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郑州帆德机械设备有限公司
ZHENGZHOU FANDA MACHINERY CO., LTD

Small Toilet Soap Production Line

Toilet soap is a widely used in our daily life, we design this small toilet soap production to produce toilet soap from soap noodle, perfume and pigment. We have 200-500kg/h and 500-800kg/h toilet soap production line for your choice.

Small toilet soap production line advantage:

- 1. From the mixing part can add perfume and pigment to decide the smell and color of final toilet soap**
- 2. From mixing part can add Zeolite and Sodium silicate to adjust the fatty acid percentage in the toilet soap, this production line can produce 50-70% fatty acid content high quality toilet soap, it can also produce low quality toilet soap with fatty acid 40-50%. It decide by how many Zeolite and Sodium silicate added to the soap noodle.**
- 3. Two step grinding, make the raw material with better fineness.**
- 4. Applied vacuum extruding, to improve the compact of the toilet soap.**
- 5. Printing and cutting part is easy to change mold to make toilet soap with different shape and size, on the mold have logo or symbol to print on the soap.**
- 6. We can make different kind of mold as your requirement, the mold is made of copper, which is hard-wearing.**

Small toilet soap production line machine list:

Machine name		Quantity	Picture
Mixing part	Mixer To mixer the soap noodle, Zeolite, Sodium silicate, perfume and pigment together evenly	1	
	Conveyor To transfer the mixed raw material to grinding part	1	
Grinding part	Screw grinder To grinding the raw material and improve the fineness of the mixed raw material	1	
	Three roller grinder Second time grinding, to continuous improve the fineness	1	
Extruding part	Conveyor To transfer the grinded raw material to extruding part	1	
	Double layer vacuum extruding machine To press the raw material into soap bar	1	
	Vacuum pump To extract the air and water in extruding chamber		

Printing and cutting part	Toilet soap Printing and cutting machine To print logo or symbol on the soap and cut the soap to different shape	1	  Toilet soap mold
	Cooler To cooling the printing machine and the mold	1	
	Flat conveyor To transfer the toilet soap, so that labor can collect the soap from this flat conveyor	1	
	Conveyor To transfer the soap residue from cutting part back to extruding part	1	
Controlling part	Electric panel To control all of the machines in the production line	1	

Packing part (optional)	Packing machine To pack the toilet soap into bag or box	1	
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Installed small toilet soap production line