

MONSOON

THE COST EFFICIENT IRRIGATORS

Hose Reel Boom Performance Chart

Raptor 18-44 🌿 Diam PE Hose – 125 🌿 Mt Length PE Hose – 420

MO D.	35 27	Nozzle	ATM	Total capacity			Irrigated area HA	SPEED MT/H , RATE AND INLET PRESSURE															
				lt/sec	lt/min	mc/h		10		20		30		40		50		75		100			
							mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	
BOOM	26	Verde Green Vert Grün Verde	1	3.82	229	13.74	0.92	62.5	1.3	31.2	1.4	20.8	1.6	15.6	1.8	12.5	1.9	8.3	2.3	6.2	2.8		
			2	5.38	323	19.38		88.1	2.4	44.0	2.5	29.4	2.7	22.0	2.9	17.6	3.0	11.7	3.4	8.8	3.9		
			3	6.40	384.2	23.05		104.8	3.4	52.4	3.6	34.9	3.8	26.2	3.9	21.0	4.1	14.0	4.5	10.5	4.9		
		18	Giallo Yellow Jaune Gelb Amarillo	1	4.42	265	15.90	0.92	72.3	1.3	36.1	1.5	24.1	1.6	18.1	1.8	14.5	2.0	9.6	2.4	7.2	2.8	
				2	6.10	366.2	21.97		99.9	2.4	49.9	2.6	33.3	2.7	25.0	2.9	20.0	3.1	13.3	3.5	10.0	3.9	
				3	7.48	449	26.94		122.5	3.5	61.2	3.7	40.8	3.8	30.6	4.0	24.5	4.2	16.3	4.6	12.2	5.0	
		MOD.		Rosso Red Rouge Rot Rojo	1	5.14	308.2	18.49	0.92	84.1	1.3	42.0	1.5	28.0	1.7	21.0	1.8	16.8	2.0	11.2	2.4	8.4	2.8
					2	7.06	423.8	25.43		115.6	2.5	57.8	2.6	38.5	2.8	28.9	3.0	23.1	3.1	15.4	3.6	11.6	4.0
					3	8.56	513.8	30.83		140.1	3.6	70.1	3.8	46.7	3.9	35.0	4.1	28.0	4.3	18.7	4.7	14.0	5.1
			Nero Black Noir Schwarz Negro	1	6.82	409	24.54	0.92	111.5	1.5	55.8	1.6	37.2	1.8	27.9	2.0	22.3	2.1	14.9	2.5	11.2	3.0	
				2	9.58	575	34.50		156.8	2.7	78.4	2.9	52.3	3.0	39.2	3.2	31.4	3.4	20.9	3.8	15.7	4.2	
				3	11.38	683	40.98		186.3	3.9	93.1	4.1	62.1	4.2	46.6	4.4	37.3	4.6	24.8	5.0	18.6	5.4	
35 27	35	Verde Green Vert Grün Verde	1	5.02	301	18.06	1.30	58.3	1.3	29.1	1.5	19.4	1.7	14.6	1.8	11.7	2.0	7.8	2.4	5.8	2.8		
			2	7.12	427	25.62		82.6	2.5	41.3	2.6	27.5	2.8	20.7	3.0	16.5	3.1	11.0	3.6	8.3	4.0		
			3	8.46	507.4	30.44		98.2	3.6	49.1	3.8	32.7	3.9	24.6	4.1	19.6	4.3	13.1	4.7	9.8	5.1		
	27	Giallo Yellow Jaune Gelb Amarillo	1	5.88	353	21.18	1.30	68.3	1.4	34.2	1.6	22.8	1.7	17.1	1.9	13.7	2.1	9.1	2.5	6.8	2.9		
			2	8.16	489.4	29.36		94.7	2.6	47.4	2.7	31.6	2.9	23.7	3.1	18.9	3.2	12.6	3.6	9.5	4.1		
			3	10.02	601	36.06		116.3	3.7	58.2	3.9	38.8	4.1	29.1	4.2	23.3	4.4	15.5	4.8	11.6	5.2		
	MOD.		Rosso Red Rouge Rot Rojo	1	6.92	415.4	24.92	1.30	80.4	1.5	40.2	1.6	26.8	1.8	20.1	2.0	16.1	2.1	10.7	2.5	8.0	3.0	
				2	9.54	572.6	34.36		110.8	2.7	55.4	2.9	36.9	3.0	27.7	3.2	22.2	3.4	14.8	3.8	11.1	4.2	
				3	11.58	694.6	41.68		134.4	3.9	67.2	4.1	44.8	4.3	33.6	4.4	26.9	4.6	17.9	5.0	13.4	5.4	

BOOM	Nozzle					ATM	Total capacity			Irrigated area		SPEED MT/H , RATE AND INLET PRESSURE									
												10		20		30		40		50	
	lt/sec	lt/min	mc/h	HA	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR			
Nero Black Noir Schwarz Negro	1	9.35	561	33.66	1.30	108.6	1.7	54.3	1.8	36.2	2.0	27.1	2.2	21.7	2.3	14.5	2.8	10.9	3.2		
	2	13.18	791	47.46		153.1	3.1	76.5	3.3	51.0	3.5	38.3	3.6	30.6	3.8	20.4	4.2	15.3	4.6		
	3	15.65	939	56.34		181.7	4.5	90.9	4.7	60.6	4.8	45.4	5.0	36.3	5.2	24.2	5.6	18.2	6.0		
MOD. 43 35	Verde Green Vert Grün Verde	1	6.22	373	22.38	1.64	57.4	1.4	28.7	1.6	19.1	1.7	14.3	1.9	11.5	2.1	7.7	2.5	5.7	2.9	
		2	8.85	531	31.86		81.7	2.6	40.8	2.8	27.2	3.0	20.4	3.1	16.3	3.3	10.9	3.7	8.2	4.1	
		3	10.51	630.6	37.84		97.0	3.8	48.5	4.0	32.3	4.1	24.3	4.3	19.4	4.5	12.9	4.9	9.7	5.3	
	Giallo Yellow Jaune Gelb Amarillo	1	7.35	441	26.46	1.64	67.8	1.5	33.9	1.7	22.6	1.8	17.0	2.0	13.6	2.2	9.0	2.6	6.8	3.0	
		2	10.21	612.6	36.76		94.2	2.8	47.1	2.9	31.4	3.1	23.6	3.3	18.8	3.4	12.6	3.9	9.4	4.3	
		3	12.55	753	45.18		115.8	4.1	57.9	4.2	38.6	4.4	29.0	4.6	23.2	4.7	15.4	5.1	11.6	5.6	
	Rosso Red Rouge Rot Rojo	1	8.71	522.6	31.36	1.64	80.4	1.6	40.2	1.8	26.8	1.9	20.1	2.1	16.1	2.3	10.7	2.7	8.0	3.1	
		2	12.02	721.4	43.28		111.0	3.0	55.5	3.1	37.0	3.3	27.7	3.5	22.2	3.6	14.8	4.1	11.1	4.5	
		3	14.59	875.4	52.52		134.7	4.3	67.3	4.5	44.9	4.7	33.7	4.8	26.9	5.0	18.0	5.4	13.5	5.8	
	Nero Black Noir Schwarz Negro	1	11.88	713	42.78	1.64	109.7	2.0	54.8	2.1	36.6	2.3	27.4	2.5	21.9	2.6	14.6	3.0	11.0	3.5	
		2	16.78	1007	60.42		154.9	3.7	77.5	3.8	51.6	4.0	38.7	4.2	31.0	4.3	20.7	4.8	15.5	5.2	
		3	19.92	1195	71.70		183.8	5.2	91.9	5.4	61.3	5.6	46.0	5.7	36.8	5.9	24.5	6.3	18.4	6.7	
MOD. 52 44	Verde Green Vert Grün Verde	1	7.42	445	26.70	2.02	55.6	1.5	27.8	1.7	18.5	1.8	13.9	2.0	11.1	2.2	7.4	2.6	5.6	3.0	
		2	10.58	635	38.10		79.4	2.8	39.7	3.0	26.5	3.1	19.8	3.3	15.9	3.5	10.6	3.9	7.9	4.3	
		3	12.56	753.8	45.23		94.2	4.1	47.1	4.2	31.4	4.4	23.6	4.6	18.8	4.7	12.6	5.1	9.4	5.6	
	Giallo Yellow Jaune Gelb Amarillo	1	8.82	529	31.74	2.02	66.1	1.6	33.1	1.8	22.0	2.0	16.5	2.1	13.2	2.3	8.8	2.7	6.6	3.1	
		2	12.26	735.8	44.15		92.0	3.0	46.0	3.2	30.7	3.3	23.0	3.5	18.4	3.7	12.3	4.1	9.2	4.5	
		3	15.08	905	54.30		113.1	4.4	56.6	4.6	37.7	4.7	28.3	4.9	22.6	5.1	15.1	5.5	11.3	5.9	
	Rosso Red Rouge Rot Rojo	1	10.50	629.8	37.79	2.02	78.7	1.8	39.4	2.0	26.2	2.1	19.7	2.3	15.7	2.5	10.5	2.9	7.9	3.3	
		2	14.50	870.2	52.21		108.8	3.3	54.4	3.5	36.3	3.7	27.2	3.8	21.8	4.0	14.5	4.4	10.9	4.8	
		3	17.60	1056.2	63.37		132.0	4.8	66.0	5.0	44.0	5.2	33.0	5.3	26.4	5.5	17.6	5.9	13.2	6.3	
	Nero Black Noir Schwarz Negro	1	14.42	865	51.90	2.02	108.1	2.3	54.1	2.5	36.0	2.6	27.0	2.8	21.6	3.0	14.4	3.4	10.8	3.8	
		2	20.38	1223	73.38		152.9	4.3	76.4	4.5	51.0	4.7	38.2	4.8	30.6	5.0	20.4	5.4	15.3	5.8	
		3	24.18	1451	87.06		181.4	6.1	90.7	6.3	60.5	6.5	45.3	6.6	36.3	6.8	24.2	7.2	18.1	7.6	