STRENGTH
SIMPLICITY
DEPENDABILITY

1000 Series Irrigation Reels

Cadman

iWater™

WWW.CADMANMINI.COM

1100 1250 1500 1800 2000S

About Us

Cadman Power Equipment has been a recognized leader in irrigation since 1952. Our motto: Strength, Simplicity and Dependability is more than just words - it is the philosophy behind everything we do. Our company has been providing effective, economical, and efficient solutions for your irrigation needs for over 65 years.

At Cadman, we provide total solutions to meet your irrigation requirements, including: Irrigation Travellers of all sizes, Irrigation Booms, Sprinklers, Power Units, Pumps, Broadcast Carts, Hose, Pipe, and Fittings. With our talented technical representatives, we have the capabilities to design an irrigation system tailored specifically to any project.

Cadman has focused on the manufacturing of irrigation equipment since the 1980s, with the design of our own Irrigation Travellers. The Travellers provide farmers with an efficient method to deliver large volumes of water to their crops in a more effective manner; saving both time and money.

Through innovation and constant improvement, Cadman works continuously to introduce the latest technologies to farmers while continuing to deliver Strength, Simplicity, and Dependability.

iWater

When applying water for irrigation, precision is important and accuracy is key. However, with smaller travelling gun systems, consistency has been an issue. Why? They lack accurate speed compensation. Cadman is the first manufacturer to produce a computer-controlled mini machine with accurate speed compensation.

The computer does all of the work - the user only needs to pull out the hose, tell the computer what retrieve rate to use, engage the clutch - and walk away.

Accurate, Computer-Controlled Speed Compensation

Irrigation on this scale has never been so easy!

"If I set it for 1 inch a minute, that's what I get every time. Its perfect, no complaints!" says Dave Dyreck, Vegetable Farmer from Chicago, IL. "It is the ultimate machine for my small well!"

1100 1250 1500 1800 2000S

Strength • Simplicity Dependability

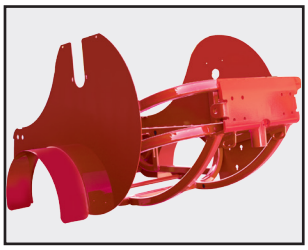
These are more than just words to us. We have designed and manufactured every single one of our mini travellers with these qualities in mind.

Benefits

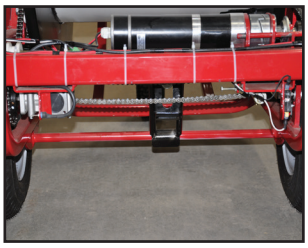
- One man operation
- Environmentally friendly
- Built to handle rough industrial terrain
- Built to outlast the competition
- Even water distribution

Features

- Simple two push button controls
- Solar power option available
- Strong tubular frame
- Well-protected electric drive system
- Control retrieval speed with iWater
- Only make in the industry with accurate speed compensation

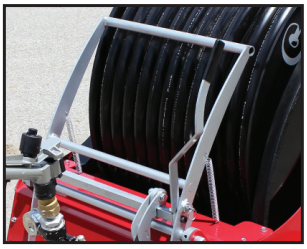


Rugged Frame
The frame is a uni-body construction utilizing 2" x 2" heavy wall tubing. The tubing is then matted with a 10 gauge skin which gives the overall structure superior strength.

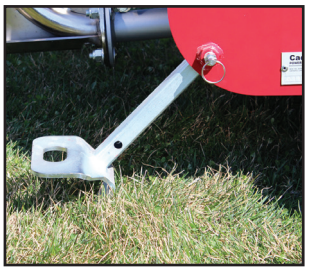


Accurate Hose Indexing
Cadman's hose guide system keeps the polyethylene hose in its place accurately and efficiently. With its rugged design, maintenance is kept to a minimum.

Heavy Duty Drum
The one-piece drum core is made from heavy duty steel plate for continuous support.
The core diameter is oversized to prevent stress on the hose, ensuring longer life and simplifying the wrapping of the hose.

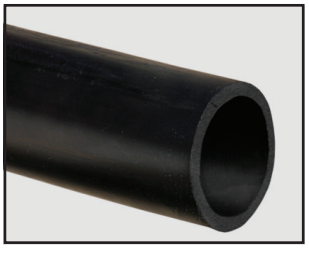


Auto-Stop
If the hose guide malfunctions for any reason the auto-stop bar is pushed which stops the drum from turning and preventing hose damage.

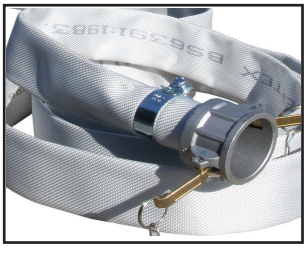


Stabilizers & Front Hitch
The stabilizers operate by simply removing the transport pin & placing the foot of the leg into the ground which prevents the Traveller from moving while the hose is winding in.

Sprinkler & Cart
We carry Komet and Nelson Sprinklers. All Cadman sprinkler carts are built with steel tubing and then are painted to last. Extensions can be added to raise the sprinkler to further heights. High carts are available for the 1500, 1800 and 2000S models.



High Quality Hose
Cadman Travellers use only the best quality hose available. Our polyethylene hose is manufactured to ASTM and CSA standards for rough field use and longevity.



Feeder Hose
The Cadman 1100 & 1250 Mini-Travellers come with a 1.5" x 15' feeder hose and the 1500, 1800 and 2000S models come with 2"x 20' feeder hose to connect the 1000 mini Series traveller to your main line. Quality high pressure hose, clamps and fittings are used throughout.

1100

- Hose I.D.: 1.1" / 28mm
- Length: 250' / 76m
- Weight: 521lbs / 240kg
- Flow Range: 3.6 - 22GPM / 0.8 - 5m³/hr

Model 1100	Inlet Pressure		Nozzle Size	Sprinkler							Recommended Lane Spacing		Travel Speed																		Area Covered	
				Pressure		Flow			Maximum				m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min		
O.D. - 33mm / 1.3"	BAR	PSI		BAR	PSI	l/min	m³/hr	GPM	Wetted Diameter				4.6	3	7.6	5	10.7	7	15.2	10	22.9	15	30.5	20	38.1	25	45.7	30		
													Depth of Application																		
I.D. - 28mm / 1.1"													mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Ha	Ac
L - 76m / 250'	2.1	30	4mm / 0.16"	2.0	29	13.6	0.8	3.6	26.5m	87'	21.3m	70'	8.4	0.33	5.0	0.20	3.6	0.14	2.5	0.10	1.7	0.07	1.3	0.05	1.0	0.04	0.8	0.03	0.16	0.40
	3.2	46	4mm / 0.16"	3.0	44	16.7	1.0	4.4	30.2m	99'	24.1m	79'	9.1	0.36	5.4	0.21	3.9	0.15	2.7	0.11	1.8	0.07	1.4	0.05	1.1	0.04	0.9	0.04	0.18	0.45
	2.1	31	5mm / 0.20"	2.0	29	21.6	1.3	5.7	28.7m	94'	22.9m	75'	12.4	0.49	7.4	0.29	5.3	0.21	3.7	0.15	2.5	0.10	1.9	0.07	1.5	0.06	1.2	0.05	0.17	0.43
	3.2	47	5mm / 0.20"	3.0	44	26.5	1.6	7	32.3m	106'	25.9m	85'	13.4	0.53	8.1	0.32	5.8	0.23	4.0	0.16	2.7	0.11	2.0	0.08	1.6	0.06	1.3	0.05	0.20	0.49
Performance	4.8	69	5mm / 0.20"	4.5	65	32.6	2.0	8.6	36.6m	120'	29.3m	96'	14.6	0.57	8.8	0.34	6.3	0.25	4.4	0.17	2.9	0.11	2.2	0.09	1.8	0.07	1.5	0.06	0.22	0.55
Shown With	2.2	32	6mm / 0.24"	2.0	29	31.0	1.9	8.2	29.9m	98'	23.8m	78'	17.1	0.67	10.3	0.40	7.3	0.29	5.1	0.20	3.4	0.13	2.6	0.10	2.1	0.08	1.7	0.07	0.18	0.45
Komet F43	3.4	49	6mm / 0.24"	3.0	44	38.2	2.3	10.1	34.1m	112'	27.4m	90'	18.3	0.72	11.0	0.43	7.8	0.31	5.5	0.22	3.7	0.14	2.7	0.11	2.2	0.09	1.8	0.07	0.21	0.52
Sprinkler	2.4	35	7mm / 0.28"	2.0	29	42.8	2.6	11.3	31.7m	104'	25.3m	83'	22.2	0.87	13.3	0.52	9.5	0.37	6.7	0.26	4.4	0.17	3.3	0.13	2.7	0.10	2.2	0.09	0.19	0.48
	5.4	78	7mm / 0.28"	4.5	65	63.6	3.8	16.8	40.8m	134'	32.6m	107'	25.6	1.01	15.4	0.60	11.0	0.43	7.7	0.30	5.1	0.20	3.8	0.15	3.1	0.12	2.6	0.10	0.25	0.61
	2.7	39	8mm / 0.31"	2.0	29	55.6	3.3	14.7	32.3m	106'	25.9m	85'	28.2	1.11	16.9	0.67	12.1	0.48	8.5	0.33	5.6	0.22	4.2	0.17	3.4	0.13	2.8	0.11	0.20	0.49
	4.0	58	8mm / 0.31"	3.0	44	67.8	4.1	17.9	37.2m	122'	29.9m	98'	29.8	1.17	17.9	0.70	12.8	0.50	8.9	0.35	6.0	0.23	4.5	0.18	3.6	0.14	3.0	0.12	0.23	0.56
	5.9	86	8mm / 0.31"	4.5	65	83.3	5.0	22	42.7m	140'	34.1m	112'	32.0	1.26	19.2	0.76	13.7	0.54	9.6	0.38	6.4	0.25	4.8	0.19	3.8	0.15	3.2	0.13	0.26	0.64
Hours For Full Irrigation Pull													16.7		10.0		7.1		5.0		3.3		2.5		2.0		1.7			

1250

- Hose I.D.: 1.25" / 32mm
- Length: 230' / 70m
- Weight: 650lbs / 295kg
- Flow Range: 9 - 50GPM / 2 - 11.4m³/hr

Model 1250	Inlet Pressure		Nozzle Size	Sprinkler							Recommended Lane Spacing		Travel Speed																		Area Covered	
				Pressure		Flow			Maximum				m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min		
O.D. - 37mm / 1.45"	BAR	PSI		BAR	PSI	l/min	m³/hr	GPM	Wetted Diameter				4.6	3	7.6	5	10.7	7	15.2	10	22.9	15	30.5	20	38.1	25	45.7	30		
													Depth of Application																		
I.D. - 32mm / 1.25"													mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Ha	Ac
L - 70m / 230'	2.6	38	6mm / 0.24"	2.5	36	34.1	2.0	9	32.9m	108'	26.2m	86'	17.1	0.67	10.2	0.40	7.3	0.29	5.1	0.20	3.4	0.13	2.6	0.10	2.0	0.08	1.7	0.07	0.18	0.45
	4.7	68	6mm / 0.24"	4.5	65	45.4	2.7	12	42.1m	138'	33.5m	110'	17.8	0.70	10.7	0.42	7.6	0.30	5.3	0.21	3.6	0.14	2.7	0.11	2.1	0.08	1.8	0.07	0.24	0.58
	2.3	34	8mm / 0.31"	2.0	29	56.8	3.4	15	36.0m	118'	28.7m	94'	26.0	1.02	15.6	0.61	11.1	0.44	7.8	0.31	5.2	0.20	3.9	0.15	3.1	0.12	2.6	0.10	0.20	0.50
	4.6	67	8mm / 0.31"	4.0	58	79.5	4.8	21	43.9m	144'	35.1m	115'	29.8	1.17	17.9	0.70	12.8	0.50	8.9	0.35	6.0	0.23	4.5	0.18	3.6	0.14	3.0	0.12	0.25	0.61
Performance	2.8	40	10mm / 0.40"	2.0	29	87.1	5.2	23	39.0m	128'	31.1m	102'	36.8	1.45	22.1	0.87	15.8	0.62	11.0	0.43	7.4	0.29	5.5	0.22	4.4	0.17	3.7	0.14	0.22	0.54
Shown With	5.4	78	10mm / 0.40"	4.0	58	121.1	7.3	32	48.2m	158'	38.4m	126'	41.4	1.63	24.8	0.98	17.7	0.70	12.4	0.49	8.3	0.33	6.2	0.24	5.0	0.20	4.1	0.16	0.27	0.67
Komet R20	4.3	62	12mm / 0.47"	2.5	36	140.1	8.4	37	43.9m	144'	35.1m	115'	52.4	2.06	31.5	1.24	22.5	0.88	15.7	0.62	10.5	0.41	7.9	0.31	6.3	0.25	5.2	0.21	0.25	0.61
Sprinkler	7.7	111	12mm / 0.47"	4.5	65	189.3	11.4	50	51.8m	170'	41.5m	136'	59.9	2.36	36.0	1.42	25.7	1.01	18.0	0.71	12.0	0.47	9.0	0.35	7.2	0.28	6.0	0.24	0.29	0.72
Hours For Full Irrigation Pull													15.3		9.2		6.6		4.6		3.1		2.3		1.8		1.5			

1500

- Hose I.D.: 1.5” / 38mm
- Length: 350’ / 107m
- Weight: 1102lbs / 500kg
- Flow Range: 24 - 73GPM / 5.5-16.6m³/hr

Model 1500	Inlet Pressure		Nozzle Size	Sprinkler							Recommended Lane Spacing		Travel Speed																		Area Covered	
				Pressure		Flow			Maximum Wetted Diameter				m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min		
													4.6	3	7.6	5	10.7	7	15.2	10	22.9	15	30.5	20	38.1	25	45.7	30				
O.D. - 46mm / 1.8"													Depth of Application																			
	BAR	PSI		BAR	PSI	l/min	m³/hr	GPM					mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Ha	Ac
I.D. - 38mm / 1.5"	2.6	37	10mm / 0.39"	2.1	30	90.8	5.5	24	45.1m	148"	36.0m	118"	33.1	1.31	19.9	0.78	14.2	0.56	9.9	0.39	6.6	0.26	5.0	0.20	4.0	0.16	3.3	0.13	0.38	0.95
L - 107m / 350'	5.6	81	10mm / 0.39"	4.5	65	136.3	8.2	36	60.4m	198"	48.2m	158"	37.1	1.46	22.3	0.88	15.9	0.63	11.1	0.44	7.4	0.29	5.6	0.22	4.5	0.18	3.7	0.15	0.51	1.27
	7.7	111	10mm / 0.39"	6.2	90	159.0	9.5	42	69.2m	227"	55.5m	182"	37.6	1.48	22.6	0.89	16.1	0.63	11.3	0.44	7.5	0.30	5.6	0.22	4.5	0.18	3.8	0.15	0.59	1.46
	2.8	41	11mm / 0.43"	2.1	30	109.8	6.6	29	47.5m	156"	38.1m	125"	37.8	1.49	22.7	0.89	16.2	0.64	11.3	0.45	7.6	0.30	5.7	0.22	4.5	0.18	3.8	0.15	0.41	1.00
Performance	6.0	87	11mm / 0.43"	4.5	65	162.8	9.8	43	63.4m	208"	50.6m	166"	42.2	1.66	25.3	1.00	18.1	0.71	12.7	0.50	8.4	0.33	6.3	0.25	5.1	0.20	4.2	0.17	0.54	1.33
Shown With	8.3	120	11mm / 0.43"	6.2	90	193.1	11.6	51	72.5m	238"	57.9m	190"	43.7	1.72	26.2	1.03	18.7	0.74	13.1	0.52	8.7	0.34	6.6	0.26	5.2	0.21	4.4	0.17	0.62	1.53
Komet Twin Max	2.6	38	12mm / 0.47"	1.7	25	121.1	7.3	32	45.1m	148"	36.0m	118"	44.2	1.74	26.5	1.04	18.9	0.75	13.3	0.52	8.8	0.35	6.6	0.26	5.3	0.21	4.4	0.17	0.38	0.95
	9.1	132	12mm / 0.47"	6.2	90	230.9	13.9	61	75.6m	248"	60.4m	198"	50.2	1.98	30.1	1.19	21.5	0.85	15.1	0.59	10.0	0.40	7.5	0.30	6.0	0.24	5.0	0.20	0.64	1.59
	2.9	42	13mm / 0.51"	1.7	25	140.1	8.4	37	47.5m	156"	38.1m	125"	48.2	1.90	28.9	1.14	20.7	0.81	14.5	0.57	9.6	0.38	7.2	0.28	5.8	0.23	4.8	0.19	0.41	1.00
	9.0	130	13mm / 0.51"	5.5	80	253.6	15.2	67	75.6m	248"	60.4m	198"	55.2	2.17	33.1	1.30	23.6	0.93	16.5	0.65	11.0	0.43	8.3	0.33	6.6	0.26	5.5	0.22	0.64	1.59
	3.2	47	14mm / 0.55"	1.7	25	162.8	9.8	43	49.7m	163"	39.6m	130"	53.9	2.12	32.3	1.27	23.1	0.91	16.2	0.64	10.8	0.42	8.1	0.32	6.5	0.25	5.4	0.21	0.42	1.04
	8.8	128	14mm / 0.55"	4.8	70	276.3	16.6	73	74.4m	244"	59.4m	195"	61.0	2.40	36.6	1.44	26.1	1.03	18.3	0.72	12.2	0.48	9.2	0.36	7.3	0.29	6.1	0.24	0.63	1.57
Hours For Full Irrigation Pull													23.3		14.0		10.0		7.0		4.7		3.5		2.8		2.3			

1800

- Hose I.D.: 1.8” / 46mm
- Length: 400’ / 122m
- Weight: 1285lbs / 583kg
- Flow Range: 24 - 120GPM / 5.5 - 27.3m³/hr

Model 1800	Inlet Pressure		Nozzle Size	Sprinkler							Recommended Lane Spacing		Travel Speed																		Area Covered	
				Pressure		Flow			Maximum Wetted Diameter				m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min		
													4.6	3	7.6	5	10.7	7	15.2	10	22.9	15	30.5	20	38.1	25	45.7	30				
O.D. - 55mm / 2.2"													Depth of Application																			
	BAR	PSI		BAR	PSI	l/min	m³/hr	GPM					mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Ha	Ac
I.D. - 46mm / 1.8"	2.3	34	10mm / 0.39"	2.1	30	90.8	5.5	24	45.1m	148'	36.1m	118'	33.0	1.30	19.8	0.78	14.2	0.56	9.9	0.39	6.6	0.26	5.0	0.20	4.0	0.16	3.3	0.13	0.44	1.09
L - 122m / 400'	5.0	72	10mm / 0.39"	4.5	65	136.3	8.2	36	60.4m	198'	48.3m	158'	37.0	1.46	22.2	0.88	15.9	0.63	11.1	0.44	7.4	0.29	5.6	0.22	4.4	0.18	3.7	0.15	0.59	1.45
	6.9	100	10mm / 0.39"	6.2	90	159.0	9.5	42	69.2m	227'	55.4m	182'	37.7	1.48	22.6	0.89	16.2	0.64	11.3	0.45	7.5	0.30	5.7	0.22	4.5	0.18	3.8	0.15	0.67	1.67
	2.4	35	11mm / 0.43"	2.1	30	109.8	6.6	29	47.5m	156'	38.0m	125'	37.9	1.49	22.7	0.89	16.2	0.64	11.4	0.45	7.6	0.30	5.7	0.22	4.5	0.18	3.8	0.15	0.46	1.15
Performance	5.2	75	11mm / 0.43"	4.5	65	162.8	9.8	43	63.4m	208'	50.7m	166'	42.1	1.66	25.3	0.99	18.1	0.71	12.6	0.50	8.4	0.33	6.3	0.25	5.1	0.20	4.2	0.17	0.62	1.53
Shown With	7.2	104	11mm / 0.43"	6.2	90	193.1	11.6	51	72.5m	238'	58.0m	190'	43.7	1.72	26.2	1.03	18.7	0.74	13.1	0.52	8.7	0.34	6.5	0.26	5.2	0.21	4.4	0.17	0.71	1.75
Komet Twin Max	2.1	31	12mm / 0.47"	1.7	25	121.1	7.3	32	45.1m	148'	36.1m	118'	44.1	1.73	26.4	1.04	18.9	0.74	13.2	0.52	8.8	0.35	6.6	0.26	5.3	0.21	4.4	0.17	0.44	1.09
	7.6	110	12mm / 0.47"	6.2	90	230.9	13.9	61	75.6m	248'	60.5m	198'	50.1	1.97	30.1	1.18	21.5	0.85	15.0	0.59	10.0	0.39	7.5	0.30	6.0	0.24	5.0	0.20	0.74	1.82
	2.3	33	13mm / 0.51"	1.7	25	140.1	8.4	37	47.5m	156'	38.0m	125'	48.3	1.90	29.0	1.14	20.7	0.82	14.5	0.57	9.7	0.38	7.2	0.29	5.8	0.23	4.8	0.19	0.46	1.15
	8.0	116	13mm / 0.51"	6.2	90	268.8	16.1	71	78.9m	259'	63.2m	207'	55.8	2.20	33.5	1.32	23.9	0.94	16.8	0.66	11.2	0.44	8.4	0.33	6.7	0.26	5.6	0.22	0.77	1.90
	2.4	35	14mm / 0.55"	1.7	25	162.8	9.8	43	49.7m	163'	39.7m	130'	53.7	2.12	32.2	1.27	23.0	0.91	16.1	0.63	10.7	0.42	8.1	0.32	6.4	0.25	5.4	0.21	0.48	1.20
	8.6	125	14mm / 0.55"	6.2	90	314.2	18.9	83	82.0m	269'	65.6m	215'	62.9	2.47	37.7	1.48	26.9	1.06	18.9	0.74	12.6	0.49	9.4	0.37	7.5	0.30	6.3	0.25	0.80	1.98
	2.9	42	16mm / 0.63"	1.7	25	215.8	12.9	57	53.9m	177'	43.2m	142'	65.6	2.58	39.4	1.55	28.1	1.11	19.7	0.77	13.1	0.52	9.8	0.39	7.9	0.31	6.6	0.26	0.53	1.30
	9.0	131	16mm / 0.63"	5.2	75	386.1	23.2	102	81.4m	267'	65.1m	214'	77.8	3.06	46.7	1.84	33.4	1.31	23.3	0.92	15.6	0.61	11.7	0.46	9.3	0.37	7.8	0.31	0.79	1.96
	3.6	52	18mm / 0.71"	1.7	25	272.5	16.4	72	58.2m	191'	46.6m	153'	76.8	3.02	46.1	1.81	32.9	1.30	23.0	0.91	15.4	0.60	11.5	0.45	9.2	0.36	7.7	0.30	0.57	1.40
	9.6	139	18mm / 0.71"	4.5	65	454.2	27.3	120	80.8m	265'	64.6m	212'	92.3	3.63	55.4	2.18	39.5	1.56	27.7	1.09	18.5	0.73	13.8	0.54	11.1	0.44	9.2	0.36	0.79	1.95
Hours For Full Irrigation Pull													26.7		16.0		11.4		8.0		5.3		4.0		3.2		2.7			

2000S

- Hose I.D.: 2.0’ / 50mm
- Length: 350’ / 107m
- Weight: 1400lbs / 635kg
- Flow Range: 24 - 159GPM /5.5 - 36.1m³/hr

Model 2000S	Inlet Pressure		Nozzle Size	Sprinkler							Recommended Lane Spacing		Travel Speed																Area Covered	
				Pressure		Flow			Maximum				m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min		
													4.6	3	7.6	5	10.7	7	15.2	10	22.9	15	30.5	20	38.1	25	45.7	30		
O.D. - 58mm / 2.3"	BAR	PSI		BAR	PSI	l/min	m³/hr	GPM	Wetted Diameter				Depth of Application																	
													mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	Ha	Ac
I.D. - 50mm / 2.0"	2.2	32	10mm / 0.39"	2.1	30	90.8	5.5	24	45.1m	148'	36.1m	118'	33.0	1.30	19.8	0.78	14.2	0.56	9.9	0.39	6.6	0.26	5.0	0.20	4.0	0.16	3.3	0.13	0.38	0.95
L - 107m / 350'	6.6	95	10mm / 0.39"	6.2	90	193.1	11.6	51	72.5m	238'	58.0m	190'	43.7	1.72	26.2	1.03	18.7	0.74	13.1	0.52	8.7	0.34	6.5	0.26	5.2	0.21	4.4	0.17	0.62	1.53
	1.9	28	12mm / 0.47"	1.7	25	121.1	7.3	32	45.1m	148'	36.1m	118'	44.1	1.73	26.4	1.04	18.9	0.74	13.2	0.52	8.8	0.35	6.6	0.26	5.3	0.21	4.4	0.17	0.38	0.95
	6.9	100	12mm / 0.47"	6.2	90	230.9	13.9	61	75.6m	248'	60.5m	198'	50.1	1.97	30.1	1.18	21.5	0.85	15.0	0.59	10.0	0.39	7.5	0.30	6.0	0.24	5.0	0.20	0.65	1.59
Performance	2.1	31	14mm / 0.55"	1.7	25	162.8	9.8	43	49.7m	163'	39.7m	130'	53.7	2.12	32.2	1.27	23.0	0.91	16.1	0.63	10.7	0.42	8.1	0.32	6.4	0.25	5.4	0.21	0.42	1.05
Shown With	7.4	108	14mm / 0.55"	6.2	90	302.8	18.2	80	78.3m	257'	62.7m	206'	63.4	2.50	38.1	1.50	27.2	1.07	19.0	0.75	12.7	0.50	9.5	0.37	7.6	0.30	6.3	0.25	0.67	1.65
Komet Twin Max	2.3	34	16mm / 0.63"	1.7	25	215.8	12.9	57	53.9m	177'	43.2m	142'	65.6	2.58	39.4	1.55	28.1	1.11	19.7	0.77	13.1	0.52	9.8	0.39	7.9	0.31	6.6	0.26	0.46	1.14
	8.3	120	16mm / 0.63"	6.2	90	378.5	22.7	100	84.4m	277'	67.5m	222'	73.5	2.90	44.1	1.74	31.5	1.24	22.1	0.87	14.7	0.58	11.0	0.43	8.8	0.35	7.4	0.29	0.72	1.78
	2.5	36	17mm / 0.67"	1.7	25	242.3	14.5	64	56.4m	185'	45.1m	148'	70.5	2.77	42.3	1.66	30.2	1.19	21.1	0.83	14.1	0.55	10.6	0.42	8.5	0.33	7.0	0.28	0.48	1.19
	8.8	127	17mm / 0.67"	6.2	90	416.4	25.0	110	86.9m	285'	69.5m	228'	78.6	3.10	47.2	1.86	33.7	1.33	23.6	0.93	15.7	0.62	11.8	0.46	9.4	0.37	7.9	0.31	0.74	1.83
	2.7	39	18mm / 0.71"	1.7	25	272.5	16.4	72	58.2m	191'	46.6m	153'	76.8	3.02	46.1	1.81	32.9	1.30	23.0	0.91	15.4	0.60	11.5	0.45	9.2	0.36	7.7	0.30	0.50	1.23
	5.3	77	18mm / 0.71"	3.4	50	352.0	21.1	93	73.8m	242'	59.0m	194'	78.3	3.08	47.0	1.85	33.6	1.32	23.5	0.92	15.7	0.62	11.7	0.46	9.4	0.37	7.8	0.31	0.63	1.56
	9.3	135	18mm / 0.71"	6.2	90	477.0	28.6	126	89.0m	292'	71.2m	234'	87.9	3.46	52.7	2.08	37.7	1.48	26.4	1.04	17.6	0.69	13.2	0.52	10.5	0.42	8.8	0.35	0.76	1.88
	3.2	46	20mm / 0.79"	1.7	25	336.9	20.2	89	61.6m	202'	49.3m	162'	89.8	3.53	53.9	2.12	38.5	1.51	26.9	1.06	18.0	0.71	13.5	0.53	10.8	0.42	9.0	0.35	0.53	1.30
	5.6	81	20mm / 0.79"	3.1	45	416.4	25.0	110	76.8m	252'	61.4m	202'	88.9	3.50	53.4	2.10	38.1	1.50	26.7	1.05	17.8	0.70	13.3	0.53	10.7	0.42	8.9	0.35	0.66	1.62
	9.7	141	20mm / 0.79"	5.5	80	567.8	34.1	150	93.0m	305'	74.4m	244'	100.2	3.94	60.1	2.37	42.9	1.69	30.1	1.18	20.0	0.79	15.0	0.59	12.0	0.47	10.0	0.39	0.79	1.96
Hours For Full Irrigation Pull													23.3		14.0		10.0		7.0		4.7		3.5		2.8		2.3			

Why is the Electric Drive Better?

- The electric drive makes minimum operating pressure obsolete
- Electric drive allows for accurate computer control of speed and accurate speed compensation to ensure that the same amount of water is applied at both ends of the run
- The mini now can essentially operate at any pressure (minimum levels are required for gun efficiency)
- Water no longer comes in contact with any moving parts
- Has the ability to operate at much slower and faster retrieval speeds (from as slow as 1” (2.5cm) per minute up to 150” (381cm) per minute
- Each mini includes two batteries and a trickle charger. This allows the operator to run the machine while charging a spare battery. At full charge, the machine is capable of retracting the hose from 10 - 18 times.
- Electric drive saves you on pumping costs and eliminates pressure loss across a turbine and mess due to water discharged from a bellows drive

INFINITI DRIVE™

2000ST

- Hose I.D.: 2.0" / 50mm
- Length: 350' / 107m
- Weight: 1440lbs / 653kg
- Flow Range: 48 - 210GPM / 10.9 - 47.7m³/hr

Model 2000ST	Inlet Pressure		Nozzle Size	Sprinkler							Recommended Lane Spacing		Travel Speed																Area Covered	
				Pressure		Flow			Maximum Wetted Diameter				m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min	m/hr	in/min		
O.D. - 58mm / 2.3"													91.4	60	106.7	70	121.9	80	137.2	90	152.4	100	167.6	110	182.9	120	198.1	130		
I.D. - 50mm / 2.0"	BAR	PSI		BAR	PSI	l/min	m³/hr	GPM					Depth of Application																Ha	Ac
L - 107m / 350'													mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		
	2.6	37	10mm / 0.39"	2.1	30	181.7	10.9	48	46.3m	152'	37.1m	122'	3.2	0.13	2.8	0.11	2.4	0.09	2.1	0.08	1.9	0.08	1.8	0.07	1.6	0.06	1.5	0.06	0.40	0.98
	5.4	79	10mm / 0.39"	4.5	65	272.5	16.4	72	61.6m	202'	49.3m	162'	3.6	0.14	3.1	0.12	2.7	0.11	2.4	0.10	2.2	0.09	2.0	0.08	1.8	0.07	1.7	0.07	0.53	1.30
	7.5	109	10mm / 0.39"	6.2	90	302.8	18.2	80	69.2m	227'	55.4m	182'	3.6	0.14	3.1	0.12	2.7	0.11	2.4	0.09	2.2	0.08	2.0	0.08	1.8	0.07	1.7	0.07	0.59	1.46
	2.7	39	11mm / 0.43"	2.1	30	219.6	13.2	58	48.8m	160'	39.0m	128'	3.7	0.15	3.2	0.12	2.8	0.11	2.5	0.10	2.2	0.09	2.0	0.08	1.8	0.07	1.7	0.07	0.42	1.03
Performance	5.9	85	11mm / 0.43"	4.5	65	310.4	18.6	82	64.0m	210'	51.2m	168'	4.0	0.16	3.4	0.13	3.0	0.12	2.7	0.10	2.4	0.09	2.2	0.09	2.0	0.08	1.8	0.07	0.55	1.35
Shown With Dual	7.4	107	11mm / 0.43"	6.2	90	340.7	20.4	90	71.6m	235'	57.3m	188'	3.9	0.15	3.3	0.13	2.9	0.12	2.6	0.10	2.3	0.09	2.1	0.08	2.0	0.08	1.8	0.07	0.61	1.51
Komet Twin Max	2.5	36	12mm / 0.47"	1.7	25	242.3	14.5	64	46.3m	152'	37.1m	122'	4.3	0.17	3.7	0.14	3.2	0.13	2.9	0.11	2.6	0.10	2.3	0.09	2.1	0.08	2.0	0.08	0.40	0.98
	5.9	86	12mm / 0.47"	4.1	60	340.7	20.4	90	64.6m	212'	51.7m	170'	4.3	0.17	3.7	0.15	3.2	0.13	2.9	0.11	2.6	0.10	2.4	0.09	2.2	0.09	2.0	0.08	0.55	1.36
	8.8	127	12mm / 0.47"	6.2	90	412.6	24.8	109	73.8m	242'	59.0m	194'	4.6	0.18	3.9	0.15	3.4	0.14	3.1	0.12	2.8	0.11	2.5	0.10	2.3	0.09	2.1	0.08	0.63	1.56
	2.8	40	13mm / 0.51"	1.7	25	280.1	16.8	74	48.8m	160'	39.0m	128'	4.7	0.19	4.0	0.16	3.5	0.14	3.1	0.12	2.8	0.11	2.6	0.10	2.4	0.09	2.2	0.09	0.42	1.03
	6.0	87	13mm / 0.51"	3.8	55	397.5	23.8	105	64.6m	212'	51.7m	170'	5.0	0.20	4.3	0.17	3.8	0.15	3.4	0.13	3.0	0.12	2.8	0.11	2.5	0.10	2.3	0.09	0.55	1.36
	9.6	139	13mm / 0.51"	6.2	90	473.2	28.4	125	76.8m	252'	61.4m	202'	5.1	0.20	4.3	0.17	3.8	0.15	3.4	0.13	3.0	0.12	2.8	0.11	2.5	0.10	2.3	0.09	0.66	1.62
	3.1	45	14mm / 0.55"	1.7	25	302.8	18.2	80	49.4m	162'	39.5m	130'	5.0	0.20	4.3	0.17	3.8	0.15	3.4	0.13	3.0	0.12	2.7	0.11	2.5	0.10	2.3	0.09	0.42	1.04
	7.2	104	14mm / 0.55"	4.1	60	454.2	27.3	120	69.2m	227'	55.4m	182'	5.4	0.21	4.6	0.18	4.0	0.16	3.6	0.14	3.2	0.13	2.9	0.12	2.7	0.11	2.5	0.10	0.59	1.46
	9.6	139	14mm / 0.55"	5.5	80	511.0	30.7	135	76.8m	252'	61.4m	202'	5.5	0.21	4.7	0.18	4.1	0.16	3.6	0.14	3.3	0.13	3.0	0.12	2.7	0.11	2.5	0.10	0.66	1.62
	3.5	51	15mm / 0.59"	1.7	25	340.7	20.4	90	50.9m	167'	40.7m	134'	5.5	0.22	4.7	0.19	4.1	0.16	3.7	0.14	3.3	0.13	3.0	0.12	2.7	0.11	2.5	0.10	0.43	1.07
	8.1	117	15mm / 0.59"	4.1	60	530.0	31.8	140	71.6m	235'	57.3m	188'	6.1	0.24	5.2	0.20	4.6	0.18	4.0	0.16	3.6	0.14	3.3	0.13	3.0	0.12	2.8	0.11	0.61	1.51
	9.4	137	15mm / 0.59"	4.8	70	567.8	34.1	150	76.2m	250'	61.0m	200'	6.1	0.24	5.2	0.21	4.6	0.18	4.1	0.16	3.7	0.14	3.3	0.13	3.1	0.12	2.8	0.11	0.65	1.61
	4.0	58	16mm / 0.63"	1.7	25	378.5	22.7	100	51.8m	170'	41.5m	136'	6.0	0.24	5.1	0.20	4.5	0.18	4.0	0.16	3.6	0.14	3.3	0.13	3.0	0.12	2.8	0.11	0.44	1.09
	7.0	101	16mm / 0.63"	3.1	45	530.0	31.8	140	67.7m	222'	54.1m	178'	6.4	0.25	5.5	0.22	4.8	0.19	4.3	0.17	3.9	0.15	3.5	0.14	3.2	0.13	3.0	0.12	0.58	1.43
	9.2	133	16mm / 0.63"	4.1	60	586.7	35.2	155	74.7m	245'	59.7m	196'	6.4	0.25	5.5	0.22	4.8	0.19	4.3	0.17	3.9	0.15	3.5	0.14	3.2	0.13	3.0	0.12	0.64	1.57
	4.6	66	17mm / 0.67"	1.7	25	442.9	26.6	117	57.0m	187'	45.6m	150'	6.4	0.25	5.5	0.22	4.8	0.19	4.2	0.17	3.8	0.15	3.5	0.14	3.2	0.13	2.9	0.12	0.49	1.20
	7.1	103	17mm / 0.67"	2.8	40	560.2	33.6	148	68.6m	225'	54.9m	180'	6.7	0.26	5.7	0.23	5.0	0.20	4.5	0.18	4.0	0.16	3.7	0.14	3.4	0.13	3.1	0.12	0.59	1.45
	10.3	150	17mm / 0.67"	4.1	60	681.4	40.9	180	77.7m	255'	62.2m	204'	7.2	0.28	6.2	0.24	5.4	0.21	4.8	0.19	4.3	0.17	3.9	0.15	3.6	0.14	3.3	0.13	0.66	1.64
	5.2	76	18mm / 0.71"	1.7	25	507.2	30.4	134	57.9m	190'	46.3m	152'	7.2	0.28	6.2	0.24	5.4	0.21	4.8	0.19	4.3	0.17	3.9	0.15	3.6	0.14	3.3	0.13	0.49	1.22
	8.1	118	18mm / 0.71"	2.8	40	651.1	39.1	172	70.7m	232'	56.6m	186'	7.6	0.30	6.5	0.25	5.7	0.22	5.0	0.20	4.5	0.18	4.1	0.16	3.8	0.15	3.5	0.14	0.60	1.49
	10.1	146	18mm / 0.71"	3.4	50	715.4	42.9	189	70.7m	232'	56.6m	186'	8.3	0.33	7.1	0.28	6.2	0.25	5.5	0.22	5.0	0.20	4.5	0.18	4.1	0.16	3.8	0.15	0.60	1.49
	6.9	100	20mm / 0.79"	1.7	25	624.6	37.5	165	61.3m	201'	49.0m	161'	8.4	0.33	7.2	0.28	6.3	0.25	5.6	0.22	5.0	0.20	4.6	0.18	4.2	0.16	3.9	0.15	0.52	1.29
	8.1	118	20mm / 0.79"	2.1	30	696.5	41.8	184	67.1m	220'	53.6m	176'	8.5	0.34	7.3	0.29	6.4	0.25	5.7	0.22	5.1	0.20	4.6	0.18	4.3	0.17	3.9	0.15	0.57	1.41
	9.4	137	20mm / 0.79"	2.4	35	730.6	43.8	193	69.8m	229'	55.8m	183'	8.6	0.34	7.4	0.29	6.4	0.25	5.7	0.23	5.2	0.20	4.7	0.18	4.3	0.17	4.0	0.16	0.60	1.47
Hours For Full Irrigation Pull													1.2		1.0		0.9		0.8		0.7		0.6		0.6		0.5			

Advanced Synthetic Turf Cooling System

Features

- Computer controlled retrieval rate and speed compensation
- Battery-powered electric drive system
- Covers an entire football field in a single pull in 30 to 60 minutes
- Well protected drive system
- Only brand in the industry with accurate speed compensation
- Strong tubular frame
- Three wheel chassis for extra stability and easy handling with garden tractors or utility vehicles
- Dual-gun sprinkler cart for even coverage with high speed retrieval

Benefits

- Provides exactly the right amount of water from start of the run to finish
- No complicated systems with moving parts in contact with the water, save water pressure and maintenance costs
- Minimizes operating costs by maximizing coverage while irrigating
- Saves money and downtime by keeping critical components protected
- Cadman is the only brand that will deliver the right amount of water throughout your run
- Strong constructon means years of trouble-free operation
- Can be used in a variety of terrains, and moved easily in order to maximize coverage on fields or crops
- Dual sprinkler option allows for rapid distribution of water without sacrificing accuracy

Accessories

Sprinklers

Komet
F43

Komet
163

Komet
Twin Max

Nelson
SR75

Booster

1 HP Electric
Booster Pump

5.5 HP & 9 HP
Booster Pumps

Solar Panels

Solar Panel Kits are an optional add-on to help maximize the life cycle of batteries.

Chrome Hub Caps

Where can it be used?

Sports Fields
- Football
- Soccer
- Rugby
- Baseball
- Practice Fields
- Sports Complexes
- Turf Management
- Track & Field
- Field Hockey
- Lacrosse
- Equestrian
- Dust Control
- Dressage Rings
- Show Jumping
- Ranches
- Golf Courses

Agriculture
- Hobby Farms
- Gardens & Herbs
- Sod Farms
- Research Plots
- Conservation Areas

Home & Garden
- Lawns
- Gardens
- Frost Protection
- Nurseries

Industrial Services
- Dust Suppression
- Waste Water Disposal
- Hydroseeding
- Landscaping
- Landfills
- Soil Remediation Projects
- Cemeteries

Cadman
STRENGTH SIMPLICITY DEPENDABILITY

38 Main Street, PO Box 100
Courtland, Ontarto
N0J1E0
Phone: +1 (519) 688-2222
Toll Free: +1 866-422-3626
www.cadmanpower.com
inquiries@cadmanpower.com