	39.73		113.5	5.4	56.8	5.6	37.8	5.7	28.4	5.9	22.7	6.1	15.1	6.5	11.4	6.9
						3	13.39	803.2	48.19		137.7	7.8	68.8	8.0	45.9	8.1	34.4	8.3	27.5	8.5	18.4	8.9	13.8	9.3
	Nero	Black	Noir	Schwarz	Negro	1	10.97	658	39.48	0.88	112.8	4.4	56.4	4.5	37.6	4.7	28.2	4.9	22.6	5.0	15.0	5.4	11.3	5.9
						2	15.52	931	55.86		159.6	8.2	79.8	8.4	53.2	8.6	39.9	8.7	31.9	8.9	21.3	9.3	16.0	9.7
						3	18.40	1104	66.24		189.3	11.5	94.6	11.7	63.1	11.8	47.3	12.0	37.9	12.2	25.2	12.6	18.9	13.0
MOD. 46 \ 38	Verde	Green	Vert	Grün	Verde	1	6.53	392	23.52	1.05	56.0	2.4	28.0	2.6	18.7	2.7	14.0	2.9	11.2	3.1	7.5	3.5	5.6	3.9
						2	9.35	561	33.66		80.1	4.5	40.1	4.7	26.7	4.9	20.0	5.0	16.0	5.2	10.7	5.6	8.0	6.0
						3	11.09	665.2	39.91		95.0	6.4	47.5	6.6	31.7	6.8	23.8	6.9	19.0	7.1	12.7	7.5	9.5	7.9
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	7.80	468	28.08	1.05	66.9	2.9	33.4	3.0	22.3	3.2	16.7	3.4	13.4	3.5	8.9	3.9	6.7	4.4
						2	10.87	652.2	39.13		93.2	5.3	46.6	5.5	31.1	5.6	23.3	5.8	18.6	6.0	12.4	6.4	9.3	6.8
						3	13.37	802	48.12		114.6	7.8	57.3	7.9	38.2	8.1	28.6	8.3	22.9	8.4	15.3	8.9	11.5	9.3
	Rosso	Red	Rouge	Rot	Rojo	1	9.32	559.2	33.55	1.05	79.9	3.5	39.9	3.7	26.6	3.9	20.0	4.0	16.0	4.2	10.7	4.6	8.0	5.0
						2	12.90	773.8	46.43		110.5	6.5	55.3	6.6	36.8	6.8	27.6	7.0	22.1	7.1	14.7	7.6	11.1	8.0
						3	15.65	938.8	56.33		134.1	9.3	67.1	9.5	44.7	9.7	33.5	9.8	26.8	10.0	17.9	10.4	13.4	10.8
	Nero	Black	Noir	Schwarz	Negro	1	12.87	772	46.32	1.05	110.3	5.5	55.1	5.6	36.8	5.8	27.6	6.0	22.1	6.1	14.7	6.5	11.0	7.0
						2	18.22	1093	65.58		156.1	10.3	78.1	10.5	52.0	10.7	39.0	10.8	31.2	11.0	20.8	11.4	15.6	11.8
						3	21.60	1296	77.76		185.1	14.4	92.6	14.5	61.7	14.7	46.3	14.9	37.0	15.0	24.7	15.5	18.5	15.9