

FORMING OF CLAY



LUXURY ART S.A.R.L.
GLASS WARE & PORCELAIN WARE FACTORY

There are 2 type of forming at Luxury art factory
which are the below :

Type 1 : Process by Machine

1. Shaping forming machine

The worker will estimate the quantity
of clay need for the certain article then
they will cut the clay bar into small pieces.



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As seen in the picture that the small pieces of clay bar will be put on the mould then it will put under the pressing and spinning machine for forming into the shape.



After complete on the forming of shape the worker will take up the mould with the formed clay for processing the drying of clay.



There are 2 kind of Bisque-firing (drying of clay) (The purpose of bisque-fired which heating them at relatively low temperature to vaporize volatile contaminanats and minimize shrinkage during firing.)



Those 3 pictures are the pictures of "stairs" drying machine. The plate will be put on each level then it will rotated like a stair position. the drying machine is only suitable for the items such as plate and mug

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Below is another processing after drying process which is sponging machine.



The pictures of shape items waiting for firing step



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Type 2 : Manual Process



For producing items with handle such as tea or coffee tea pot, creamer and etc. It will be using the same method which the show in the below pictures however the location is different.

From the mixer, the clay will be inject into the mould which is show in the left side of the picutres. There are couple tube on the floor for incharging the injection of clay.

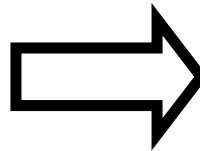


The injected clay will come out from the bottom of the "clamp" seen left side.

The workers will pill up the mould (there is a small hole on the mould) above the injection hole from the bottom.



The mould will pill up to the top part of clamping machine then it will be lock up tightly. Following the injection of clay will start. The clay will go from the bottom of the mould to the above of the mould till full.



After complete the injection then the mould will be take down and it is sperated by applying vacuum to the upper half of the mould ad pressure to the lower half of the mould. Pressure is then applied to the upper half to free the formed body.

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After taking out from the mould, the clay products will be put on the sleeve.

