

Flat Yarn extruder machine



Constituent part	Quantity
SJ-80 extruder	1 set
Die mould	1 set
Cooling water tank	1 set
First traction machine	1 set
Heating and stretching system	1 set
Second traction machine	1 set
Winder-280 spindles	1 set
Electric cabinet	1 set
Charging machine	1 set
Breaker machine	1 set
Mixer machine	1 set
Garbage collection machine	1 set

Detailed specification

1.SJ-80 extruder

Parts	Main items	Model	Explanation
Screw and barrel	Screw diameter	Φ80mm	Material:38CrMoAlNitriding processing
	Screw length/diameter (L/D)	28: 1	
	Screw number	1	
	Barrel heating power	18KW	
	Heating type	Infrared ray energy-saving heater	
	Screw length	2240mm	
	Heating sector	6	
	Head power	6KW	
	Nitriding depth	0.40-0.70mm	
	Nitriding rigidity HV	890-980	
	Surface roughness (mm)	Ra0.8-Ra1.6	
	Screw speed	30-60r/min	

Parts	Main items	Model	Explanation
reduction drive	146 type hard teeth surface gear box	Gear material is special alloy steel	Plastic machinery special used
Main motor	Power	22KW	Frequency control
Main machine	Contact type of Die and mould	Contact by bolts in the type of flange	Center height (match with mould)
		Total power	

Detailed specification

Die mould

Mould type	flat board type:length: 800mm
Heating type	board or stick heater

Cooling tank

Size	1000×1000×400mm
Material	A3

First traction machine

Traction type	by roller, Roller diameter: 140mm
Driving motor	1.5KW motor with frequency converter
Cutting type	by knife
Amount of knives	10-12

Heating and stretching device

Heating type	Heating board
Heating power	15kw
Size	3×0.85m

Second traction machine

Traction type	5 rollers, Roller diameter: 270mm
Driving motor	5.5kw motor with frequency converter

Winder-280 spindles

Winding type	single winder
Amount	280 spindles
Torque motor	0.4n/m

Detailed specification

Electric cabinet

Frequency converter brand	Fuling
---------------------------	--------

Electrical appliances brand	Chint
-----------------------------	-------

Technology parameters

Product width can be adjusted

Output	60—80 kg/h
--------	------------

Installed dimension	20×3×2m
---------------------	---------

Weight	about 4T
--------	----------

Power	3 phases 415V 50Hz
-------	--------------------



*This step for producing PE or PP **Flat yarn**, one machine production per day can provide 3 netting machine material.