smile nova



LOVE &SMILE

Automated Production Line

SmileyNova started the R&D of automated production line in 2017, which now has been upgraded to Version 3 - AutoNova. AutoNova is the unique production line that integrates all software and hardware together for aligner manufacture, efficiently integrating the hardware and software involved in clear aligner production, offering exceptional flexibility in production capacity.

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 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 AutoNova

In-depth exploration

Great convenience

Exclusive customization

Cutting-edge technology

Guaranteed security

Pinpoint accuracy

AutoNova integrates a number of world-class cutting-edge equipment including 3D printers, thermoforming machines, cutting & trimming equipment, laser markers, packaging machines, and polishers,

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 AutoNova can reach to more than 98%.



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