



**Most Trusted Traveling Irrigation Systems
Since 1964**

Kifco Model E180 Water-Reel®



- **Gas Engine Driven Water-Reel® with 1.8" ID x 380' MDPE Tube**
- **Simple, reliable, portable irrigation for waste water applications, dust suppression, pastures, hobby farms, ranches and construction sites**
- **Automatic shutoff allows for unattended operation**
- **Mechanical levelwind system with miswrap safety for uniform, reliable tube rewinding**
- **Rugged construction proven by over 40 years of production and over 35,000 Kifco Water-Reels® sold**
- **Industry leading products with service and distribution at over 200 authorized dealers**

Applicable Markets



Waste Water Reuse



**Hobby Farms, Ranches and
Pastures**

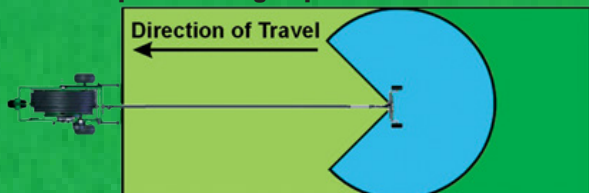


Construction Sites

Standard Features and Benefits

- **The Kifco Model E180 uses a 4 hp gas engine to retract the sprinkler cart. Engine drives consume zero pressure; are capable of handling water supplies containing solids; and can operate at extremely high* and low speeds**
- **Sprinkler selector valve easily allows for automatic sprinkler shutoff at the end of the run or continued operation**
- **Three wheeled chassis for extra stability and three large flotation tires make transport by small garden tractor or utility vehicle simple**

* Requires ST High Speed Retraction Kit



Easy Operation



Local Parts & Service

**1 Year
Manufacturer's Warranty
5 Year
Pro Rated Tube Warranty**



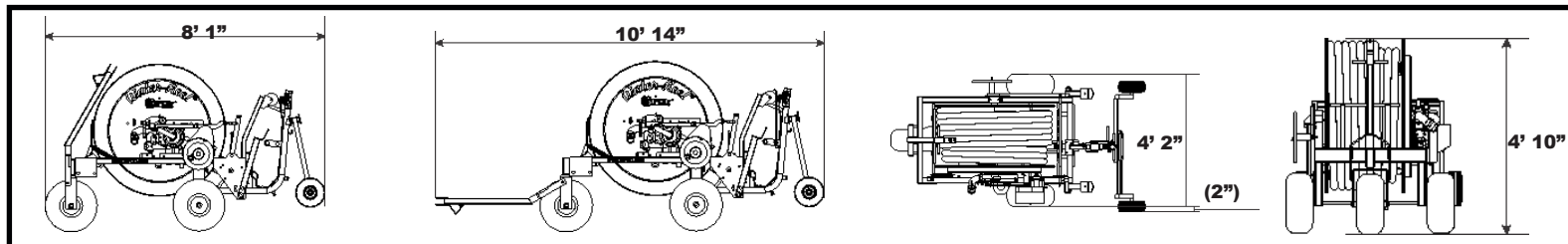
Engineered in the USA

www.kifco.com



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E180 Dimensions - T4 Chassis

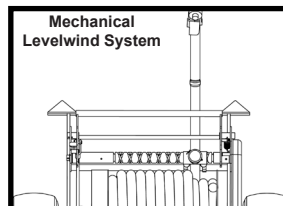


Technical Specifications

Tube Inner Diameter/Length	1.8" x 380'
Irrigated Width	105' - 221'
Irrigated Length	432' - 490'
Irrigated Area Per Run (Acres)	1.0 - 2.5
Drive System	Gas Engine
GPM Range	26 - 120
Inlet PSI Range	36 - 140
Hours Per Full Run	5.5 - 11
Irrigation Retraction Speed	34.5 - 69 ft. per hour
Dry Weight (lbs)	940
Weight With Water (lbs)	1,310
Inlet Diameter	2" Male Camlock
Supply Hose	15' 2" Male x Female Camlock
Fuel Cell Capacity	6 gallons

Options

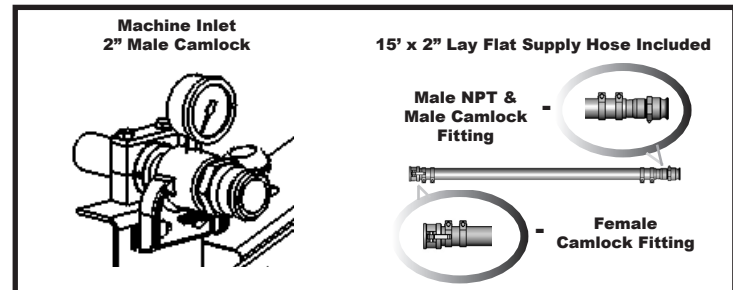
Booster Pumps	5.5Hp Gas, 9Hp Gas
Primary Pumps	23Hp Gas, 21Hp Gas High Pressure or 37Hp Gas
Stiff Tongue & Jack Kit	Bolt on kit for easy transport in rough terrain
Custom Retraction Speed	Kifco offers several pulley set-up variations to achieve a targeted retraction speed. Consult factory for more details



Sprinkler Performance

Sprinkler Model	Nozzle Dia.	Inlet PSI	(Q) GPM	Width (ft.) (80%)	Length (ft.) (80%)	Wetted Dia. (ft.)	Application Rate (in.)
Nelson SR75	0.4"	45	27	119	440	149	0.3 - 0.8
	0.4"	67	33	135	448	170	0.3 - 0.8
	0.4"	90	39	146	453	182	0.3 - 1.0
	0.45"	42	32	123	442	162	0.3 - 1.0
	0.45"	71	42	147	454	183	0.3 - 1.0
	0.45"	95	49	166	463	207	0.3 - 1.2
	0.5"	45	40	131	446	173	0.3 - 1.2
	0.5"	77	53	158	459	200	0.3 - 1.2
	0.5"	102	61	178	469	222	0.3 - 1.4
	0.55"	50	49	138	449	182	0.4 - 1.6
	0.55"	84	64	166	463	210	0.4 - 1.6
	0.55"	112	74	187	474	234	0.4 - 1.6
	0.65"	63	69	153	456	200	0.4 - 1.6
	0.65"	106	91	182	471	231	0.4 - 1.6
	0.65"	140	105	205	482	256	0.4 - 1.6
	0.75"	83	93	162	461	214	0.4 - 1.6
	0.75"	137	120	196	478	247	0.4 - 1.6

Standard Connection



Sprinkler Model	Nozzle Dia.	Inlet PSI	(Q) GPM	Width (ft.) (80%)	Length (ft.) (80%)	Wetted Dia. (ft.)	Application Rate (in.)
Komet Twin Max	0.39"	40	26	125	442	156	0.3 - 1.0
	0.39"	73	36	158	459	198	0.3 - 1.0
	0.39"	124	47	194	477	243	0.3 - 1.0
	0.43"	36	29	125	442	156	0.3 - 1.0
	0.43"	77	43	166	463	208	0.3 - 1.0
	0.43"	129	56	204	482	255	0.3 - 1.2
	0.51"	41	41	137	448	171	0.3 - 1.4
	0.51"	86	60	182	471	228	0.3 - 1.4
	0.51"	132	75	215	488	269	0.3 - 1.4
	0.55"	37	43	130	445	163	0.3 - 1.6
	0.55"	73	62	170	465	213	0.3 - 1.6
	0.55"	129	83	215	488	269	0.3 - 1.6
	0.63"	44	57	142	451	177	0.3 - 1.6
	0.63"	86	80	186	473	232	0.3 - 1.6
	0.63"	137	102	221	490	276	0.3 - 1.6
	0.71"	55	72	153	456	191	0.3 - 1.6
	0.71"	96	96	194	477	242	0.3 - 1.6
	0.71"	138	116	218	489	273	0.3 - 1.6

Sprinkler Model	Nozzle Dia.	Inlet PSI	(Q) GPM	Width (ft.) (80%)	Length (ft.) (80%)	Wetted Dia. (ft.)	Application Rate (in.)
Sime Hydra	10mm	49	28	110	435	137	0.3 - 1.0
	10mm	65	33	118	439	148	0.3 - 1.0
	12mm	39	40	105	432	131	0.3 - 1.0
	12mm	58	48	126	443	157	0.3 - 0.8
	12mm	96	62	158	459	197	0.3 - 0.8
	14mm	45	52	110	435	138	0.4 - 1.6
	14mm	67	63	131	446	164	0.4 - 1.6
	14mm	111	82	162	461	203	0.4 - 1.6
	16mm	54	65	115	438	144	0.4 - 1.6
	16mm	80	80	137	448	171	0.4 - 1.6
	16mm	131	103	173	466	216	0.6 - 1.6
	18mm	99	100	147	454	184	0.6 - 1.6
	18mm	130	115	162	461	203	0.6 - 1.6

Area covered may vary depending on wind conditions and use of different sprinklers. Specifications are subject to change without notice. Technical specifications contained herein are based upon sprinkler manufacturer's recommended pressure and flow. Actual specifications may vary.