

# MONSOON



## Irrigators Australia Pty Ltd

### RAPTOR BOOM MODELS



- Fully Galvanised
- Foldable Sections
- Superb Uniformity
- Low Pressure
- Cost Saving
- Light Weight

27 / 35 • Fixed Height • Adjustable Track • 2 Wheel

BOOM	NOZZLE	ATM	TOTAL CAPACITY			IRRIGATED AREA	SPEED MT.H. RATE AND INLET PRESSURE													
			Sec	min	H		10		20		30		40		50		75		100	
							mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR
27 / 35	Green	1	5.02	301	18.1	0.78	58.30	1.6	29.1	1.8	19.4	2	14.6	2.1	11.7	2.3	7.8	2.7	5.8	3.1
		2	7.12	427	25.6		82.60	3.1	41.3	3.2	27.5	3.4	20.7	3.6	16.5	3.7	11.0	4.2	8.3	4.6
		3	8.66	507	30.4		98.20	4.4	49.1	4.6	32.7	4.8	24.6	4.9	19.6	5.1	13.1	5.5	9.8	5.9
	Yellow	1	5.88	353	21.2	0.78	68.30	1.8	34.2	2.0	22.8	2.1	17.1	2.3	13.7	2.5	9.1	2.9	6.8	3.3
		2	8.16	489	29.4		94.70	3.3	47.4	3.5	31.6	3.7	23.7	3.8	18.9	4.0	12.6	4.4	9.5	4.8
		3	10.02	601	36.1		116.30	4.9	58.2	5.0	38.8	5.2	29.1	5.4	23.3	5.5	15.5	6.0	11.6	6.4
	Red	1	6.92	415	24.9	0.78	80.40	2.0	40.2	2.2	26.8	2.4	20.1	2.5	16.1	2.7	10.7	3.1	8	3.5
		2	9.54	573	34.4		110.80	3.7	55.4	3.9	34.9	4.1	27.7	4.2	22.2	4.4	14.8	4.8	11.1	5.2
		3	11.58	695	41.7		134.40	5.4	67.2	5.6	44.8	5.7	33.6	5.9	26.9	6.1	17.9	6.5	13.4	6.9
Black	1	9.35	561	33.7	0.78	108.60	2.7	54.3	2.8	36.2	3.0	27.1	3.2	21.7	3.3	14.5	3.8	10.9	4.2	
	2	13.18	791	47.5		153.10	5.0	76.5	5.2	51.0	5.4	38.3	5.5	30.6	5.7	20.4	6.1	15.3	6.5	
	3	15.65	939	56.3		181.70	7.1	90.9	7.3	60.6	7.4	45.4	7.6	36.3	7.8	24.2	8.2	18.2	8.6	

39 / 47 • Fixed Height • Adjustable Track • 4 Wheel

BOOM	NOZZLE	ATM	TOTAL CAPACITY			IRRIGATED AREA	SPEED MT.H. RATE AND INLET PRESSURE													
			Sec	min	H		10		20		30		40		50		75		100	
							mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR
39 / 47	Green	1	6.15	369,255	22.16	1.55	51.5	1.8	25.8	1.9	17.2	2.1	12.9	2.3	10.3	2.4	6.9	2.9	5.2	3.3
		2	8.78	526,914	31.61		73.5	3.3	36.8	3.5	24.5	3.7	18.4	3.8	14.7	4	9.8	4.4	7.4	4.8
		3	10.62	625,493	37.53		87.3	4.8	43.6	4.9	29.1	5.1	21.8	5.3	17.5	5.4	11.6	5.8	8.7	6.3
	Yellow	1	7.32	438,957	26.34	1.55	61.2	2	30.6	2.2	20.4	2.3	15.3	2.5	12.2	2.7	8.2	3.1	6.1	3.5
		2	10.18	610,557	36.63		85.2	3.7	42.6	3.9	28.4	4	21.3	4.2	17	4.4	11.4	4.8	8.5	5.2
		3	12.52	750,957	45.06		104.8	5.4	52.4	5.6	34.9	5.7	26.2	5.9	21	6.1	14	6.5	10.5	6.9
	Red	1	8.71	522,600	31.36	1.55	72.9	2.3	36.5	2.5	24.3	2.6	18.2	2.8	14.6	3	9.7	3.4	7.3	3.8
		2	12.03	722,981	43.32		100.8	4.2	50.4	4.4	33.6	4.6	25.2	4.7	20.2	4.9	13.4	5.3	10.1	5.7
		3	14.61	876,421	52.59		122.3	6.1	61.1	6.3	40.8	6.5	30.6	6.6	24.5	6.8	16.3	7.2	12.2	7.6
Black	1	12.76	765,728	45.94	1.55	106.8	3.5	53.4	3.6	35.6	3.8	26.7	4	21.4	4.1	14.2	4.6	10.7	5	
	2	18.04	108,237	64.94		151.0	6.6	75.5	6.7	50.3	6.9	37.8	7.1	30.2	7.2	20.1	7.6	15.1	8.1	
	3	21.4	128,401	77.04		179.2	9.2	89.6	9.4	59.7	9.5	44.8	9.7	35.8	9.9	23.9	10.3	17.9	10.7	



# MONSOON



## Irrigators Australia Pty Ltd

### RAPTOR BOOM MODELS



- Quick Assembly
- Optional Adjustable Height to 2 Metres on selected models
- Adjustable Wheel Tracks
- Water Efficient
- Easy Operation

**47 / 55** • Fixed Height • Adjustable Track • 4 Wheel

		110					330													
BOOM	NOZZLE	ATM	TOTAL CAPACITY			IRRIGATED AREA	SPEED MT-H RATE AND INLET PRESSURE													
			Sec	min	H		10		20		30		40		50		75		100	
							mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR
47 / 55	Green	1	7.42	445	26.7	1.73	52.40	1.7	26.2	1.8	17.5	2	13.1	2.2	10.5	2.3	7	2.8	5.2	3.2
		2	10.58	635	38.1		74.70	3.1	37.4	3.3	24.9	3.5	18.7	3.6	14.9	3.8	10.0	4.2	7.5	4.6
		3	12.56	754	45.2		88.70	4.5	44.3	4.7	29.6	4.8	22.2	5	17.7	5.2	11.8	5.6	8.9	6
	Yellow	1	8.82	529	31.7	1.73	42.20	1.9	31.1	2.0	20.7	2.2	15.6	2.4	12.4	2.5	8.3	2.9	6.2	3.4
		2	12.26	736	44.2		86.60	3.4	43.3	3.6	28.9	3.8	21.6	3.9	17.3	4.1	11.5	4.5	8.7	4.9
		3	15.08	905	54.3		106.50	5	53.2	5.2	35.5	5.4	26.6	5.5	21.3	5.7	14.2	6.1	10.6	6.5
	Red	1	10.5	630	37.8	1.73	74.10	2.1	37	2.3	24.7	2.5	18.5	2.6	14.8	2.8	9.9	3.2	7.4	3.6
		2	14.5	870	52.2		102.40	3.9	51.2	4.1	34.1	4.2	25.6	4.4	20.5	4.6	13.7	5	10.2	5.4
		3	17.6	1056	63.4		124.30	5.7	62.1	5.8	41.4	6	31.1	6.2	24.9	6.3	16.6	6.7	12.4	7.2
Black	1	15.38	923	55.4	1.73	108.50	3.1	54.3	3.3	36.2	3.4	27.1	3.6	21.7	3.8	14.5	4.2	10.9	4.6	
	2	21.74	1304	78.3		153.50	5.9	76.7	6	51.2	6.2	38.4	6.4	30.7	6.5	20.5	6.9	15.3	7.4	
	3	25.79	1547	92.8		182.00	8.2	91	8.4	60.7	8.6	45.5	8.7	36.4	8.9	24.3	9.3	18.2	9.7	

**47 / 55** • Fixed or Adjustable Height • Adjustable Track • 4 Wheel

		125					420													
BOOM	NOZZLE	ATM	TOTAL CAPACITY			IRRIGATED AREA	SPEED MT-H RATE AND INLET PRESSURE													
			Sec	min	H		10		20		30		40		50		75		100	
							mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR	mm	BAR
47 / 55	Green	1	7.42	445	26.7	2.14	52.40	1.5	26.2	1.7	17.5	1.8	13.1	2	10.5	2.2	7	2.6	5.2	3
		2	10.58	635	38.1		74.70	2.8	37.4	3	24.9	3.1	18.7	3.3	14.9	3.5	10.0	3.9	7.5	4.3
		3	12.56	754	45.2		88.70	4.1	44.3	4.2	29.6	4.4	22.2	4.6	17.7	4.7	11.8	5.1	8.9	5.6
	Yellow	1	8.82	529	31.7	2.14	42.20	1.6	31.1	1.8	20.7	2	15.6	2.1	12.4	2.3	8.3	2.7	6.2	3.1
		2	12.26	736	44.2		86.60	3	43.3	3.2	28.9	3.3	21.6	3.5	17.3	3.7	11.5	4.1	8.7	4.5
		3	15.08	905	54.3		106.50	4.4	53.2	4.6	35.5	4.7	26.6	4.9	21.3	5.1	14.2	5.6	10.6	5.9
	Red	1	10.5	630	37.8	2.14	74.10	1.8	37	2	24.7	2.1	18.5	2.3	14.8	2.5	9.9	2.9	7.4	3.3
		2	14.5	870	52.2		102.40	3.3	51.2	3.5	34.1	3.7	25.6	3.8	20.5	4	13.7	4.4	10.2	4.8
		3	17.6	1056	63.4		124.30	4.8	62.1	5	41.4	5.2	31.1	5.3	24.9	5.5	16.6	5.9	12.4	6.3
Black	1	15.38	923	55.4	2.14	108.50	2.5	54.3	2.6	36.2	2.8	27.1	3	21.7	3.1	14.5	3.5	10.9	4	
	2	21.74	1304	78.3		153.50	4.6	76.7	4.8	51.2	4.9	38.4	5.1	30.7	5.3	20.5	5.7	15.3	6.1	
	3	25.79	1547	92.8		182.00	6.5	91	6.7	60.7	6.9	45.5	7	36.4	7.2	24.3	7.6	18.2	8	