



Most Trusted Traveling Irrigation Systems
Since 1964

Kifco Model E140 Water-Reel®



- **DC Electric Driven Water-Reel® with 1.4" ID x 350' MDPE Tube (Battery Not Included).**
- **Simple, reliable, portable irrigation for pastures, paddocks, riding arenas, sports fields, vegetables and residential settings**
- **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



Horse Arenas



Hobby Farms, Food Plots and Pastures



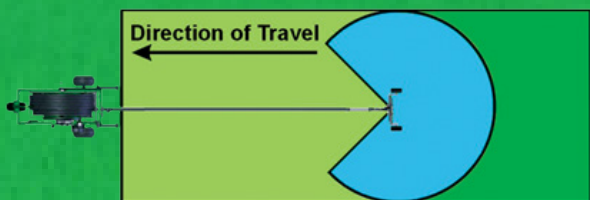
Residential Landscape, Gardens & Nurseries



Sports Fields

Standard Features and Benefits

- **The Kifco Model E140 uses a DC electric retraction motor and can operate as low as 25 psi and 13 gpm for up to 40 hours on a full charge (Battery required).**
- **Sprinkler selector valve easily allows for automatic sprinkler shutoff at the end of the run or continued operation**
- **Two large flotation tires make transport by hand or small garden tractor simple**



Easy Operation

1 Year
Manufacturer's Warranty
5 Year
Pro-Rated Tube Warranty
Operator & Parts
manuals available at
www.kifco.com

Local Parts & Service

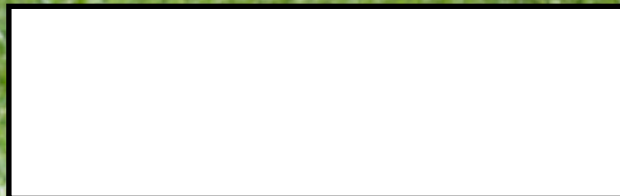


Engineered in the USA

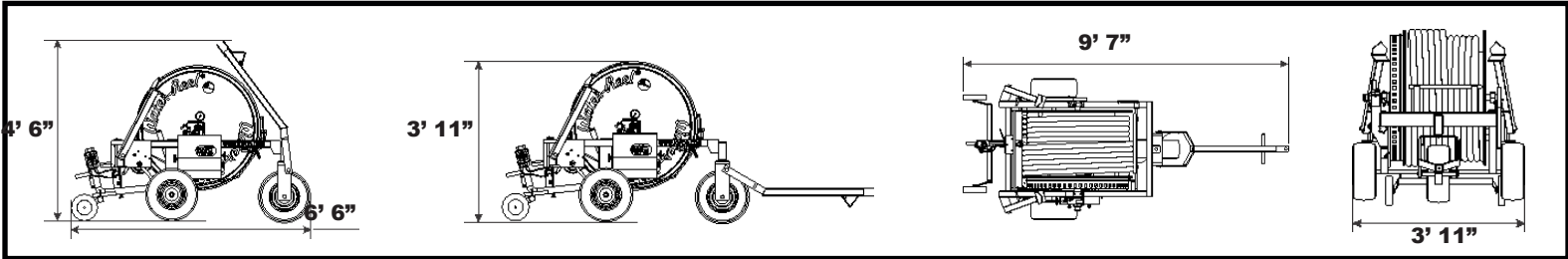
www.kifco.com



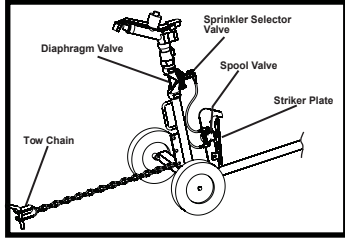
700 S. Schrader Ave.
P.O. Box 290
Havana, IL 62644
800-452-7017 Toll Free
309-543-4425 Phone
309-543-4945 Fax



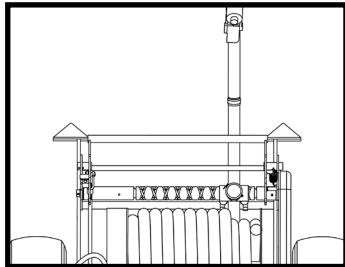
E140 Dimensions - B3 Chassis



Sprinkler Diagram



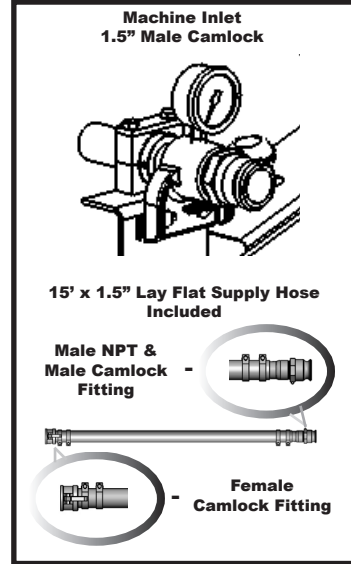
Mechanical Levelwind System



Technical Specifications

Tube Inner Diameter/Length	1.4" x 350'
Irrigated Width	82' - 189'
Irrigated Length	391' - 444'
Irrigated Area Per Run (Acres)	0.4 - 2.0
Drive System	DC Electric Motor
GPM Range	13 - 80
Inlet PSI Range	25 - 145
Hours Per Full Run	2.1 - 11.7
Retraction Speed	30 - 170 ft/hr
Dry Weight (lbs)	556
Weight With Water (lbs)	801
Inlet Diameter	1.5" Male Camlock
Supply Hose	15' 1.5" Male x Female Camlock
Options	
Solar Panel Kit	Eliminates the need for AC charge
Booster Pump	5.5Hp Gas, 9Hp Gas
Primary Pump	5.5Hp Gas, 9Hp Gas
Guncart Tire Upgrade	Added stability in rough terrain

Standard Connection



Sprinkler Performance

Sprinkler Model	Nozzle Dia.	Inlet PSI	(Q) GPM	Width (ft.) (80%)	Length (ft.) (80%)	Wetted Dia. (ft.)	Application Rate (in.)
Sime Hidra	10mm	43	28	94	397	118	0.17 - 0.95
	10mm	77	33	118	409	148	0.16 - 0.89
	12mm	56	40	105	402	131	0.22 - 1.23
	12mm	110	56	142	421	177	0.22 - 1.27
	14mm	73	52	110	405	138	0.27 - 1.51
	14mm	142	73	152	426	190	0.27 - 1.54
	16mm	96	65	115	408	144	0.32 - 1.81
	16mm	142	80	137	418	171	0.33 - 1.88

Sprinkler Model	Nozzle Dia.	Inlet PSI	(Q) GPM	Width (ft.) (80%)	Length (ft.) (80%)	Wetted Dia. (ft.)	Application Rate (in.)
Sime K1	8mm	25	13	82	391	102	0.09 - 0.51
	8mm	33	15	90	395	112	0.09 - 0.54
	8mm	50	18	100	400	125	0.10 - 0.58
	8mm	66	21	108	404	135	0.11 - 0.62
	10mm	58	28	108	404	135	0.15 - 0.83
	10mm	74	30	115	408	144	0.15 - 0.84
	12mm	48	33	100	400	125	0.19 - 1.06
	12mm	96	47	123	412	154	0.22 - 1.23

Sprinkler Model	Nozzle Dia.	Inlet PSI	(Q) GPM	Width (ft.) (80%)	Length (ft.) (80%)	Wetted Dia. (ft.)	Application Rate (in.)
Nelson SR75	.40"	53	27	119	410	149	0.13 - 0.73
	.40"	106	39	146	423	182	0.15 - 0.86
	.45"	53	32	123	412	154	0.15 - 0.83
	.45"	120	49	166	433	207	0.17 - 0.95
	.50"	62	40	131	416	164	0.17 - 0.98
	.50"	140	61	178	439	222	0.19 - 1.10
	.55"	75	49	138	419	172	0.20 - 1.14
	.55"	145	69	177	438	221	0.22 - 1.25

Sprinkler Model	Nozzle Dia.	Inlet PSI	(Q) GPM	Width (ft.) (80%)	Length (ft.) (80%)	Wetted Dia. (ft.)	Application Rate (in.)
Komet Twin Max	.39"	34	22	108	404	135	0.12 - 0.65
	.39"	147	47	194	447	243	0.14 - 0.78
	.43"	45	29	125	412	156	.013 - 0.75
	.43"	147	54	197	448	246	0.16 - 0.88
	.47"	51	35	130	415	162	0.15 - 0.87
	.47"	149	61	198	449	248	0.17 - 0.99
	.51"	49	37	125	412	156	0.17 - 0.95
	.51"	133	63	188	444	235	0.19 - 1.08
	.55"	56	43	130	415	163	0.19 - 1.06
	.55"	142	70	189	444	236	0.21 - 1.19

The E140 Water-Reel runs on a standard 12v deep cycle battery (not included).