

# High-Speed Drip Irrigation Pipe Machine

This machine produces drip irrigation pipes with a labyrinth structure at high speed. It features automatic control, cutting, and winding capabilities, and it can directly feed recycled material to reduce costs.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Irrigation Pipe Production

The MD50-3H is a high-speed, single-blade labyrinth drip irrigation pipe machine engineered for maximum output and material efficiency. Featuring a three-layer A/B/A structure, it allows for up to 80% recycled material usage in the middle layer, significantly reducing production costs without compromising quality. With an automated four-station winder and continuous filter-net changing capabilities, the system ensures non-stop operation and requires minimal labor.

## Performance Metrics

### Production Speed

**160 m/min**  
Minimum Speed

**200 m/min**  
Maximum Speed

### Power Consumption

**85 kW**  
Total Power Limit

**50 kW**  
Actual Operating Power

## Technical Specifications

### Pipe Dimensions

Parameter	Range
Inner Diameter	16-22 mm
Wall Thickness	0.12-0.5 mm
Coil Length	700-2000 m

### Dropper Specifications

- Intervals: 200mm, 300mm, 500mm
- Flow Capacity: 0.8-3.2 L/h

## Machine Features

### Key Features

3-Layer A/B/A Structure • Recycled Material Compatible • Automatic Winder • Non-stop Filter Changing • High-Speed Output

## Physical Attributes

Dimensions (L x W x H)	25000 x 5000 x 4000 mm
Total Weight	8000 kg