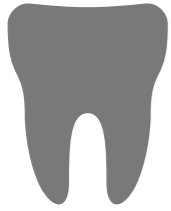


3 DIGITAL

Patient Visit



Vacuum Formed Aligners

Initial Consultation

Intra-oral scan or dental impression scanned to make a digital record

Digital record sent electronically for treatment plan

Initial Consultation

Intra-oral scan or dental impression scanned to make a digital record

Digital record sent electronically for treatment

Digital Plan

Create virtual treatment plan

JR-19 Resin
eliminates these steps

Create virtual treatment plan

Create 3D printed model of each step of the plan (30 to 40 models per case, 40,000 models per

Models are trimmed and put into assembly line for vacuum forming

Create vacuum formed aligner

Dispose of un-recyclable models after vacuum forming aligner (~40,000 per day)

Vacuum formed aligners are trimmed by machine

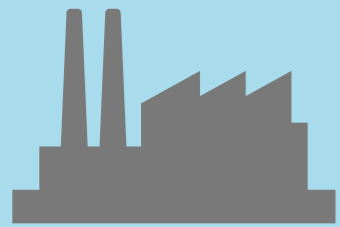
Aligners are off loaded on to cleaning machines via robotic arms

Trimmed aligners are sent for de-burring and smoothing

Sonic bath and post processing

Eliminating these steps for current vacuum formed aligners, saves 40% to 60% of manufacturing costs

Manufacture



Current Manufacturing Process

Post Processing



Shipping



Packaging & Delivery

Packaging & Delivery