



Hose Reel Boom Performance Chart

42-60 🌿 Diam PE Hose – 110 🌿 Mt Length PE Hose – 420

BOOM	Nozzle					ATM	Total capacity			Irrigated area Surface	SPEED MT/H , RATE AND INLET PRESSURE													
							lt/sec	lt/min	mc/h		10		20		30		40		50		75		100	
	HA	mm	BAR	mm	BAR		mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR				
MOD. 50	Verde	Green	Vert	Grün	Verde	1	7.43	446	26.76	1.93	58.2	1.8	29.1	2.0	19.4	2.1	14.5	2.3	11.6	2.5	7.8	2.9	5.8	3.3
						2	10.65	639	38.34		83.3	3.4	41.7	3.5	27.8	3.7	20.8	3.9	16.7	4.0	11.1	4.5	8.3	4.9
						3	12.63	757.6	45.46		98.8	4.8	49.4	5.0	32.9	5.2	24.7	5.3	19.8	5.5	13.2	5.9	9.9	6.3
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	8.90	534	32.04	1.93	69.7	2.0	34.8	2.2	23.2	2.4	17.4	2.5	13.9	2.7	9.3	3.1	7.0	3.5
						2	12.41	744.6	44.68		97.1	3.8	48.6	3.9	32.4	4.1	24.3	4.3	19.4	4.4	12.9	4.9	9.7	5.3
						3	15.27	916	54.96		119.5	5.5	59.7	5.7	39.8	5.9	29.9	6.0	23.9	6.2	15.9	6.6	11.9	7.0
	Rosso	Red	Rouge	Rot	Rojo	1	10.66	639.6	38.38	1.93	83.4	2.4	41.7	2.6	27.8	2.7	20.9	2.9	16.7	3.1	11.1	3.5	8.3	3.9
						2	14.76	885.4	53.12		115.5	4.4	57.7	4.6	38.5	4.7	28.9	4.9	23.1	5.1	15.4	5.5	11.5	5.9
						3	17.91	1074.4	64.46		140.1	6.3	70.1	6.5	46.7	6.7	35.0	6.8	28.0	7.0	18.7	7.4	14.0	7.8
	Nero	Black	Noir	Schwarz	Negro	1	14.77	886	53.16	1.93	115.6	3.4	57.8	3.6	38.5	3.7	28.9	3.9	23.1	4.1	15.4	4.5	11.6	4.9
						2	20.92	1255	75.30		163.7	6.4	81.8	6.6	54.6	6.7	40.9	6.9	32.7	7.1	21.8	7.5	16.4	7.9
						3	24.80	1488	89.28		194.1	9.0	97.0	9.1	64.7	9.3	48.5	9.5	38.8	9.6	25.9	10.1	19.4	10.5
MOD. 57	Verde	Green	Vert	Grün	Verde	1	8.33	500	30.00	2.23	56.6	1.9	28.3	2.1	18.9	2.3	14.2	2.4	11.3	2.6	7.5	3.0	5.7	3.4
						2	11.95	717	43.02		81.2	3.7	40.6	3.8	27.1	4.0	20.3	4.2	16.2	4.3	10.8	4.8	8.1	5.2
						3	14.17	850	51.00		96.2	5.2	48.1	5.4	32.1	5.6	24.1	5.7	19.2	5.9	12.8	6.3	9.6	6.7
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	10.00	600	36.00	2.23	67.9	2.2	34.0	2.4	22.6	2.6	17.0	2.7	13.6	2.9	9.1	3.3	6.8	3.7
						2	13.95	837	50.22		94.8	4.2	47.4	4.3	31.6	4.5	23.7	4.7	19.0	4.8	12.6	5.3	9.5	5.7
						3	17.17	1030	61.80		116.6	6.1	58.3	6.3	38.9	6.4	29.2	6.6	23.3	6.8	15.5	7.2	11.7	7.6
	Rosso	Red	Rouge	Rot	Rojo	1	12.00	720	43.20	2.23	81.5	2.7	40.8	2.8	27.2	3.0	20.4	3.2	16.3	3.3	10.9	3.8	8.2	4.2
						2	16.62	997	59.82		112.9	4.9	56.4	5.1	37.6	5.3	28.2	5.4	22.6	5.6	15.0	6.0	11.3	6.4
						3	20.17	1210	72.60		137.0	7.1	68.5	7.3	45.7	7.5	34.2	7.6	27.4	7.8	18.3	8.2	13.7	8.6
	Nero	Black	Noir	Schwarz	Negro	1	16.67	1000	60.00	2.23	113.2	4.0	56.6	4.1	37.7	4.3	28.3	4.5	22.6	4.6	15.1	5.0	11.3	5.5
						2	23.62	1417	85.02		160.4	7.5	80.2	7.6	53.5	7.8	40.1	8.0	32.1	8.1	21.4	8.6	16.0	9.0
						3	28.00	1680	100.80		190.2	10.4	95.1	10.6	63.4	10.8	47.5	10.9	38.0	11.1	25.4	11.5	19.0	11.9

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. 62 \ 54	Verde	Green	Vert	Grün	Verde	1	9.23	554	33.24	2.44	57.3	2.1	28.7	2.3	19.1	2.4	14.3	2.6	11.5	2.8	7.6	3.2	5.7	3.6	
						2	13.25	795	47.70		82.2	4.0	41.1	4.2	27.4	4.3	20.6	4.5	16.4	4.7	11.0	5.1	8.2	5.5	
						3	15.71	942.4	56.54		97.5	5.7	48.7	5.8	32.5	6.0	24.4	6.2	19.5	6.3	13.0	6.7	9.7	7.2	
	Giallo	Yellow	Jaune	Gelb	Amarillo	1	11.10	666	39.96	2.44	68.9	2.5	34.4	2.6	23.0	2.8	17.2	3.0	13.8	3.1	9.2	3.6	6.9	4.0	
						2	15.49	929.4	55.76		96.1	4.6	48.1	4.8	32.0	4.9	24.0	5.1	19.2	5.3	12.8	5.7	9.6	6.1	
						3	19.07	1144	68.64		118.3	6.7	59.2	6.9	39.4	7.1	29.6	7.2	23.7	7.4	15.8	7.8	11.8	8.2	
	Rosso	Red	Rouge	Rot	Rojo	1	13.34	800.4	48.02	2.44	82.8	3.0	41.4	3.2	27.6	3.3	20.7	3.5	16.6	3.7	11.0	4.1	8.3	4.5	
						2	18.48	1108.6	66.52		114.7	5.5	57.3	5.7	38.2	5.9	28.7	6.0	22.9	6.2	15.3	6.6	11.5	7.0	
						3	22.43	1345.6	80.74		139.2	8.0	69.6	8.2	46.4	8.3	34.8	8.5	27.8	8.7	18.6	9.1	13.9	9.5	
	Nero	Black	Noir	Schwarz	Negro	1	18.57	1114	66.84	2.44	115.2	4.6	57.6	4.7	38.4	4.9	28.8	5.1	23.0	5.2	15.4	5.7	11.5	6.1	
						2	26.32	1579	94.74		163.3	8.7	81.7	8.8	54.4	9.0	40.8	9.2	32.7	9.3	21.8	9.7	16.3	10.2	
						3	31.20	1872	112.32		193.7	12.1	96.8	12.2	64.6	12.4	48.4	12.6	38.7	12.7	25.8	13.1	19.4	13.6	
	MOD. 70 \ 61	Verde	Green	Vert	Grün	Verde	1	10.13	608	36.48	2.77	55.3	2.3	27.6	2.4	18.4	2.6	13.8	2.8	11.1	2.9	7.4	3.4	5.5	3.8
							2	14.55	873	52.38		79.4	4.3	39.7	4.5	26.5	4.7	19.8	4.8	15.9	5.0	10.6	5.4	7.9	5.8
							3	17.25	1034.8	62.09		94.1	6.1	47.0	6.3	31.4	6.5	23.5	6.6	18.8	6.8	12.5	7.2	9.4	7.6
Giallo		Yellow	Jaune	Gelb	Amarillo	1	12.20	732	43.92	2.77	66.5	2.7	33.3	2.9	22.2	3.1	16.6	3.2	13.3	3.4	8.9	3.8	6.7	4.2	
						2	17.03	1021.8	61.31		92.9	5.1	46.4	5.2	31.0	5.4	23.2	5.6	18.6	5.7	12.4	6.1	9.3	6.6	
						3	20.97	1258	75.48		114.4	7.4	57.2	7.6	38.1	7.8	28.6	7.9	22.9	8.1	15.2	8.5	11.4	8.9	
Rosso		Red	Rouge	Rot	Rojo	1	14.68	880.8	52.85	2.77	80.1	3.4	40.0	3.5	26.7	3.7	20.0	3.9	16.0	4.0	10.7	4.5	8.0	4.9	
						2	20.34	1220.2	73.21		110.9	6.2	55.5	6.4	37.0	6.5	27.7	6.7	22.2	6.9	14.8	7.3	11.1	7.7	
						3	24.69	1481.2	88.87		134.7	8.9	67.3	9.1	44.9	9.3	33.7	9.4	26.9	9.6	18.0	10.0	13.5	10.4	
Nero		Black	Noir	Schwarz	Negro	1	20.47	1228	73.68	2.77	111.6	5.2	55.8	5.4	37.2	5.6	27.9	5.7	22.3	5.9	14.9	6.3	11.2	6.7	
						2	29.02	1741	104.46		158.3	9.9	79.1	10.1	52.8	10.3	39.6	10.4	31.7	10.6	21.1	11.0	15.8	11.4	
						3	34.40	2064	123.84		187.6	13.8	93.8	14.0	62.5	14.2	46.9	14.3	37.5	14.5	25.0	14.9	18.8	15.3	