

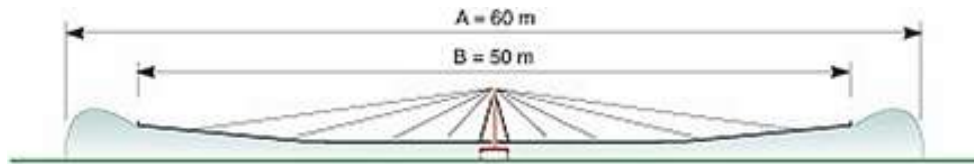
Falcon 50 Irrigation Boom



Falcon 50 embodies the higher technology in the spraying boom irrigation systems, suitable for low and medium-height crops. Fitted with special aluminum structure, it is mounted on a 3-wheel steel trolley, and it can be transported by medium RM irrigation machines. The oscillating system allows the boom to remain in a horizontal position, thus rendering it self-levelling and capable of making a 360 degree turn to overcome any obstacles. Its operation is guaranteed even at minimum pressures (15 psi) thanks to its particular nozzles, irrigating a strip of approximately 200 feet. This boom can be folded and unfolded in a fast and easy way by one operator with the minimum physical effort.

Falcon 50 Aluminum Boom Performances

Boom Model	Nozzle Quantity Includes End Nozzles	Nozzle Color	Boom Pressure (psi)	Flow (gpm)	Irrigated Strip (feet)	Rewind Speed feet/hour														Suggested Traveler
						32	49	66	82	98	131	164	197	230	262	295	328	393	492	
						Precipitation Rate in Inches														
FALCON 48m (160')	45	Green	15	171	190	2.6	1.8	1.3	1.1	0.9	0.7	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	690 GX 790 GX 890 GX
			22	206	197	3.0	2.1	1.5	1.2	1.0	0.8	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.2	
			29	247	200	3.6	2.4	1.8	1.4	1.2	0.9	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	
			37	272	203	3.9	2.6	2.0	1.6	1.3	1.0	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.3	
			44	293	206	4.2	2.8	2.1	1.7	1.4	1.0	0.8	0.7	0.6	0.5	0.5	0.4	0.3	0.3	
		Yellow	15	209	193	3.2	2.1	1.6	1.3	1.1	0.8	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.2	
			22	252	200	3.7	2.5	1.8	1.5	1.2	0.9	0.7	0.6	0.5	0.5	0.4	0.4	0.3	0.2	
			29	293	203	4.2	2.8	2.1	1.7	1.4	1.1	0.9	0.7	0.6	0.5	0.5	0.4	0.4	0.3	
			37	323	206	4.6	3.0	2.3	1.8	1.5	1.0	0.9	0.8	0.7	0.6	0.5	0.5	0.4	0.3	
			44	361	210	5.0	3.4	2.5	2.0	1.7	1.3	1.0	0.8	0.7	0.6	0.6	0.5	0.4	0.3	
		Red	15	254	197	3.8	2.5	1.9	1.5	1.3	1.0	0.8	0.6	0.5	0.5	0.4	0.4	0.3	0.3	
			22	307	203	4.4	2.9	2.2	1.8	1.5	1.1	0.9	0.7	0.6	0.6	0.5	0.4	0.4	0.3	
			29	353	206	5.0	3.3	2.5	2.0	1.7	1.3	1.0	0.8	0.7	0.6	0.6	0.5	0.4	0.3	
			37	390	210	5.4	3.6	2.7	2.2	1.8	1.4	1.1	0.9	0.8	0.7	0.6	0.5	0.5	0.4	
			44	429	213	5.9	3.9	3.0	2.4	2.0	1.5	1.1	1.0	0.8	0.7	0.7	0.6	0.5	0.4	
		Black	15	361	200	5.3	3.5	2.6	2.1	1.8	1.3	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.4	
			22	435	206	6.2	4.1	3.1	2.5	2.1	1.5	1.2	1.0	0.9	0.8	0.7	0.6	0.5	0.4	
			29	513	210	7.2	4.8	3.6	2.9	2.4	1.8	1.4	1.2	1.0	0.9	0.8	0.7	0.6	0.5	
			37	566	213	7.8	5.2	3.9	3.1	2.6	2.0	1.6	1.3	1.1	1.0	0.9	0.8	0.6	0.5	
			44	608	216	8.2	5.5	4.1	3.3	2.7	2.1	1.7	1.4	1.2	1.0	0.9	0.8	0.7	0.6	



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