

RENDERING PLANT

CAPACITY:1ton/batch



Company Introduction:

It is a comprehensive research and development machinery manufacturing enterprise , professional manufacturer poultry rendering machine and fish meal machine, owns a modern factory with over 20000 square meters, have 16 staffs professional senior engineer, one UK technical adviser. On the basis of absorbing advanced technologies from Denmark etc., the company has gained three patents. Meanwhile, the company has passed ISO9001:2008 quality management system certificate (the

General Administration of Quality Supervision, Inspection & Quarantine),CE certificate, SGS certificate.We establish a long-term relation of cooperation with companies of South Korea, USA, Germany, Russia, Thailand, Malaysia, Philippines etc.

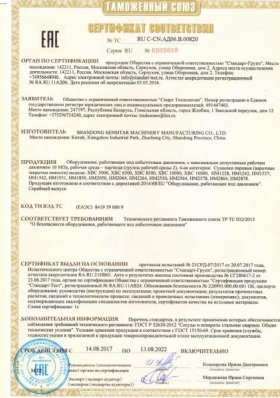
Certificate

CE

Manufacturing certificate

EAC

ISO



High and new technology enterprise

Patent

Honest And Trustworthy Enterprise



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- Our rendering plant suitable for poultry,poultry waste,pig,cow,sheep,fish,feather,bone,blood,all animal waste.
- High efficiency,all the machine can be equipped by customers' requirement,a complete production line or a simple one just depend on all customers' choice.
- The finally product will be meal and oil,the meal is used for poultry feed,the oil will be used for industrial oil.

Working flow chart:

Raw material--cook--oil press--oil and meal

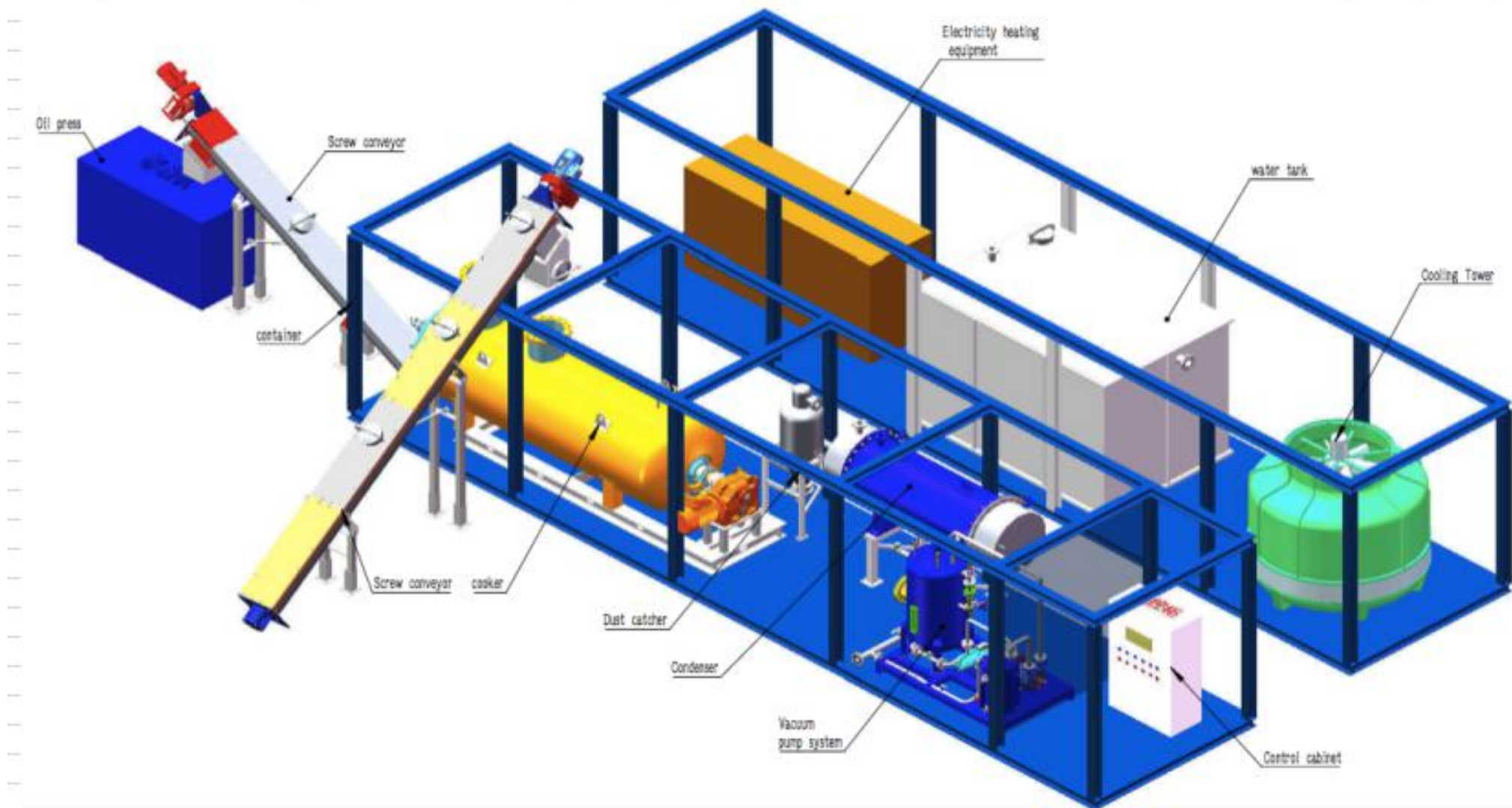
- One working circulation need about 4 hours,if you want the meal more dryer,the machine should be working longer.
- For 1 ton raw material,you can get 280kg meal and 50kg oil,this data is estimate,detail data depend on different raw material. This is data for poultry process
- Building required:100-200 square meters(23m*12m)
- Height:at least 5.5meters
- Total power:almost 37.35kw
- Need 1 ton steam per hour, pressure is more than 1 Mpa

1.Detail machines:

NO.	ITEMS	PICTURE	MODEL	MATERIAL	QTY	REMARKS
Processing system						
1	Batch cooker		XZD	Carbon steel	1	Function: sterilizing and drying the raw material Length: 4000mm, width:1600mm, Height:1900mm Heating surface:7 m ² Design pressure cooker: 5 bar Steel base, operation platform, PLC, steam pipes included. Power:5.5kw
2	Screw conveyor		XZD	Carbon steel	2	Function: transport raw material into cooker, transport the meal into oil press Power:2.2kw/piece
3	Oil press		XZD	Carbon steel	1	Function: press the meal to get oil and meal Capacity: 200kg/h Power:15kw This is ordinary press, not Denmark technology

4	Vacuum pump		XZD	Carbon steel	1	Function: after cooking,take out steam from cooker during drying process . Power: 6.2kw
Waste gas treatment						
1	Condenser		XZD	Carbon steel	1	Function: cool the steam from cooker Diameter:800mm, length 2000mm Power:5.5kw
2	Cooling tower		XZD	Carbon steel	1	Function: cool water from condenser Capacity: 30ton/h Power:0.75kw

3	Cyclone dust catcher		XZD	Stainless steel	1	Function: filter the dust from the waste gas Diameter: 500mm, height 2000mm
PLC control system						
1	PLC control system		XZD		1	Function: control the whole production line





Add: Xiangzhou Industrial Park, Zhucheng City, Shandong Province, P.R. China

PRODUCT OUTPUT

Raw material → Rendering plant → Meal and oil → Animal feed and industrial oil

