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## **Small Laundry Soap Production Line**

**Small laundry soap production line is designed from the starter to make laundry soap in small scale, the capacity of this production line is 100kg/h for final soap.**

**The small laundry soap production line include:**

- 1. Mixing step: use mixing machine to mix soap noodle, zeolite, sodium silicate and pigment together evenly. To add zeolite and sodium silicate is used to adjust the fatty acid percentage in the final laundry soap. To add pigment is to decide the color of the final soap.**
- 2. Grinding step, use three roll grinding mill to grinding the mixed material, the grinding process is to make the raw material finely and in the best condition to make soap**



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**3. Extruding step, use our vacuum extruding machine to extrude the raw material into soap bar, this extruding machine applied double layer screw extruding, before extruding the raw material go through two screw pressing chamber, and in the vacuum chamber the water and air got extracted, in the vacuum condition the transparence of final soap will be higher and the final soap is not easy to crack. From the extruding machine, can change the mold to get soap with different shape and width.**



**4. Printing and cutting step: the digital cutting machine have two function: first print logo to the soap, in the printing process can adjust the thickness of the soap, second cutting the soap bar into the size you want, in the cutting step can adjust the length of the soap. So, from the extruding machine can change the width of soap by change the mold, in the cutting machine can adjust the thickness and length of the soap, thus in this production line it is easy to make soap with different requirement on the size of final soap.**



**5. Packing step: we have packing machine to pack the laundry soap into bags, for this small laundry soap production line the packing machine is optional, since the output is small some client do not need the packing machine.**

**Small laundry soap production line advantage:**

- 1. Simple flowchart, easy to install, operate and maintenance**
- 2. Small installation and operation area, the production line can be installed in a 100 square meters place.**
- 3. Low power consumption**
- 4. Labor saving, 3-4 people can operate the production line.**

**Apart from the 100kg/h small laundry soap production line, we also have 300-800kg/h and 1-2t/h laundry soap production line for your choice.**