

Automated Production Line

Clickalign started the R&D of automated production line in 2017, which now has been upgraded to Version 2 – AlphaAutomate. By the end of 2021, four fully automated production lines had been built and operated.

Each aligner will go through strict disinfection process before leaving the factory and has their own traceable source code to ensure the traceability of quality and safety. While the production quality is guaranteed, the production efficiency of AlphaAutomate has also been increased by three times compared to manual mode – the manufacturing lead–time can be reduced to as short as 3 working days.

Production Processes



Advantages of AlphaAutomate















Pinpoint accuracy

AlphaAutomate integrates a number of world-class cutting-edge equipment including Swiss Staubli robot arms, Japanese Yaskawa robots, etc.

The cutting accuracy can be controlled within 0.035mm.

Based on big data analysis and directional development of the tooth characteristics of 100,000+ cases, which have been iterated several times, the automated productivity of AlphaAutomate can reach to more than 98%.

AlphaAutomate can provide automated production solutions for 50+ types of gums.







f Clickalign



O Clickalign



Clickalign



in Clickalign