

# MECHANISED IRRIGATION SYSTEMS

**GREENKEEPER 200 m**  
*50 m wetted diameter*



**CLUBMAN 100 m**  
*50 m wetted diameter*



**SPORTSMAN 60 m**  
*32 m wetted diameter*



**CLUBMAN IN ACTION**



*Irrigation in motion!*

*Put the sport back  
into your grass*

**SPORTSMAN IN ACTION**



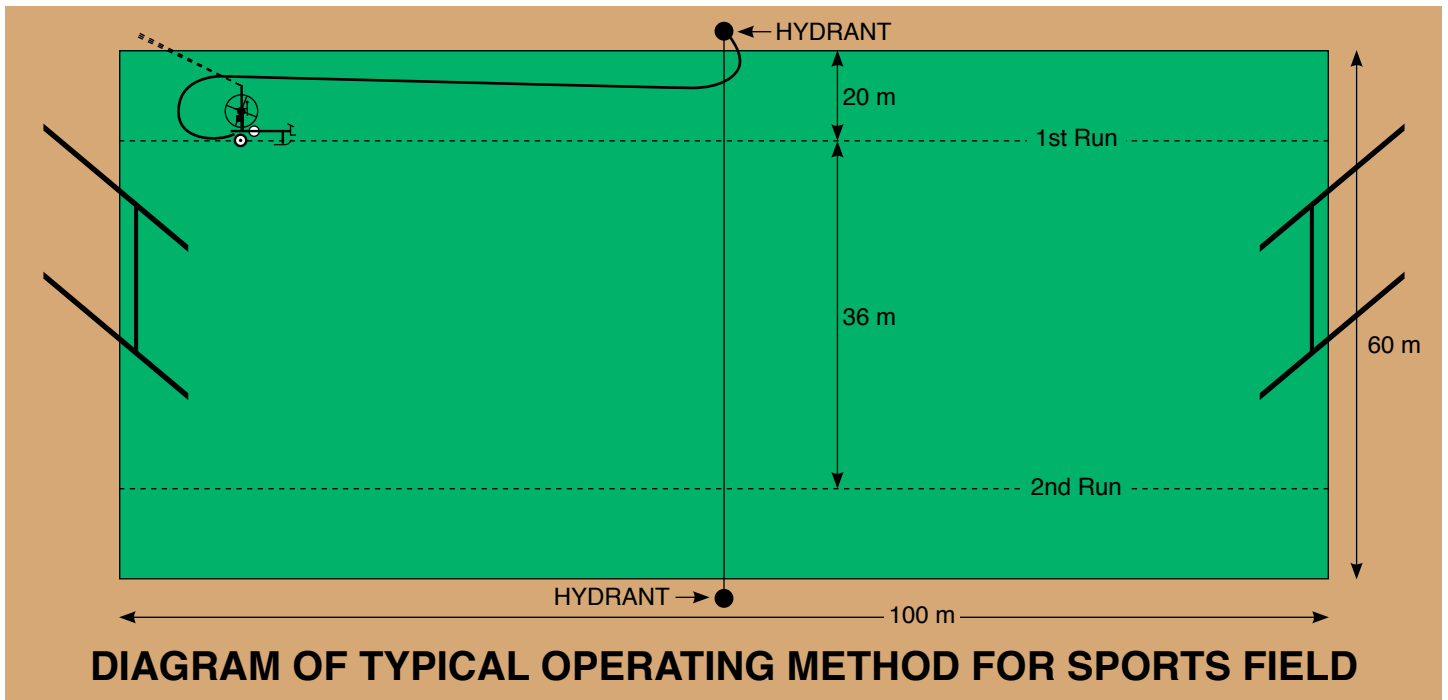
**GREENKEEPER IN ACTION**



**ROTRIX**  
AFRICA INDUSTRIES CC



DEALER



**CLUBMAN / GREENKEEPER**

Nozzle Diameter	Pressure kPa	Radius m	Flow m <sup>3</sup> /h	Lane Spacing m	Application per run mm
10	2,0	19	6,4	26	6
	3,0	21	7,8	29	7
	4,0	22,5	9,0	32	8
	5,0	23,5	10,2	33	9
12	2,0	21	8,9	29	7
	3,0	23,5	10,9	33	8
	4,0	26	12,6	36	9
	5,0	28	14,2	39	10
14	2,0	22,5	11,8	32	9
	3,0	24	14,4	33	11
	4,0	27	16,7	38	12
	5,0	29	18,6	40	14

**SPORTSMAN**

Nozzle Diameter	Pressure kPa	Radius m	Flow m <sup>3</sup> /h	Lane Spacing m	Application per run mm
6	2	15	2,8	22	4
	3	17	3,4	22	5
	4	18	3,9	22	6
8	2	17	4,3	22	6
	3	18	5,2	22	7
	4	19	6	22	8

**WATER APPLICATION FORMULA**

$$\frac{\text{mm applied} \times 10 \times \text{area (L x W) Ha}}{10\,000 \times 0,85 \text{ (Efficiency)}} = \text{m}^3/\text{h} \times \text{t}$$

- W = lane spacing in metres
- L = length of run in metres
- m<sup>3</sup>/h = water through nozzle per hour
- t = time taken to complete length of run
- mm = depth of water applied over area irrigated

**Greenkeeper:** 200 metres will take an average of 6 hours  
**Clubman:** 100 metres will take an average of 3 hours  
**Sportsman:** 60 metres will take an average of 2 hours

**ADVANTAGES**

- Labour saving system
- Low installation costs
- Irrigates large areas without supervision
- Water application can be well managed
- Irrigation done by one operator
- Can be used with existing pumps and mainlines
- Quick set-up times and easy to move between fields
- Can be safely stored away for security against theft
- Replaces quick coupling and drag line systems
- No hassles with blocked or damaged pop-up systems



Easy to operate



Vegetables



Horse Paddocks