

HOLMAN

SOLID METAL
TRAVELLING
SPRINKLER

1100m²

FOLLOWS PATH SET BY HOSE →

IDEAL FOR **LARGE** LAWNS



PRODUCT CODE **7700H**

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Introduction

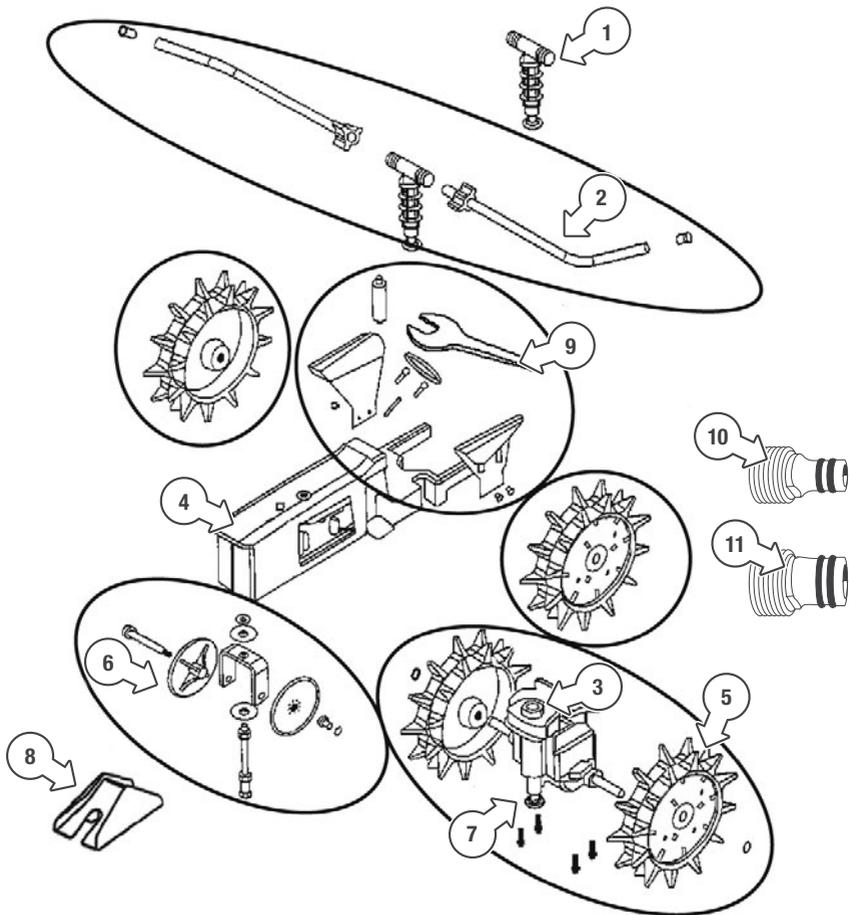
2 The **Solid Metal Travelling Sprinkler** is ideal for extra large lawns. It is built extra durable with a heavy duty cast iron body. Self propelled by a 2-speed gearbox, the front wheel travels the path of the garden hose which can be placed to follow any path you need. In total, the tractor can travel up to 60m, watering an area up to 1,100m².

6 **i** This instruction manual contains useful information on the proper use and care of this product. Please read through all instructions before attempting to install the sprinkler to ensure it is properly assembled before operation. Please keep this user guide handy for future use.



Overview

Travelling Sprinkler



1. **Arm Centre Assembly Post**
2. **Spray Arms**
3. **Connector Nuts**
4. **Travelling Sprinkler Body**

5. **Back Wheels Assembly**
6. **Front Wheel Assembly**
7. **Stop Pin**
8. **Shut Off Ramp**

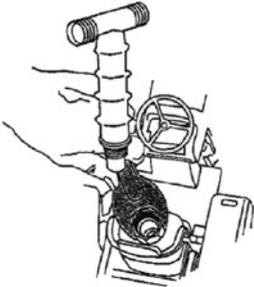
9. **Sprinkler Accessory Pack**
10. **12mm Snap-on Hose Connector**
11. **18mm Snap-on Hose Connector**

Installation and Setup

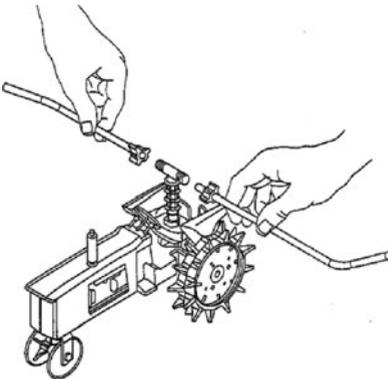
Spray Arms

Connecting the Spray Arms:

1. Using the wrench provided, securely hold the **Connector Nut** located in the seat of the **Travelling Sprinkler**
2. While holding the **Connector Nut**, thread the **Arm Assembly Centre Post** onto the **Travelling Sprinkler** and hand tighten



3. Insert both of the **Spray Arms** into either side of the **Arm Assembly Centre Post** as far as they will go
4. Tighten the **Connector Nuts** until they feel secure when twisted



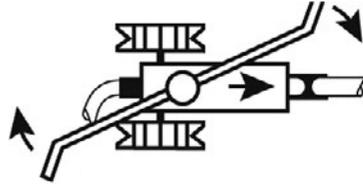
- ❗ To prevent damage, do not lift or carry the **Travelling Sprinkler** by the **Spray Arms**
- ❗ Model of sprinkler may vary from illustration

Spray Arm Direction:

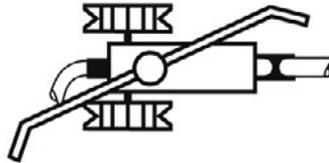
It is important that the **Spray Arms** are positioned correctly, otherwise the **Travelling Sprinkler** will not move properly, or it may not move at all

- ❗ The **Spray Arms** must rotate clockwise to go forward

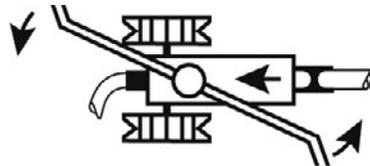
Correct



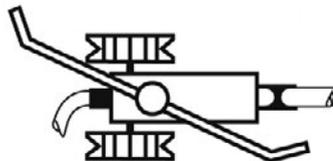
No Movement



Backwards



No Movement



Installation and Setup (continued)

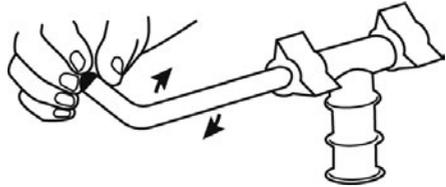
Spray Arms

Adjusting the Angle of the Spray Arms:

Adjusting the angle of the **Spray Arms** allow you to control the spray distance

For maximum coverage, turn the tips upwards and out to approximately a 30° angle

For minimum coverage, turn the tips slightly downward and clear of the **Travelling Sprinkler** body



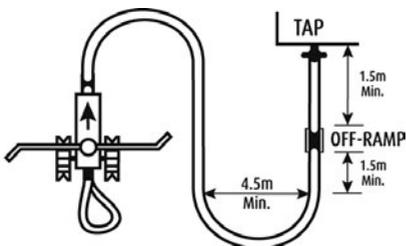
Setting up the Hose Track

The **Front Wheel** of the **Travelling Sprinkler** is designed to be placed over top of the hose and then track the same path as the hose. On some surfaces the wheel may be prone to veering off the hose. Users should keep an eye on this when first operating the **Travelling Sprinkler**. If the surface is unsuitable, causing the **Front Wheel** to veer from the hose, it may be necessary to use an 18mm hose

i The **Travelling Sprinkler** comes with both **12mm** and **18mm Snap-on Hose Connectors**

Up to 60 metres of hose can be used to lay out a path throughout the yard. To create 180° turns, a minimum radius of 4.5m is required

Place the **Shut Off Ramp** on the hose to stop the **Travelling Sprinkler**. There should be 1.5m of straight hose on either side of the **Shut Off Ramp**. Be sure to anchor the **Shut Off Ramp** into the ground with the attached spike



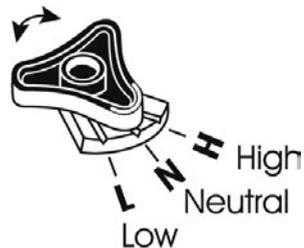
i Please ensure the **Stop Pin** is pulled all of the way out on the underside of the **Travelling Sprinkler**. This pin will stop the **Travelling Sprinkler** from moving, but will not stop the watering

** For more information, refer page 6*

Speed Control

Depending on the speed selected, the **Travelling Sprinkler** can travel from 6 to 11 metres per hour. **LOW** will apply more water, with **HIGH** preferred for lighter watering

To water a specific area and to keep the **Travelling Sprinkler** stationary, set the control to **NEUTRAL**



Sprinkler Operation

Sprinkler Operation

The small **Front Wheel** should straddle the hose track. The **Stop Pin** (on the underside of the **Travelling Sprinkler** near the **Back Wheels**) should be pulled out for watering

1. Turn on the water and the **Travelling Sprinkler** should start spinning in a clockwise motion
2. If it should stop, turn the water off and be sure the **Stop Pin** is pulled all of the way out
3. Then slowly turn the water on again

The **Stop Pin** will stop at the **Shut Off Ramp** as travelling up the ramp will push the **Stop Pin** closed

If you want to move the **Travelling Sprinkler** to new location

1. Turn off the water to stop the pressure
2. Pick up the **Travelling Sprinkler** via the base and move to the new location
3. Layout a new path with the hose and place the **Travelling Sprinkler** on top of the hose
4. Place the **Shut Off Ramp** in the new position
5. Pull the **Stop Pin** back out before turning on the water again



Sprinkler Gears

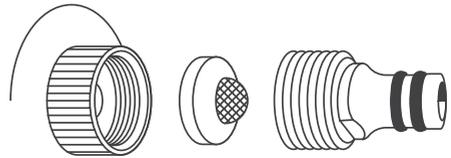
Protect the water motor gears from damage by never operating the **Travelling Sprinkler** on driveways or footpaths

- i** Do not push or pull the **Travelling Sprinkler** when it is operation
- i** Do not let the **Travelling Sprinkler** get stuck in wet areas or low ground that would keep the wheels from moving forwards, as this can damage the internal gears
- i** Do not manually stop the rotation of the **Spray Arms**. If you need to stop the **Spray Arms**, turn off the water supply first

Sprinkler Maintenance

These points will help the **Travelling Sprinkler** work in the most effective way

1. Clean the **Inlet Filter Washer** regularly by removing and rinsing it. A spanner may be required to tighten back together
2. Drain the **Travelling Sprinkler** after use, especially in cold weather. Freezing will damage the sprinkler if water is left inside. This includes opening the **Stop Pin**



Sprinkler Flow Rate

Sprinkler flow rate for 12mm and 18mm Hoses

Chart calculated using 12mm hose of up to 30m length, with an average pressure of 275kPa.
Dependent on sprinkler set up, flow rate ranges from 14Lpm to 20Lpm (average is 17Lpm).

12mm Diameter Hose						
Spray Coverage	4.5 Metres		9 Metres		14 Metres	
Millimetres of Water	16	23	8	17	5.5	12
Speed	High	Low	High	Low	High	Low

Chart calculated using 18mm hose of up to 60m length, with an average pressure of 275kPa.
Dependent on sprinkler set up, flow rate ranges from 15Lpm to 23Lpm (average is 18.5Lpm).

18mm Diameter Hose						
Spray Coverage	4.5 Metres		9 Metres		14 Metres	
Millimetres of Water	17	25	9	19	6	13
Speed	High	Low	High	Low	High	Low

Values quoted may vary depending on hose length, spray coverage and water pressure

12mm Diameter Hose				
Maximum Hose Length (m)	Average Travel Speed (m/hr)		Approximate Water Application	
	High Gear	Low Gear	High Gear	Low Gear
30	10	5	5.5	12

12mm Diameter Hose				
Maximum Hose Length (m)	Coverage (calculated with hose length at 60m)			
	Maximum Width (m)	Maximum Area (m ²)	Effective Width (m)	Effective area (m ²)
30	16	480	14	420

18mm Diameter Hose				
Maximum Hose Length (m)	Average Travel Speed (m/hr)		Approximate Water Application	
	High Gear	Low Gear	High Gear	Low Gear
60	11	6	6	13

18mm Diameter Hose				
Maximum Hose Length (m)	Coverage (calculated with hose length at 60m)			
	Maximum Width (m)	Maximum Area (m ²)	Effective Width (m)	Effective area (m ²)
60	17	1020	14	840

- ❗ Coverage can be affected by several things including water pressure, hose diameter, hose length and hose weight.
- ❗ The **Travelling Sprinkler** is made for established lawns. For delicate, newly seeded yards, another type of sprinkler should be used



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