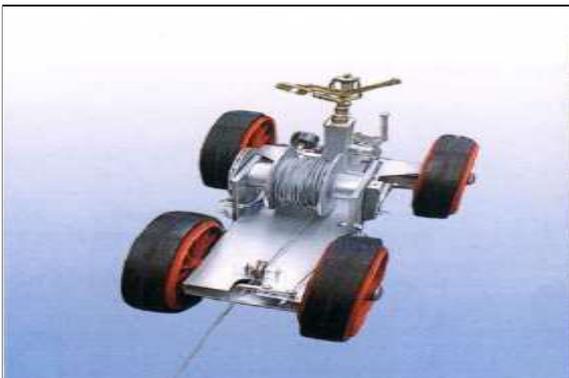




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#### Description

The large traveller is designed for sports grounds and large turf areas. The unit pulls itself along a steel cable shutting off automatically at the end of the run.

Diameter: 34m - 38m @ 3 - 7 bar - Use 1" hose, 135m steel cable, waters 183m long run.

The 4 wheel model is used particularly for newly seeded and soft, as well as undulating ground surfaces.

#### Applications

- Sportsgrounds
- Public parks
- Greens
- Large turf areas
- Golf courses
- Tree nurseries

# Large Travelling Sprinkler

## Important Features

- Very simple handling
- Precise regulation of running-speed, independent from flow range at sprinkler nozzle
- Interrupts water supply automatically, when final position is reached
- Automatic shut-off in case of obstructed traction
- Successful performance starting from 2.5 bar water pressure
- Turbine and gear-box maintenance free
- Excellent irrigation coverage of max 8700 m<sup>2</sup> per lap
- Little time involvement of only approx. 15 min for set-up
- Day- and nighttime operation possible

## Technical Data

- Width Coverage max: 46 m
- Length Coverage max: 138 m (90m steel cable)
- 183 m (135m steel cable)

## Operation Speed

Pressure at turbine inlet bar	Driving-Nozzle Ø 1.5 mm Operation Speed meters p/hour	Optional Driving Nozzle Ø 2 mm Operation Speed meters p/hour
2,5	9,0	11
3,0	11,0	13
3,5	13,5	16
4,0	15,0	18
4,5	17,0	20
5,0	19,0	22
5,5	20,5	23
6,0	22,0	24
7,0	23,5	25

## Width of Coverage - Water Flow

Nozzle-Size Ø 5,6-6,4mm, Sprinkler Model 1030  
 Nozzle-Size Ø 7,2-9,5mm, Sprinkler Model 1050

Nozzle-Size	5,6mm (7/32")		6,0mm (15/64")		6,4mm (1/4")*		7,2mm (9/32")		8,0mm (5/16")		8,8mm (11/32")		9,5mm (3/8")	
Pressure at Nozzle, bar	Coverage width	m <sup>3</sup> /h												
3,0	32	2,3	33	2,6	34	3,0	36	3,6	36	4,4	37	5,2	38	6,0
4,0	33	2,5	34	2,8	35	3,3	37	4,1	38	4,9	40	5,8	41	6,7
5,0	34	2,9	35	3,1	36	3,6	38	4,7	40	5,6	41	6,7	43	7,8
6,0	35	3,2	36	3,4	37	3,8	39	5,1	42	6,3	43	7,8	45	8,6
7,0	36	3,5	37	3,7	38	4,1	40	5,4	43	6,8	44	8,2	46	9,0

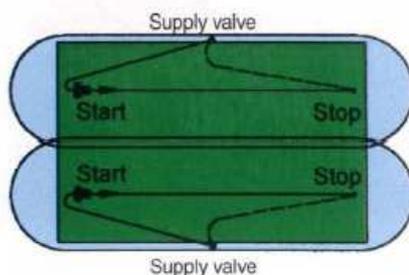
\* Standard nozzle size (supplied, if not specified otherwise)  
 Performance data measured at wind speed zero.

## Sports Field irrigation (Examples) (Field dimensions 68 x 105 m)

Depending on location of supply valve, there are different ways of hose lay out

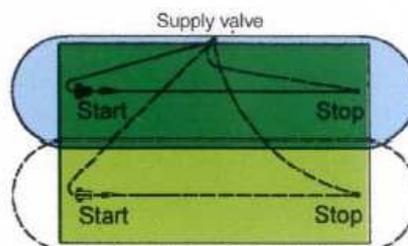
### Application A

2 Supply valves  
 (each alongside, center position)  
 hose length 2x50 m, hose size 1"



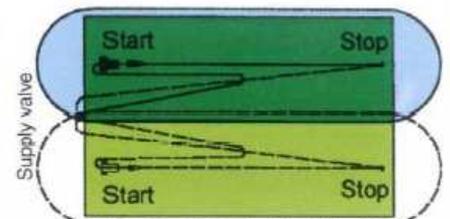
### Application B

1 Supply valve  
 (alongside, center position)  
 hose length 1x75 m, hose size 1"



### Application C

1 Supply valve  
 (frontside, center position)  
 hose length 1x100 m, hose size 1"



### Most ideal way of irrigation

2 Rainmobiles  
 parallel operation  
 Supply hose size min. NW 40,  
 better NW 50

### Good way of irrigation

1 Rainmobile  
 2 Consecutive laps  
 Supply hose size min. NW 40

### Good way of irrigation

1 Rainmobile  
 2 Consecutive laps  
 Supply hose size min. NW 50

In case of insufficient water pressure, we recommend to install an automatic booster pump station.