



LCM

Environmental protection, high efficient, energy conservation and safety of LCM salt-bath vulcanization system for rubber profiles.

The characteristics of LCM Technology:

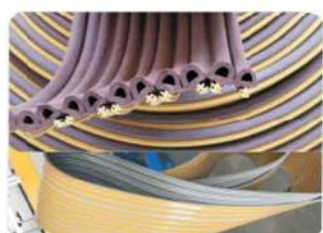
Compared with other rubber vulcanization technologies, such as microwave vulcanization (UHF), the characteristics of LCM system are outstanding. It is mainly manifested in its excellent processing quality, high vulcanization speed and wide practicability.

1. With excellent heat transfer performance due to curing bath. Vulcanization of rubber profiles is complete and uniform throughout the section.
2. During vulcanization, the rubber profile with high density salt bath is subjected to uniform pressure, and the vulcanization deformation is very small.
3. Salt bath inhibited the formation of low supplied zone on the surface of rubber, and the rubber treated by LCM had good mechanical properties.
4. Salt bath vulcanized rubber surface micro porous and smooth, beautiful appearance.
5. Has no effect on vulcanization of reinforcing materials inside rubber profiles.

Compared with other vulcanization technologies, the following characteristics of LCM technology directly or indirectly reduce the production cost of rubber profiles.

6. Formulations containing polar materials and no-polar materials are suitable.
7. Suitable for oxidizing and aging rubber
8. Vulcanization, peroxide vulcanization and resin vulcanization can be used.
9. If peroxide is vulcanized, nitrite can be avoided.
10. Suitable for color rubber products with low scrap rate
11. Easy to operate
12. No need to add special compound additives to rubber such as UHF technology.
13. Can simplify and thinner the cross section design of rubber profiles.
14. At the same curing speed, the LCM system has shorted length
15. Energy consumption is less
16. The main wastes are solid impurities. Because the rubber is completely inserted into the salt bath species, it produces less pungent odor.

BAINA is the first rubber extrusion equipment manufacturer to launch new LCM vulcanization system in China. The system includes supplied salt, production technology and equipment operating system, which solves the problem of recovery and recycling and recycling of supplied salts, and fundamentally eliminates the pollution of the environment.



Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!