

# Hose Reel Irrigator for Farmland

This hose reel irrigator is designed for farmland applications. It features a durable hose reel mechanism with a 90mm hose diameter and a 300-meter hose length, providing extensive coverage for irrigating crops.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Hose Reel Traveler Irrigator

This internal chain-driven hose reel irrigator utilizes a high-efficiency water turbine direct drive to maximize transmission efficiency and reduce energy loss. Designed for versatility, it features a four-speed gearbox allowing for travel speeds between 8m and 180m/h, making it suitable for various crops and terrains. The robust chassis, constructed via integrated laser cutting, ensures durability and longevity, while the unique three-wheel sprinkler car design provides superior walking stability.

## Key Features

### Core Technologies

- 37% efficiency water turbine with built-in bypass flow distributor
- Italian 4-gear reducer with 70% transmission efficiency
- Internal meshing drive system for higher transmission efficiency
- Integrated laser-cut chassis and rotary support
- Three-wheel sprinkler car with guide wheel for stability
- Stainless steel guide screw and corrosion-resistant components
- Pipe anti-rotation wrench device
- Dual liquid pressure gauges for turbine and nozzle monitoring

## Performance Metrics

### Operational Performance

**37 %**

Turbine Efficiency

**70 %**

Reducer Efficiency

**15 years**

PE Pipe Service Life

## Technical Specifications

### Model Specifications

Model	Pipe (mm x m)	Flow Rate (m3/h)	Weight (Dry, kg)
570GX	75 x 350	14-26	1453
75/350	75 x 350	14-26	1453
82/320	82 x 320	19-48	1680
90/300	90 x 300	25-52	1790
100/200	100 x 200	26-60	1820

Inlet Pressure Range	0.55 MPa
Travel Speed Range	8 - 180 m/h
Maintenance & Material	Stainless Steel Guide Screw, Corrosion Resistant, Oxidation Resistant, Integrated Laser Cutting