



CONSIDER THE MANY POSSIBILITIES OF A MICRO RAIN TRAVELING SPRINKLER SYSTEM

Micro Rain's innovative engineering and rugged construction provide the best option for traveling irrigation reels. Our industry leading turbine drive system lies at the heart of the Micro Rain traveler making it the clear choice for durable and reliable portable irrigation where you need it....and when you need it! Check out our complete line of turbine drive traveling sprinklers to discover the benefits of owning a Micro Rain system today!



MICRO RAIN USES

Your creativity or need for water applied when you want it and where you want it is maximized with the use of a MICRO RAIN traveler. The following are some types of projects MICRO RAIN sprinklers are already being used on:

- Sports Fields
- Golf Courses
- Driving Ranges
- Roughs
- Horse Riding Arena Dust Control
- Acreages
- Vegetable Farms
- Hobby Farms & Small Farms
- Sod Production or Installation
- Parks
- Effluent Disposal
- Indoor Expo Centers
- Food Plots
- Factory Grounds
- Gardens & Nurseries
- Reclamation
- Churches
- Municipalities



Micro Rain is Sports Field Irrigation Made Easy!



Natural Turf Irrigation



Synthetic Turf Cooling



Water Multiple Fields

The portability, ease of operation, and unmatched performance capabilities of a Micro Rain traveling sprinkler are ideal for any sports complex. Multiple fields may be watered with one unit by utilizing the convenient tow hitch design to move from field to field. With seven base models to choose from and a variety of options, Micro Rain will have your field covered!

Standard Features:

- | | |
|------------------------|-------------------------------|
| Turbine Drive System | Automatic Shut-down |
| Variable Speed Control | Supply Hose Included |
| Stabilizer Legs | Scroll Level Wind System |
| Part Circle Sprinkler | Nozzle Set Included |
| Tube Mis-wrap Safety | 3 Year Poly Tube Warranty |
| Pressure Readout | Convenient Winter Drain Ports |

*Scroll levelwind not available on MR25 model

Sports Field Model Options:

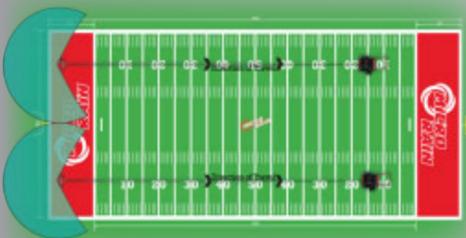
- Boost pump kits for enhanced performance in low pressure situations
- Sprinkler upgrade options to maximize water availability and coverage
- Engine drive option for high speed synthetic turf cooling

Common Sports Field Models:

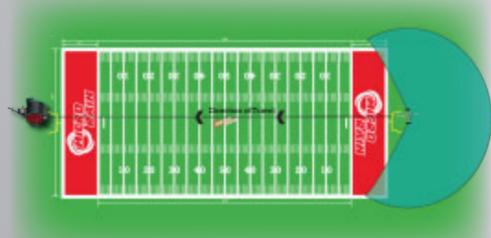
- MR32** (Hose Size: 1" ID x 242 ft)
 - Max Wetted Area (ft): 130 wide x 308 long
 - Water Source Connection: 1 inch
- MR43** (Hose Size: 1.43" ID x 393 ft)
 - Max Wetted Area (ft): 160 wide x 492 long
 - Water Source Connection: 1.5 or 2 inch
- MR58** (Hose Size: 1.9" ID x 460 ft)
 - Max Wetted Area (ft): 200 wide x 560 long
 - Water Source Connection: 2 inch
- MR63** (Hose Size: 2.1" ID x 328 ft)
 - Max Wetted Area (ft): 250 wide x 450 long
 - Water Source Connection: 2 inch

Synthetic Turf Cooling:

Synthetic turf fields require maintenance by applying water during playing seasons to keep the infill material clean and conditioned. Critically high temperatures causing unsafe conditions for players can be present during hot weather. These conditions can be greatly reduced by adding a light application of water to significantly cool field surface temperatures. Micro Rain offers synthetic turf engine driven models capable of high speed retraction rates over 500 feet per hour for applying a fast, light application to cool and rinse playing surfaces.



Small Chassis = 2 Passes



Medium & Large Chassis = 1 Pass



PRODUCT LINE

SMALL CHASSIS



MR25 (0.8" ID x 165')

- Flow Range: 3-12 GPM
- Maximum Wetted Area (ft): 98 (W) x 214 (L)
- Supply Hose Size: 0.75"
- Machine Weight: 160 LBS (Dry)
- Dimensions: 48" x 20" x 48"



MR32 (1" ID x 242')

- Flow Range: 7-25 GPM
- Maximum Wetted Area (ft): 130 (W) x 308 (L)
- Supply Hose Size: 1"
- Machine Weight: 315 LBS (Dry)
- Dimensions: 64" x 34" x 48"

OPTIONS:



Gas Engine Drive Supply & Boost Pumps



Portable Electric Booster Pumps



Hitch Option for MR32

MEDIUM CHASSIS



MR43 (1.43" ID x 393')

- Flow Range: 10-55 GPM
- Maximum Wetted Area (ft): 160 (W) x 492 (L)
- Supply Hose Size: 1.5" or 2"
- Machine Weight: 538 LBS (Dry)
- Dimensions: 80" x 50" x 50"



PRODUCT LINE

LARGE CHASSIS



MR50 (1.67" ID x 558')

- Flow Range: 25-75 GPM
- Maximum Wetted Area (ft): 180 (W) x 650 (L)
- Supply Hose Size: 2"
- Machine Weight: 880 LBS (Dry)
- Dimensions: 106" x 53" x 64"



MR58 (1.9" ID x 460')

- Flow Range: 30-100 GPM
- Maximum Wetted Area (ft): 200 (W) x 560 (L)
- Supply Hose Size: 2"
- Machine Weight: 880 LBS (Dry)
- Dimensions: 106" x 53" x 64"



MR63 (2.1" ID x 328')

- Flow Range: 40-145 GPM
- Maximum Wetted Area (ft): 250 (W) x 450 (L)
- Supply Hose Size: 2"
- Machine Weight: 880 LBS (Dry)
- Dimensions: 106" x 53" x 64"

EXTRA-LARGE CHASSIS

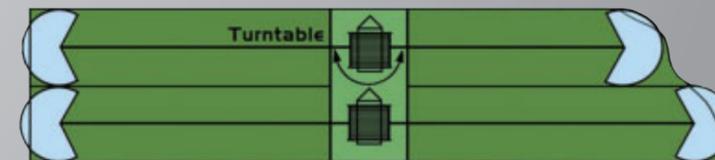


MR58RL Turntable Traveler (1.9" ID x 660')

- Flow Range: 40-100 GPM
- Maximum Wetted Area (ft): 190 (W) x 750 (L)
- Supply Hose Size: 2"
- Machine Weight: 1,420 LBS (Dry)
- Dimensions: 132" x 58" x 75"



Multiple passes from one setting.



OPTIONS:



5.5 HP or 9 HP Boost Pump Kit



All Terrain Wheels



Fixed Front Hitch with Jack



Engine Drive Kit



Low PSI Spray Boom

OPTION:

9 HP Boost Pump Kit



OPTIONS:



5.5 HP Boost Pump Kit



High Clearance Cart



Engine Drive Kit





ARENA WATERING SOLUTIONS



Tired of dragging hoses to water your dusty arena? *Micro Rain* is the proven leader in arena watering. Horse owners have experimented for years with different methods of watering. Hand watering, stationary sprinklers, cumbersome water trucks, fence top sprinklers, and other methods are many times less than adequate and can be eliminated with the *Micro Rain* system. With staff members knowledgeable in the horse industry, *Micro Rain* systems have been designed with high speed gearing options, sprinkler head combinations, and model selections to fit most any arena size.

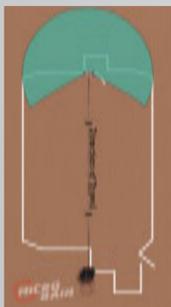
THE TURBINE DRIVE ADVANTAGE!

- Durable and maintenance free
- Smooth and consistent power transferred to the reel
- Powered by the incoming water flow – NO external power needed
- Easy speed adjustment with automatic shut off
- Use multiple water sources including pond water or reclaimed water
- NO wasteful water exhausted at the machine!

Micro Rain systems provide a perfectly even application of water to your arena while operating unattended at the speed you choose. Simply set the machine at one end of the arena and pull out the hose and sprinkler cart to the opposite end. To start the machine, attach the water hose to the base unit and turn on the water. The machine will begin retracting after you engage the turbine drive system and set the retraction rate. The user may spend their time elsewhere as the *Micro Rain* system completes the pass and automatically shuts off when finished.

Common Arena Models:

- MR25** (Hose Size: 0.80" ID x 165 ft)
 - Max Wetted Area (ft): 98 wide x 218 long
 - Water Source Connection: 3/4" Garden Hose
- MR32** (Hose Size: 1" ID x 242 ft)
 - Max Wetted Area (ft): 130 wide x 308 long
 - Water Source Connection: 1 inch
- MR43** (Hose Size: 1.43" ID x 393 ft)
 - Max Wetted Area (ft): 160 wide x 492 long
 - Water Source Connection: 1.5 or 2 inch
- MR63** (Hose Size: 2.1" ID x 328 ft)
 - Max Wetted Area (ft): 250 wide x 450 long
 - Water Source Connection: 2 inch



Start watering the *Micro Rain* way today...you won't know how you got by all these years without it!

Ask about our water supply tank and pump options.



MICRO RAIN

PERFORMANCE SUMMARY

MODEL	GPM	INLET PSI	NOZZLE SIZE (MM)	TOTAL WIDTH (FT)	IRRIGATED WIDTH (80%) (FT)	MAX LENGTH (FT)	ACRES PER PULL	RETRACTION RATE (FT/HOUR) (AT APPLICATION DEPTH)									
								0.10"	0.25"	0.50"	0.75"	1.0"	1.5"	2.0"			
MR25 (0.8" X 165')	3.2	35	4	72	58	201	0.25	43	21								
	3.7	45	5	74	60	203	0.27	45	24								
	5.8	48	5	85	70	207	0.32	80	32	16							
	8.5	55	6	94	75	212	0.35	106	44	22							
	9.5	65	6	98	78	214	0.38	110	46	23							
MR32 (1" X 242')	7.5	45	6	90	72	287	0.50	85	40								
	11	55	7	100	80	292	0.54	130	53	27							
	16	75	8	112	90	298	0.62	160	69	35							
	18	93	9	125	100	304	0.68	175	70	35	23						
	21	95	10	132	105	308	0.71	192	77	38	26						
MR43 (1.43" X 393')	15	45	8K	112	90	449	1.02	110	64	32							
	23	65	9K	128	102	457	1.04	176	88	44	29	22					
	28	70	10K	134	107	460	1.10	204	102	51	33	26					
	40	90	12H	157	126	471	1.32	122	61	41	30	20					
	60	138	12H	190	152	488	1.63	153	76	51	38	26					19
MR50 (1.67" X 558')	28	72	10	134	107	619	1.50	102	51	33	26						
	40	80	12	144	115	627	1.55	135	67	45	34	23					
	49	85	12	157	126	639	1.85	150	75	50	38	25					
	58	105	12	179	143	650	2.13	155	82	56	41	27					
	73	136	12	190	152	651	2.21	186	93	62	47	31	23				
MR58 (1.9" X 460')	40	65	12	138	110	539	1.30	140	70	47	35	24	17				
	59	73	14	164	131	542	1.58	174	87	58	44	29	22				
	73	92	14	191	152	555	1.87	186	93	62	47	31	23				
	82	117	14	204	163	562	2.02	194	97	65	49	33	24				
	103	134	16	216	173	568	2.17	230	115	77	58	39	29				
MR63 (2.1" X 328')	73	79	14	190	152	428	1.41	232	186	93	62	47	31	23			
	93	87	16	196	157	428	1.47	248	228	114	76	57	39	28			
	115	97	18	236	189	446	1.83	232	118	79	58	40	29				
	140	116	20	250	200	453	1.97	270	135	90	68	45	34				
	MR58RL (1.9" X 660')	40	55	12	132	106	726	1.75			73	49	37	25	17		
48		75	12	156	125	738	2.11			74	49	37	25	19			
67		95	14	172	138	746	2.36			94	63	47	32	21			
75		115	14	194	155	757	2.69			93	62	47	31	22			
90		125	16	192	154	756	2.67			112	75	56	37	28			

NOTICE: These specifications are for a guide only and are based on theoretical calculations and performance tests. This is to be used as a guide only, as performance may vary under field conditions or when machine speed control adjusted. The combination of gallons per minute, pressure, and atmospheric conditions such as wind speed will determine your performance characteristics. Shortening tube length can also increase the performance of your *Micro Rain*.

MR43 Note: K = K1 Sprinkler; H = Hydra Sprinkler

Red numbers indicate a high speed option.

For sales, installation, and service call:



KID GROUP
15250 WEST SUNSHINE ROAD - YUKON, OKLAHOMA 73099
PHONE: 800.373.9325 - FAX: 405.354.5529
URL: www.microrain.net

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TRAVELING SPRINKLER SYSTEMS

DISCOVER THE MICRO RAIN ADVANTAGE



Since its inception, KID Group has been a distributor of unique irrigation and turf maintenance products. Our goal is to offer customers the most dependable, convenient irrigation products while providing unparalleled customer service.



To further our goal, we have developed a turbine-driven traveling sprinkler that operates using almost any water source. The engineering and design of the *Micro Rain* sprinkler has proven to be simple, reliable, and cost effective for our customers. The *Micro Rain* line features a broad range of sizes to accommodate a variety of settings for portable irrigation.



Micro Rain systems are created with components from expert manufacturers throughout the world. The systems are assembled with precision, water-tested and packaged for shipping at our facility in Yukon, Oklahoma. We have a large inventory to ensure product and parts availability at all times and our central location allows us to provide timely and affordable shipping methods when orders are placed.



Product is shipped daily to our extensive distributor and dealer support network throughout North America from our centrally located warehouse in the heart of the U.S. - Yukon, Oklahoma. This specific location ensures timely delivery of *Micro Rain* travelers to any destination point.

MICRO RAIN TURBINE DRIVE

At the forefront of our technology is the unique *Micro Rain* turbine. In 1998, *Micro Rain* Engineers designed a turbine which revolutionized small traveler irrigation. Efficient and smooth power is developed as water flows past the fins of the turbine which in turn powers a direct mounted gearbox driving the reel. All of the water used by the turbine stays in the system and no water is dumped by the machine. We are proud of the simplicity of this turbine design. It has proven to be a rugged and dependable solution for powering small traveling sprinklers. The complete *Micro Rain* line of travelers are turbine powered.

