

Application

- Golf Courses.
- Sports Ovals.
- Large Turf Areas.

Water powered cable/hose travelling sprinkler able to water up to 120 metres by 35 metres at each setting.

Features

- Automatic mechanically activated shut-off valve.
- Travel speed can be varied from 0 to approximately 18 metres per hour.
- With drive arms set at 45°, forward travel is approximately 6-8 metres per hour, with a gross application of 7.5 to 10 mm.
- Able to pull 55 metres of 25 mm hose.
- Comes equipped with 90 metres of cable.
- Australian made.

Specifications

- Brass, bronze and aluminium construction.
- Stainless steel drive arms.
- Fitted with Typhoon Impact Sprinkler.
- Drive arm jet size, 8/64".
- 1000 kPa hose operating pressure. Minimum safety factor of 4:1 to allow for pressure surges and variation in temperature essential for long performance.

Note:

Allowance should be made for prevailing wind conditions when selecting distances between traveller runs. When calculating pressure head requirement, ensure the friction loss of the hose and valve head loss is added to the sprinkler operating pressure to obtain the pressure required at the valve, e.g. if operating the sprinkler at 300 kPa: Head required at the valve point is 300 + 125 (hose loss) + 30 (valve loss) = 455 kPa.

Order Hose Separately.



Manufactured from brass, bronze and aluminium to reduce corrosion.

Ordering Information

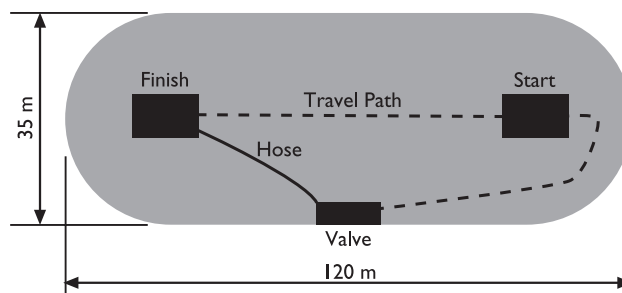
Code	Description
1018000	GW25 Travelling Sprinkler complete with Typhoon™ Sprinkler (19/64" Jet)
1018001	Hose complete with fittings suit GW25 - 25 mm x 55 m

Performance Using 55m x 25mm Hose

Sprinkler	Pressure (kPa)	Typhoon Dia. Throw	Output (Lpm)	Friction Loss in Hose (kPa)	Average Gross Application* mm
Typhoon #19 Jet plus rotating arms	250	36.0	64	102	10.1
	275	37.0	67	115	10.3
	300	38.0	70	126	10.4
	350	40.0	78	156	10.8

* Based on travel speed of 8 metres per hour

Typical Traveller Run for Model GW25



The travelling irrigator, with hose attached, is placed at one end of the area to be watered, and the cable is pulled to the other end where it is attached to an earth anchor. The hose is connected to an outlet valve located approximately midway along the travel path. From this point the hose can reach either end of the area to be watered. When the water is turned on, the unit proceeds to pull itself along the cable. At the end of the run, the water supply is shut off by means of a mechanically activated valve.