

Drip Irrigation Pipe Production Line

This production line is used to manufacture mosaic column emitter type drip irrigation pipes. The resulting pipes are commonly used in water-saving irrigation applications such as greenhouses, farmland planting, and landscaping.



Overview

High-Efficiency Irrigation Pipe Production

This advanced production line is engineered for the manufacturing of mosaic column emitter type drip irrigation pipes, suitable for diverse agricultural applications including greenhouses and large-scale farmland. The system features a high degree of automation, synchronizing emitter feeding, pipe extrusion, hole drilling, and rolling into a seamless process. Built with premium materials like 38CrMoAlA nitriding steel, the line ensures consistent, smooth pipe production with strong anti-blocking capabilities for the final product.

Technical Specifications

Technical Parameters by Model

Feature	SJNX-70-YZ	SJNX-90-YZ
Production Speed (m/min)	20-40	30-50
Main Driving Power (kW)	45	55
Max. Extruding Capacity (kg/h)	120	158
Heating Power (kW)	30	38
Installation Power (kW)	100	120
Overall Dimension (m)	31 x 4.5 x 3	31 x 5 x 3

Shared System Metrics

180 pcs/min

Max Emmitter Supply Speed

3 m3/h

Water Consumption

2 m3/min

Air Consumption

Product Capabilities

Final Product Capabilities

- Final pipe specification: $\Phi 16$
- Wall thickness range: 0.5-1.2mm
- Dripper distance: e200mm
- High anti-blocking capability
- Suitable for plains, hills, and sloping fields

Key Machine Features

Computer System Control, Touch Screen Operation, Synchronized Production, High Automation, Frequency-Variable Tractor, Residue Recycling System, Double-Station Rolling