



_____Gummy Candy Making & Process Equipment
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APK-GD80Q

Gummy Making

Machine





CERTIFICATE OF CONFORMITY



APK-GD80Q Automatic Gummy/Jelly Candy Depositing Line

FEATURES:

This production line for gummy candy the whole production line 16 meters at length, and only 130 pcs moulds required for this line.

The processing line is an advanced and continuous plant for making different sizes of chewy gelatin-type soft candies. It is an ideal equipment which can produce out good quality products with the saving of both the manpower and the space occupied.

CANDY SAMPLES : ||



MOULDS PHOTO(you can also choose silicon rubber mould):



TECHNICAL SPECIFICATIONS:

Model	APK-GD80Q
Production capacity (kg/h)	80

Rated depositing times(n/min)	25~55
Electric power needed	42kw/380V
Refrigerator	MT120 15,000 kcal/h
Compressed air consumption	0.20m ³ /min
Compressed air pressure	0.4-0.6 Mpa
Conditions needed for the cooling system:	
1.Room temperature(°C)	20-25
2.Humidity (%)	55
Length of the whole line (m)	8
Gross weight (Kgs)	2,000

FLOW CHART:

Sugar and carrageenan/ gelatin/ pectin dissolving

→ mixing→cooling

→ transporting

→ depositing

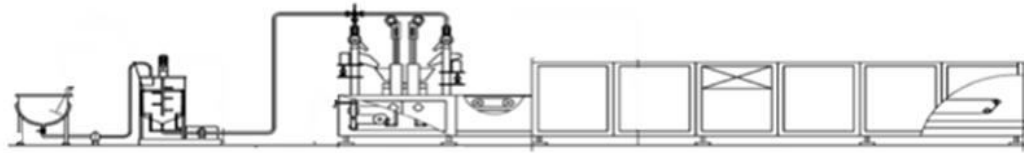
→ cooling

→ de-moulding

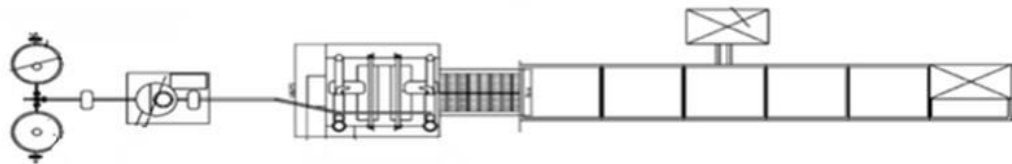
→drying

→milk coating

→packing





Jelly/gummy candy depositing line


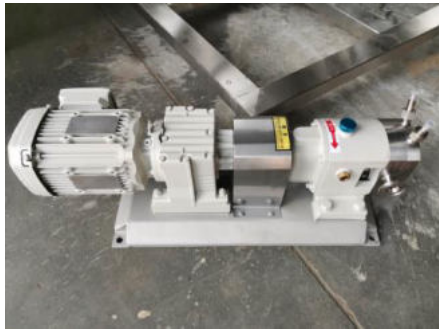



COMMODITY: COMPLETE JELLY CANDY DEPOSITING PROCESSING LINE

MODEL: GD80Q

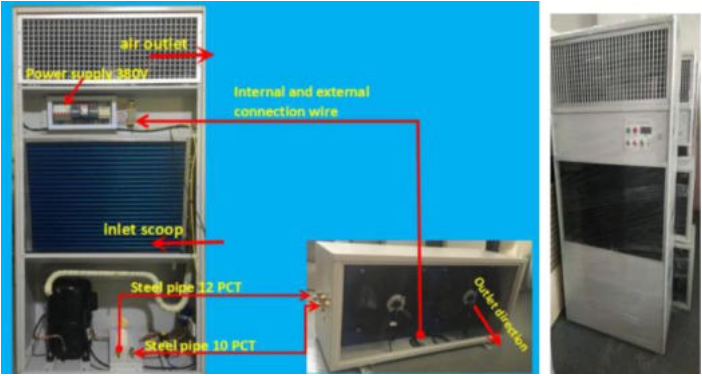
Item	Name	Specifications	Unit	Qty	Amount Price (RMB)
1	Fixed jacket cookers	<ul style="list-style-type: none"> * It can dissolve sugar and maltose rapidly, can reach full uniform effects of dissolving by add an uniform agitation,. * No sediments & over burned. * With steam to dissolve, rapidly, economic and convenient. <p>Volume:200L, Working pressure:0.15MPa, WorkingTemperature: 120℃.</p>	pcs	2	





		<p>1 set for dissolving the gelatin 1 set for syrup boiling</p>			
2	<p>Gear discharge pump</p> 	<p>* Specially suitable for the delivering syrup to the storage tank or cooker. * Over-pressure protecting design. Diameter: 1"; Cap.: 3.3 m³/h, 55l/min.; Outlet Pressure: 0.32MPa; Speed: 1420r/min; Motor power:1.1kW.</p>	pcs	2	

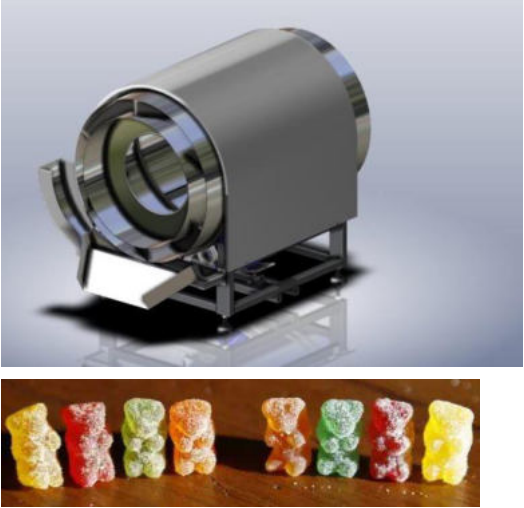

<p>3</p>	<p>Storager tank</p> 	<p>This storage tank is used for storage the syrup, mixing with flavor or color.</p> <p>Volume:200L, Stirrer power: 0.75kW; Inner Diameter: Φ700mm Shell dimension: Φ800mm x 1700mm</p>	<p>pcs</p>	<p>1</p>	
<p>4</p>	<p>Rotor discharge pump</p> 	<p>For convey and lift of syrup and other cream mixtures. Main used to convey syrup from syrup tank to the depositor Interlayer-sleeve hot-temperature holding.</p> <p>Technical Parameters: flow rate:25L/min Delivery lift: 8m Caliber:1 inch Power:0.75Kw weight:105Kg</p>	<p>pcs</p>	<p>1</p>	

5 Gummy/Jelly depositing and cooling tunnel unit 	Electric cabinet	set	1
	Dynamic mixer and power (with screw power feeder)	set	1
	Single depositing head (2 hopper)	set	1
	Manifold plate and nozzles	set	1
	Oil spraying system for demould	set	1
	Chiller(Air cooling /water cooling) 10PH	set	1
	Moulds	set	130
	Capacity: 80kg/hour		

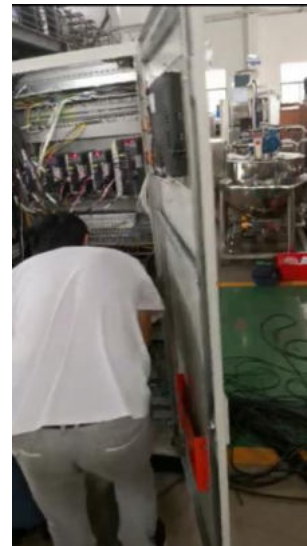
The following items are options.

1 Drying room system 	set	1
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2	Turnover tray  	pcs	100	
3	Turnover cart  	Set	10	

<p>4</p>	<p>Sugar coater</p> 	<p>The machine is designed and made out according to the special jelly candy processing technology. It is used for coating the sugar grunels out side of the jelly candy, It is made of Stainless Steel.</p> <p>Power: 3.75kW, Dimension: 3800x1250x1800mm, Weight: 650kg</p>	<p>set</p>	<p>1</p>	
<p>5</p>	<p>Oil sprayer</p> 	<p>Features</p> <ul style="list-style-type: none"> High degree of hygiene and sanitation The machine is designed and made out according to the special gummy candy processing technology. It is used for coating the oil /syrup/wax out side of the gummy candy, It is made of Stainless Steel. Optimum coating to give quality appearance to products Economical sugar usage Low maintenance Consistent and reliable operation 	<p>Set</p>	<p>1</p>	

Machine is manufacturing in our factory:



Details:

Hopper: All welding for food contact in the hopper are polished well without any hygienic dead angle. Stirrer inside the hopper for syrup average heating. Oil Hopper jacket is recycle type for better and average warming.

Special design manifold and nozzles make tail free.

Individual nozzles cone shape spray the oil to cavities of mold, for saving oil and sanitary condition.

High accuracy fabrication technology for deposit piston and copper sleeves makes the consistency of candy weight. Helical gear box for depositing and mould driving makes it works smoothly.

Combine Static and Dynamic Mixer with piston type dosing pump for much better mixing with color and flavor and other ingredients.(flavor ,acids, vitamins,CBD,THC...)

Status of each parts monitor in HMI is available.Improved program of PLC control for each parts high accuracy temperature control.

Special chain with OPP plastic remove parts.High quality mould carry chain and chain guide plate with chain fixing units makes mould moving smoothly without any problem. Chain type de-molding with two brushes installed and each brush with air knife for 100% de-molding.

Cooling tunnel:

- 1.Longer type customized AHU instead of standard short type installed in the cooling tunnel for better cooling affection.**
- 2.Freon will be R134A or R410A instead of R22 for USA policy requirement.**
- 3.All sanitary design structure and IP65 electrical standard makes the tunnel washable by washing water.**
- 4.Blue PU belt instead of white PVC.**
- 5.Chilling system with de-frost heating elements in AHU makes the humidity in tunnel lower than normal.**

6. Reasonable cooled air flow for high performance of cooling.

Mould samples and drawings: The mould shape and size can be customized. The mould surface coating with Teflon, easy for demoulding, and make the candy shape clearly.

Advance type: (pictures just for reference, each mold with 20 pieces gummies, OPP plastic remove parts)