

# SOYA CHUNKS /NUGGETS PROCESSING UNIT



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# SOYA CHUNKS PROCESSING UNIT / SOYA NUGGETS MAKING PLANT

Textured of texturized vegetable protein , also known as textured soy protein , soy meat or soya chunks is a defatted soy flour , product , a by product of extracting soyabean oil . It is often used as a meat analogue or meat extruder .It is quick to cook , with a protein content comparable to some meat .

**Vitamins : quantity %DV+**

**Calcium : 19 % , 241 mg**

**Carbohydrates : 33.9 gm.**

**Energy : 1392 KJ (333 Kcal )**

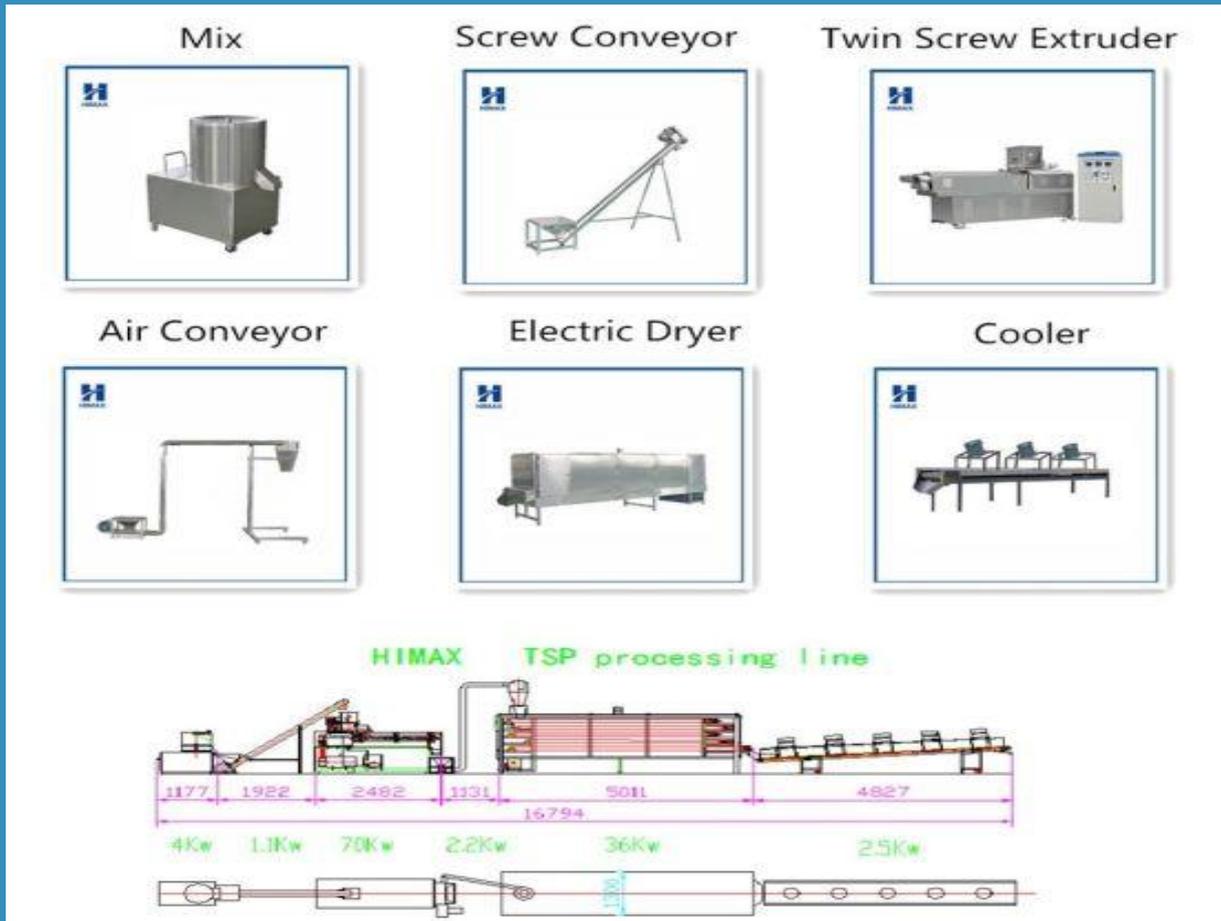
**Folate (F9 ) : 76 % , 305 ug**

**Iron : 51 % , 9.2 mg**

**Magnesium : 69 % , 290 m**



# SOYA CHUNKS PRODUCTION LINE



# Nutritional Soya chunks making plant

We have capacity from 150 kg to 1000 kg per hour and more

ECO		COMBO		ULTRA				ULTRA SMART			
200		400		400		500		800		1000	
Cap 150-200 kg/hr		Cap 300-400 kg/hr		Cap 300-400 kg/hr		Cap 500-600 kg/hr		Cap 800-1000 kg/hr		Cap 1000-2000 kg/hr	
Grinder	1	Grinder	1	Grinder	1	Grinder	1	Grinder	1	Grinder	1
Mixer	1	Mixer	2	Mixer	1	Mixer	1	Mixer	2	Mixer	1
Screw Conveyor	1	Screw Conveyor	2	Screw Conveyor	1	Screw Conveyor	1	Screw Conveyor	2	Screw Conveyor	1
Extruder 70 mm	1	Extruder 70mm	2	Extruder 75mm	1	Extruder 78mm	1	Extruder 78 mm	2	Extruder 95 mm	1
Vibrator Cooling	1	Vibrator Cooling	2	Vibrator cooling	1	Vibrator Cooling	1	Vibrator Cooling	2	Vibrator cooling	1
Air Conveyor	1	Air Conveyor	1	Air Conveyor	1	Air Conveyor	1	Air Conveyor	1	Pre-Dryer	1
-----		-----		-----		-----		-----		Air conveyor	1
Multi-Layer dryer(7-9)	1	Multi-Layer Dryer (7-9)	1	Multi- Layer Dryer(7-11)	1	Multi-Layer Dryer(7-11)	1	Pre- Dryer	1	Multi- layer dryer (7-11)	1
Cooling conveyor	1	Cooling conveyor	1	Cooling conveyor	1	Cooling conveyor	1	Multi-Layer Dryer (7-11)	1	Cooling conveyor	1
-----		-----		Chiller	1	Chiller	1	Chiller	1	Chiller	1
Power - 150 Hp		Power - 250 Hp		Power - 330 Hp		Power - 348 Hp Steam 1500 kg/hr		Power - 548 Hp Steam 2000 kg/hr		Power - 650 Hp Steam 4000 kg/hr	
2400 sq ft		2700 sq ft		2700 sq ft		3600 sq ft		4500 sq ft		6000 sq ft	

# MACHINERIES COMPLETE DETAILS

## MACHINERIES COMPLETE DETAILS

MACHINE NAME	150 – 200 KG	300 – 400 KG	500 – 600 KG	700 – 800 KG	1000 KG
<b>GRINDING SECTION</b> 	<b>QTY. 1</b> Main Power : 15 kw Capacity : 200 kg /hr.	<b>QTY. 1</b> Main Power : 22 kw Capacity : 500-600 kg /hr.	<b>QTY. 1</b> Main Power : 22 kw Capacity : 500 - 600 kg /hr.	<b>QTY. 1</b> Main Power : 37 kw Capacity : 700-800 kg /hr.	<b>QTY. 1</b> Main Power : 55 kw Capacity : 1000 kg /hr.
<b>MIXER</b> 	<b>QTY. .1</b> Power : 7.5kw Mixing time : 90-120 sec./min Tank volume :250 lit. Dimensions : 1.4 x 0.75x 1.5 m	<b>QTY. .1</b> Power : 7.5kw Mixing time : 90-120 sec./min Tank volume : 250 lit. Dimensions : 1.4 x 0.75x 1.5 m	<b>QTY. .1</b> Power : 7.5 kw Mixing time : 90-120 sec./min Tank volume :250 lit. Dimension s : 1.4 x 0.75x 1.5 m	<b>QTY. .1</b> Power : 13kw Mixing time : 90-120 sec./min Tank volume :250 lit. Dimensions : 1.4 x 0.75x 1.5 m	<b>QTY. .1</b> Power : 20 kw Batch : 200 kg /batch Size : 2.0 x 1.5 x 1.8 m
<b>SCREW CONVEYOR</b> 	<b>QTY. : 1</b> Tube size : 141mm Power : 1.5rv75 Size : 3.0 x 0.6 x 2.5 m	<b>QTY. : 1</b> Tube size : 141mm Power : 1.5rv75 Size : 3.0 x 0.6 x 2.5 m	<b>QTY. : 1</b> Tube size : 141mm Power : 1.5 rv75 Size : 3.0 x 0.6 x 2.5 m	<b>QTY : 1</b> Tube size : 141mm Power : 1.5rv75 Size : 3.0 x 0.6 x 2.5 m	<b>QTY. : 1</b> Tube size : 141mm Power : 1.5 rv75 Size : 3.0 x 0.6 x 2.5 m
<b>TWIN SCREW EXTRUDER (Agrogen Brand )</b> 	<b>QTY. : 1 (70 mm )</b> Main motor 37 kw Capacity : 150- 200 kg /hr.	<b>QTY. : 1 (75 mm )</b> Main motor :75 kw Capacity : 300-400 kg /hr.	<b>QTY. : 1 (75 mm )</b> Main motor :90 kw Capacity : 500- 600 kg /hr.	<b>QTY. : 1 (78 mm )</b> Main motor 90 kw Capacity : 700-800 kg /hr.	<b>QTY. : 1 (1200 R )</b> Main motor: 110 kw Capacity : 1000-1200 kg /hr.
<b>VIBERATOR FEEDER</b> 	Size :2x 0.7x1.5 m Power : 0.12 kw /set ,two set fan : 2 pcs.	Size :2x 0.7x1.5 m Power : 0.12 kw /set ,two set fan : 2 pcs.	Size :2x 0.7x1.5 m Power : 0.12 kw /set ,two set fan : 2 pcs.	Size :2x 0.7x1.5 m Power : 0.12 kw /set ,two set fan : 2 pcs.	Size :2x 0.7x1.5 m Power : 0.12 kw /set ,two set fan : 2 pcs.

<p><b>MULTI LAYER DRYER</b></p> 	<p>Model : AG- 7-9-1000</p> <p>Total power:96kw Drive motor : 2.2 kw Install motor : 1.1 kw (5 air blower ) Belt width: 1000mm Capacity : 100-300kg/h Dimension(m) :8.3×1.3×2.3</p>	<p>Model : AG- 7-11-1000</p> <p>Total power:120kw Drive power(KW): 1.5kw+1.5kw Feeder motor: 0.37kw Heating Circulation fan power:1.5kw* 6 Dehumidifyi ngfan: 0.55kw*2 Belt width: 1000mm Capacity : 600-800kg/h Dimension(m) :11.0×1.6×2.4</p>	<p>Model : AG- 7-11-1000</p> <p>Total power:120kw Drive power(KW): 1.5kw+1.5kw feeder motor: 0.37kw Heating Circulation fan power:1.5kw* 6 Dehumidifyi ngfan: 0.55kw*2 Belt width: 1000mm Capacity : 600-800kg/h Dimension( m) :11.0×1.8×2.4</p>	<p>Model : AG- 7-11-1200</p> <p>Total power:144.2kw Drive power(KW): 1.5kw+1.5kw+1.5kw Swing Spreader motor: 0.2kw Circulation fan power:3kw*6 Dehumidifyi ngfan: 0.75kw*2 Belt width: 1000mm Capacity : 600-800kg/h Dimension(m) :11.0×1.8×2.5</p>	<p>Model : AG-7-11- 1200</p> <p>Total power:144.2kw Drive power(KW): 1.5kw+1.5kw+1.5kw Swing Spreader motor: 0.2kw Circulation fan power:3kw*6 Dehumidifying fan:0.75kw*2 Belt width: 1200mm Capacity: 1000 Dimension(m): 11.0×1.8×2.5</p>
<p><b>COOLING</b></p> 	<p>Power : 0.37KW Electricity fan:3pcs, 80W/pc Dimension: 4.5 x 0.6 x 1.0m</p>	<p>Power : 0.37KW Electricity fan:3pcs, 80W/pc Dimension: 4.5 x 0.6 x 1.0m</p>	<p>Power : 0.37KW Electricity fan:3pcs, 80W/pc Dimension: 4.5 x 0.6 x 1.0m</p>	<p>Power : 0.37KW Electricity fan:3pcs, 80W/pc Dimension: 4.5 x 0.6 x 1.0m</p>	<p>Power : 0.37KW Electricityfan:3 pcs,80W/pc Dimension:4.5 x 0.6x 1.0m</p>

only boiling water. Open outer package, put instant rice and vegetable packs inside and boiled water to water level. Mix rice evenly, wait 10 mins, then you can enjoy the yummy rice!





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**We are waiting for your positive  
Response!**