

&lt; WeChat

John Xu

...

Are the completed mobile design cover all the machines in this diagram?



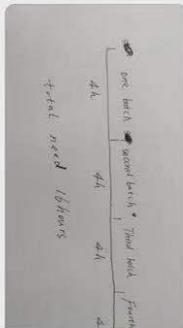
And does it have more than 1 batch?  
We want our design to work  
continuously. So we are preparing to  
put more than one batch?



Wednesday 下午6:05



Yes, our smallest input capacity is 1 ton. The batch cooker are working for about 4 hours all the time, and then the meal come out. input another 1 ton material, start another batch work.



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John Xu

...

This is really cool. Does the exist product have 6 batch to work 24 hours a day?



Wednesday 下午6:11



Yes, 6 batches for 24 hours

Wednesday 下午6:14

Ok I will check with my boss! This is really helpful! Thank you



ok, you are welcome. Contact me if any question

Wednesday 下午6:33



send you some descriptions



Sensitar 1T rendering plant description.pdf



1.52M

WeChat for Windows



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John Xu

...

Thank you so much. This is really helpful.



Yesterday 上午9:11



you are welcome

Yesterday 上午10:50



You can use 0.5 ton steam boiler, no need 1ton steam boiler.



i did not see the steam boiler in the PDF you sent me. What is this component?



You need prepare boiler by yourself



it provide heat source for rendering plant

Yesterday 上午10:56



If you have steam source, it is also ok.



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John Xu

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If you have steam source, it is also ok.



the function of the steam boiler is only the heat source? I do think we have one. Does your company sell similar component?



steam boiler to provide hot steam to cook and dry raw material.



Oh, is it a part in the cooker?



The other thing is we are worrying about will the product can satisfy Australian standard. Maybe we need to modify a little bit of the existing mobile plant.

Yesterday 上午11:01



boiler is not part of cooker, it is individual part, just provide steam source



The other thing is we are worrying



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John Xu

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The other thing is we are worrying about the transportation issues. We will transport this whole mobile plant from one farm to another one. So we are worried about the stability and structural integrity.



We probably need to do some computational simulation to test it?



Oh I think I got it. Boiler will provide steam.



Yesterday 上午11:08



do not worry transport, we fix machine on container



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John Xu

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We are wondering do we need some more structural reinforcement.



Can we look at the ventilation component?



We also want this to be easily access and maintenance.



What is the lifetime roughly of the whole system?



I am also talking with my team do we really need 6 batch and let it work 24 hours per day. Because we



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John Xu

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I am also talking with my team do we really need 6 batch and let it work 24 hours per day. Because we are farming the insects. The production of the insects is not that big.



I am also waiting for my team. They are doing some research about the Australian standards. Have you ever sell this product to Australia before?



Yesterday 上午11:13



Yesterday 上午11:13



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John Xu

...



this is ventilation component



it is easy to assemble, just need connect pipes between machine



Design working life is about 15-20 years



Will you provide a detailed manual and teach us how to manipulate the whole system?



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John Xu

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Yes, Our engineer come to customer site, guide to install machine, adjust machine, and teach your worker to operate machine

Just like you mentioned before we need a boiler. This component is not included in the pdf file. Is there any other components we need?



Could you send me a more detailed document.



We are checking the Australian standards. I am waiting for my team's response. The other thing is the financial analysis.



You just prepare electricity, boiler, a water pool (with water) for cooling tower. If you are very near to sea, you do not need cooling tower

Yesterday 上午11:25

We are not near the sea. Haha



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John Xu

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We think we need the cooling tower.



Yes



Sensitar poultry rendering...t catalog.pdf



13.25M

 WeChat for Windows

Yesterday 上午11:26



please check our product catalog

This is really cool.



,thanks

I will communicate with boss. I think this is the product we are looking for.



Hope it is helpful for you

This helps a lot.



WeChat

John Xu

...



This figure seems like not very clearly.



Do you have a more clearly version



Our boss really want us to do the computational simulation and detailed 2D and 3D drawing. This is because we want to make sure all the component can satisfy the Australian standards.



Let me check



Is it possible to provide some helps towards to this

Thank you.



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John Xu

...



Your heating source is steam, right?

Yesterday 下午4:59

Is there any other options?



can use electricity conduction oil,  
use electricity heating

Which one is more safer? We want  
this can be easily maintenance and  
operated and easily transportation



the electricity heating pipe is about  
120KW, not include machine power  
consumption

which one do you recommend?

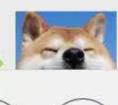


Yesterday 下午5:05



i think steam is better because the  
heat area is uniform

How about safety consideration?



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John Xu

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How about safety consideration? 

We are also wondering about the efficiency of the production line? 

Yesterday 下午5:20



Electricity conduction oil is circulation of cooker jacket, it is more safe. But oil can fire when it meet oil. The boiler has pressure, it can explode.

What do you mean oil can fire when it meet oil? 

Sorry 



Electricity conduction oil is oil



oil will burn when it meet fire

Yesterday 下午5:25



they should be same safe, has thier



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John Xu

...



they should be same safe, has their own advantage and disadvantage

Yesterday 下午5:38



Lily, i just checked the heating pipe for conduction oil is more than 180KW, it is ok for you ?

Yesterday 下午5:41

Except for the cost, is there anything difference between 180kw and 120kw?



More than 180 KW is better. The power is smaller , the heating speed is lower



180KW only for heating pipe for oil, not includes machine power consumption



If you use steam heating type, your boiler can remove from one farm to another farm ? Or you have steam source in every farm?



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John Xu

...



If you use steam heating type, your boiler can move from one farm to another farm? Or you have steam source in every farm?

Yesterday 下午5:55



your email ID is  
[u6065938@anu.edu.au](mailto:u6065938@anu.edu.au), right?

Yesterday 下午9:23

Yes. We don't have a steam source in every farm.



Does this mean we must use electricity conduction oil? Right?



Yes. You can contact me via this email



if your boiler can move from one farm to another farm, you can use steam heating

Yesterday 下午9:30



WeChat

John Xu

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Yesterday 下午9:30

Yes. We do not have similar experience. So, we are wondering which one is better. As you mentioned before, they are in similar safety level. But, boiler can heat uniformly.



Yesterday 下午10:06



Yes, if your boiler can move, you can use steam heating



If not, you can use electricity heating

Yesterday 下午10:31

For the existing product. Do you use the boiler or electricity heating?



We have two types. recently we sent electricity heating type to customer because it is easy to transport. We supplied steam heating type to customer before.



WeChat

John Xu

...

I think electricity seems good. As it can be easily transported.



We are wondering can we get some more detailed for the design. We need to check if it can satisfy the Australian standards and do some computation simulation. We got there will be some IP issues. So, we are wondering is it possible to provide some more dimension details?



Yesterday 下午10:37



we send you two layout drawings



Do you have a clearly version of this diagram? It's a little bit hard to read.



WeChat

John Xu

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We are wondering can we get some more detailed for the design. We need to check if it can satisfy the Australian standards and do some computation simulation. We got there will be some IP issues. So, we are wondering is it possible to provide some more dimension details?



Yesterday 下午10:37



we send you two layout drawings



Do you have a clearly version of this diagram? It's a little bit hard to read.



This drawing is just for your reference, we need do exact drawing after order.



WeChat

John Xu

...

We received a work flow from another company. They also include decanter, separator in the whole system. We found your product do not include these machines. Do you mind explain a bit?



We also found the oil from your system is industrial oil. We want the oil can be used to feed livestock.



下午12:37



If you need decanter and centrifuge to get pure oil, we can provide you



The oil can be used to soap, can use for animal



The oil is crude oil from press. you can use decanter and centrifuge if you want to get pure and high quality oil

下午12:46



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John Xu

...



You can use oil to animal feed, it depend on your raw material, not depend on rendering machines

will you redesign a system for us if we need decanter and percolator? Because it cannot be put in 2 shipping container right?



下午12:51



it need another containers. more machines need more containers



you can transport all oil into one place, use one decanter and centrifuge to process in one place

下午1:04



Yes. we will design them if you need decanter



I think collect all the industrial oil and then process them is a good idea. Because we want the final product to be used in industry area



WeChat

John Xu



I think collect all the industrial oil and then process them is a good idea. Because we want the final product to be used in industry area an cosmetics

The crude oil is industrial oil?



not industrial oil, just insect oil



But in the file you sent me, it said the final oil is industrial oil?



No, it will become industrial oil after another type machine to process crude oil from poultry

下午1:10

What kinds of machine do we need?



Our machine only produce crude oil from insect

I got it.



&lt; WeChat

John Xu

...



not industrial oil, just insect oil

But in the file you sent me, it said  
the final oil is industrial oil?



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下午1:10

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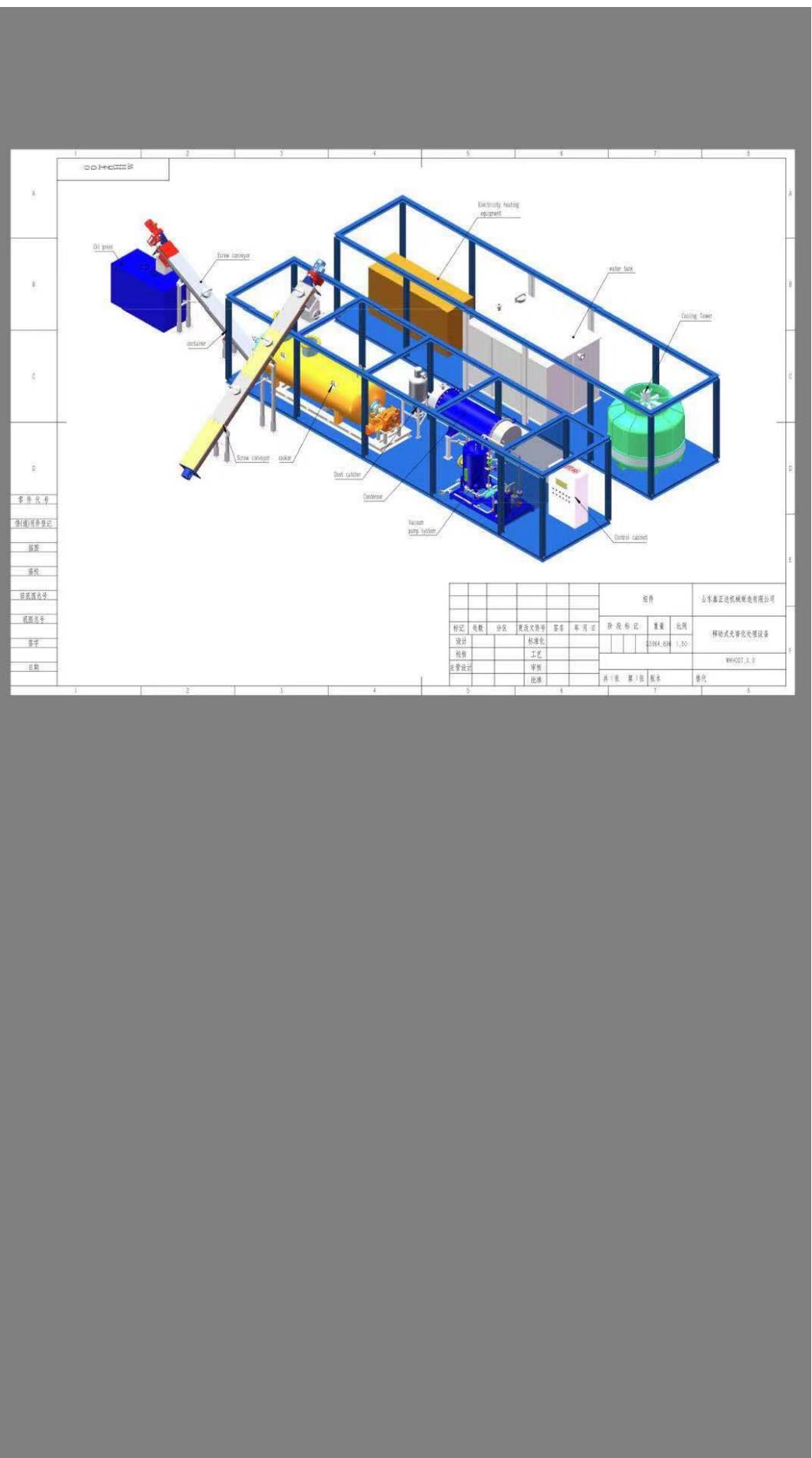
I got it.



I do not know, it is soap making  
machine, not our machine, i am not  
professional in soap manufacturing.

Ok, I got it



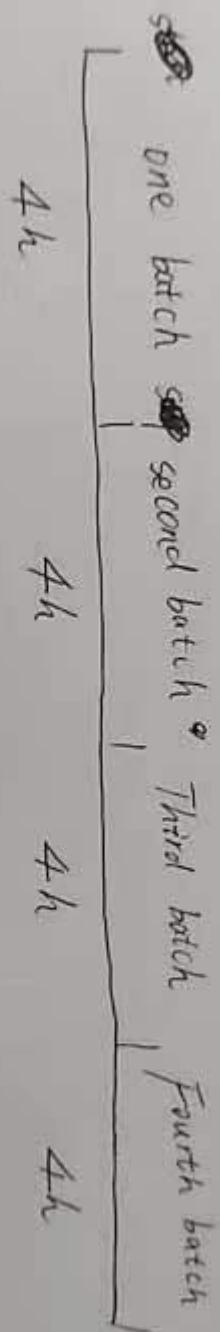












total need 16 hours