

Double Glazing Production Line.

1. Bar bendable Machine.



This machine is used for bending Aluminum spacer bar. Only we have such a machine in Sri Lanka. This machine is equipped with four storage areas and can store four different sizes of aluminum bars. This machine can transmit the aluminum bar automatically. When bending and cutting, the machine can produce 32 different shapes of aluminum bars, which will avoid the connection part of the aluminum bar and the corner parts automatically. After bending, the machine will cut the bar automatically.

2. Butyl extruder machine.



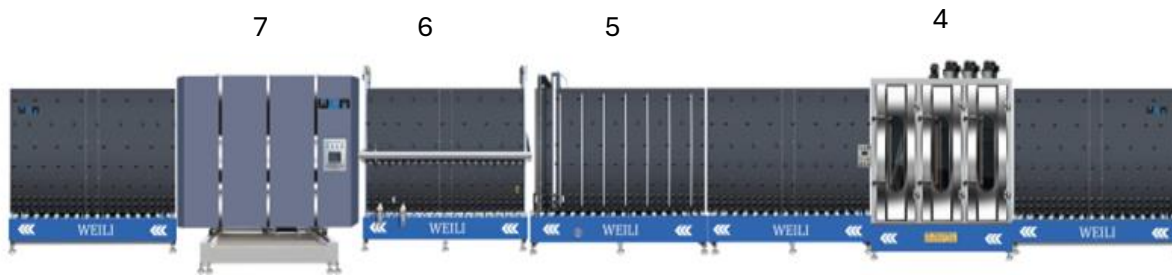
This machine is used to apply Butyl gum (a kind of silicon) which is used to stick the glass to the aluminum spacer bar. From this machine, butyl can be produced in several thicknesses; it is a great help for different sizes of aluminum bars. Being very efficient, a large number of frames of different sizes can be produced at once.

3. Desiccant filling Machine.



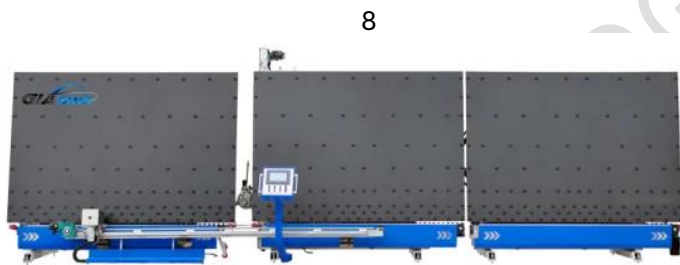
This machine is used for filling desiccant into aluminum spacer bars. From this, it can fill bending aluminum frames and ordinary corner-connected ones. Filling height can be adjusted according to the aluminum size. Desiccant is the most important part for absorbing moisture in a glass panel. Drilling, filling, and sealing with silicon; this whole process is automated.

Using finest quality 3A molecular sieve



After the above processes are completed, the glass is washing in 04th stage. In this part using brushes with very fine bristles are used for this purpose and are designed to avoid scratching the glass. Drying after washing also takes place in this system.

In the 05th stage, the washed glass can be inspected. It is equipped with a very good lighting system for this purpose. In the 06th stage both glasses will fix together. In 07th stage both glasses are tightly glued



This is our unique system, from this automatically can apply final silicon for DGU unit. in these cases we use world finest quality "A & B" part silicon.

can make - Double glazing, Triple glazing

Including - Low e coating indicators with Inside pressing and outside pressing also.

Glass size – 3050 x 2140 mm maximum