

MONSOON

THE COST EFFICIENT IRRIGATORS

Hose Reel Boom Performance Chart

14-38 🌿 Diam PE Hose – 100 🌿 Mt Length PE Hose – 400

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. 14	Verde	Green	Vert	Grün	Verde	1	3.53	212	12.72	0.72	70.7	1.4	35.3	1.6	23.6	1.7	17.7	1.9	14.1	2.1	9.4	2.5	7.1	2.9	
						2	5.02	301	18.06		100.3	2.6	50.2	2.8	33.4	3.0	25.1	3.1	20.1	3.3	13.4	3.7	10.0	4.1	
						3	5.95	357.2	21.43		119.1	3.8	59.5	4.0	39.7	4.1	29.8	4.3	23.8	4.5	15.9	4.9	11.9	5.3	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.13	248	14.88	0.72	82.7	1.5	41.3	1.7	27.6	1.8	20.7	2.0	16.5	2.2	11.0	2.6	8.3	3.0	
						2	5.74	344.2	20.65		114.7	2.8	57.4	2.9	38.2	3.1	28.7	3.3	22.9	3.4	15.3	3.8	11.5	4.3	
						3	7.03	422	25.32		140.7	4.0	70.3	4.2	46.9	4.4	35.2	4.5	28.1	4.7	18.8	5.1	14.1	5.5	
	Rosso	Red	Rouge	Rot	Rojo	1	4.85	291.2	17.47	0.72	97.1	1.6	48.5	1.8	32.4	1.9	24.3	2.1	19.4	2.3	12.9	2.7	9.7	3.1	
						2	6.70	401.8	24.11		133.9	2.9	67.0	3.1	44.6	3.3	33.5	3.4	26.8	3.6	17.9	4.0	13.4	4.4	
						3	8.11	486.8	29.21		162.3	4.3	81.1	4.4	54.1	4.6	40.6	4.8	32.5	4.9	21.6	5.4	16.2	5.8	
	Nero	Black	Noir	Schwarz	Negro	1	6.53	392	23.52	0.72	130.7	1.9	65.3	2.1	43.6	2.2	32.7	2.4	26.1	2.6	17.4	3.0	13.1	3.4	
						2	9.22	553	33.18		184.3	3.6	92.2	3.7	61.4	3.9	46.1	4.1	36.9	4.2	24.6	4.7	18.4	5.1	
						3	10.93	656	39.36		218.7	5.1	109.3	5.3	72.9	5.4	54.7	5.6	43.7	5.8	29.2	6.2	21.9	6.6	
MOD. 20	Verde	Green	Vert	Grün	Verde	1	3.83	230	13.80	0.96	57.5	1.4	28.8	1.6	19.2	1.8	14.4	1.9	11.5	2.1	7.7	2.5	5.8	2.9	
						2	5.45	327	19.62		81.8	2.7	40.9	2.9	27.3	3.0	20.4	3.2	16.4	3.4	10.9	3.8	8.2	4.2	
						3	6.47	388	23.28		97.0	3.9	48.5	4.1	32.3	4.2	24.3	4.4	19.4	4.6	12.9	5.0	9.7	5.4	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	4.50	270	16.20	0.96	67.5	1.5	33.8	1.7	22.5	1.9	16.9	2.0	13.5	2.2	9.0	2.6	6.8	3.0	
						2	6.25	375	22.50		93.8	2.9	46.9	3.0	31.3	3.2	23.4	3.4	18.8	3.5	12.5	3.9	9.4	4.4	
						3	7.67	460	27.60		115.0	4.2	57.5	4.3	38.3	4.5	28.8	4.7	23.0	4.8	15.3	5.3	11.5	5.7	
	Rosso	Red	Rouge	Rot	Rojo	1	5.30	318	19.08	0.96	79.5	1.7	39.8	1.8	26.5	2.0	19.9	2.2	15.9	2.3	10.6	2.8	8.0	3.2	
						2	7.32	439	26.34		109.8	3.1	54.9	3.3	36.6	3.4	27.4	3.6	22.0	3.8	14.6	4.2	11.0	4.6	
						3	8.87	532	31.92		133.0	4.5	66.5	4.6	44.3	4.8	33.3	5.0	26.6	5.1	17.7	5.6	13.3	6.0	
	Nero	Black	Noir	Schwarz	Negro	1	7.17	430	25.80	0.96	107.5	2.1	53.8	2.2	35.8	2.4	26.9	2.6	21.5	2.7	14.3	3.1	10.8	3.6	
						2	10.12	607	36.42		151.8	3.8	75.9	4.0	50.6	4.2	37.9	4.3	30.4	4.5	20.2	4.9	15.2	5.3	
						3	12.00	720	43.20		180.0	5.5	90.0	5.6	60.0	5.8	45.0	6.0	36.0	6.1	24.0	6.5	18.0	7.0	

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	1.20	56.8	1.6	28.4	1.7	18.9	1.9	14.2	2.1	11.4	2.2	7.6	2.7	5.7	3.1	
						2	6.75	405	24.30		81.0	3.0	40.5	3.1	27.0	3.3	20.3	3.5	16.2	3.6	10.8	4.0	8.1	4.5	
						3	8.01	480.4	28.82		96.1	4.3	48.0	4.4	32.0	4.6	24.0	4.8	19.2	4.9	12.8	5.3	9.6	5.8	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	5.60	336	20.16	1.20	67.2	1.7	33.6	1.9	22.4	2.1	16.8	2.2	13.4	2.4	9.0	2.8	6.7	3.2	
						2	7.79	467.4	28.04		93.5	3.2	46.7	3.4	31.2	3.5	23.4	3.7	18.7	3.9	12.5	4.3	9.3	4.7	
						3	9.57	574	34.44		114.8	4.7	57.4	4.8	38.3	5.0	28.7	5.2	23.0	5.3	15.3	5.8	11.5	6.2	
	Rosso	Red	Rouge	Rot	Rojo	1	6.64	398.4	23.90	1.20	79.7	1.9	39.8	2.1	26.6	2.3	19.9	2.4	15.9	2.6	10.6	3.0	8.0	3.4	
						2	9.18	550.6	33.04		110.1	3.6	55.1	3.7	36.7	3.9	27.5	4.1	22.0	4.2	14.7	4.6	11.0	5.1	
						3	11.13	667.6	40.06		133.5	5.2	66.8	5.3	44.5	5.5	33.4	5.7	26.7	5.8	17.8	6.2	13.4	6.7	
	Nero	Black	Noir	Schwarz	Negro	1	9.07	544	32.64	1.20	108.8	2.5	54.4	2.7	36.3	2.9	27.2	3.0	21.8	3.2	14.5	3.6	10.9	4.0	
						2	12.82	769	46.14		153.8	4.8	76.9	4.9	51.3	5.1	38.5	5.3	30.8	5.4	20.5	5.8	15.4	6.3	
						3	15.20	912	54.72		182.4	6.7	91.2	6.9	60.8	7.1	45.6	7.2	36.5	7.4	24.3	7.8	18.2	8.2	
	MOD. 39 \ 30	Verde	Green	Vert	Grün	Verde	1	5.63	338	20.28	1.40	57.9	1.7	29.0	1.9	19.3	2.1	14.5	2.2	11.6	2.4	7.7	2.8	5.8	3.2
							2	8.05	483	28.98		82.8	3.3	41.4	3.4	27.6	3.6	20.7	3.8	16.6	3.9	11.0	4.3	8.3	4.8
							3	9.55	572.8	34.37		98.2	4.7	49.1	4.8	32.7	5.0	24.5	5.2	19.6	5.3	13.1	5.8	9.8	6.2
Giallo		Yellow	Jaune	Gelb	Amarillo	1	6.70	402	24.12	1.40	68.9	1.9	34.5	2.1	23.0	2.3	17.2	2.4	13.8	2.6	9.2	3.0	6.9	3.4	
						2	9.33	559.8	33.59		96.0	3.6	48.0	3.8	32.0	3.9	24.0	4.1	19.2	4.3	12.8	4.7	9.6	5.1	
						3	11.47	688	41.28		117.9	5.3	59.0	5.4	39.3	5.6	29.5	5.8	23.6	5.9	15.7	6.4	11.8	6.8	
Rosso		Red	Rouge	Rot	Rojo	1	7.98	478.8	28.73	1.40	82.1	2.2	41.0	2.4	27.4	2.6	20.5	2.7	16.4	2.9	10.9	3.3	8.2	3.7	
						2	11.04	662.2	39.73		113.5	4.1	56.8	4.3	37.8	4.5	28.4	4.6	22.7	4.8	15.1	5.2	11.4	5.6	
						3	13.39	803.2	48.19		137.7	6.0	68.8	6.1	45.9	6.3	34.4	6.5	27.5	6.6	18.4	7.1	13.8	7.5	
Nero		Black	Noir	Schwarz	Negro	1	10.97	658	39.48	1.40	112.8	3.1	56.4	3.3	37.6	3.4	28.2	3.6	22.6	3.8	15.0	4.2	11.3	4.6	
						2	15.52	931	55.86		159.6	5.9	79.8	6.0	53.2	6.2	39.9	6.4	31.9	6.5	21.3	6.9	16.0	7.4	
						3	18.40	1104	66.24		189.3	8.2	94.6	8.4	63.1	8.6	47.3	8.7	37.9	8.9	25.2	9.3	18.9	9.7	
MOD. 46 \ 38		Verde	Green	Vert	Grün	Verde	1	6.53	392	23.52	1.68	56.0	1.9	28.0	2.1	18.7	2.2	14.0	2.4	11.2	2.6	7.5	3.0	5.6	3.4
							2	9.35	561	33.66		80.1	3.6	40.1	3.8	26.7	3.9	20.0	4.1	16.0	4.3	10.7	4.7	8.0	5.1
							3	11.09	665.2	39.91		95.0	5.2	47.5	5.3	31.7	5.5	23.8	5.7	19.0	5.8	12.7	6.2	9.5	6.7
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	7.80	468	28.08	1.68	66.9	2.2	33.4	2.4	22.3	2.5	16.7	2.7	13.4	2.9	8.9	3.3	6.7	3.7	
						2	10.87	652.2	39.13		93.2	4.1	46.6	4.2	31.1	4.4	23.3	4.6	18.6	4.7	12.4	5.2	9.3	5.6	
						3	13.37	802	48.12		114.6	6.0	57.3	6.1	38.2	6.3	28.6	6.5	22.9	6.6	15.3	7.1	11.5	7.5	
	Rosso	Red	Rouge	Rot	Rojo	1	9.32	559.2	33.55	1.68	79.9	2.6	39.9	2.8	26.6	2.9	20.0	3.1	16.0	3.3	10.7	3.7	8.0	4.1	
						2	12.90	773.8	46.43		110.5	4.8	55.3	5.0	36.8	5.1	27.6	5.3	22.1	5.5	14.7	5.9	11.1	6.3	
						3	15.65	938.8	56.33		134.1	6.9	67.1	7.1	44.7	7.3	33.5	7.4	26.8	7.6	17.9	8.0	13.4	8.4	
	Nero	Black	Noir	Schwarz	Negro	1	12.87	772	46.32	1.68	110.3	3.8	55.1	3.9	36.8	4.1	27.6	4.3	22.1	4.4	14.7	4.9	11.0	5.3	
						2	18.22	1093	65.58		156.1	7.1	78.1	7.3	52.0	7.5	39.0	7.6	31.2	7.8	20.8	8.2	15.6	8.6	
						3	21.60	1296	77.76		185.1	10.0	92.6	10.2	61.7	10.3	46.3	10.5	37.0	10.7	24.7	11.1	18.5	11.5	