

## Tape type drip irrigation belt manufacturing unit



### Main technical parameters:

#### Features:

- 1, the main motor, molding device, traction machine are controlled by variable frequency adjustment easy, reliable, stable, low energy consumption.
  - 2 Screw adopts special design and material plasticizing effect, stable production.
  - 3, extruder and die heating temperature, automatic temperature control system, high precision temperature control, energy saving effect is obvious.
  - 4, winding motor with torque control, and to overcome deficiencies with digital tension meter, automatic shutdown alarm.
- Tape type drip irrigation with the application: for a variety of field crops, greenhouses and greenhouse, drip loss, mouth dripping between the actual needs can provide.

### Construction features:

Model	SJLY-55
Production rate	20~50 m/min
Extruder driving power	15KW
Extruder heating power	17.5KW
For nets	Quick Filter
Traction drive power	0.75KW
Pump drive power	2.35KW
Winding drive mode	Torque Motor6N.m×2
Winding length	2000m
Installed power	45KW
Total Water consumption	2m <sup>3</sup> /h
Dimensions (Long×Width×Height)	9×5×3.5m

### Tape type drip irrigation belt features:

- 1, thin-type drip irrigation belt, forming a labyrinth flow channel, high performance
- 2, turbulent flow design, a certain degree of pressure compensation performance

3 slot-type outlet is only open when there is pressure to flow out naturally closed under no pressure, it can prevent impurities such as plant roots and soil invasion led to the outlet plug

4, flow stability

5, emitter flow, good flexibility

6, the laying of long lengths

7, good corrosion resistance

**Tape type drip irrigation technologyParameter**

Parameter name	Parameter values
Nominal diameter (mm)	16 、 20
Nominal wall thickness (mm)	0.2~0.3
Working pressure (MPa)	0.05~0.07
Drip loss (L/h)	0.75~1.5
Mouth dripping pitch (mm)	100, 150, 200, 300, 600 、 1200
Length per roll (m)	2000