

**ALLSTAR.** REVOLUTIONIZE YOUR  
IN-HOUSE ALIGNER PRODUCTION.



**SCHEU**



DENTAL  
MANUFACTURING  
UNIT

## ALL-IN.

### WORLD'S FIRST FULLY AUTOMATED IN-HOUSE ALIGNER PRODUCTION.

Experience the future of aligner production in your laboratory or practice with the ALLSTAR. As the world's first fully automatic machine, the ALLSTAR enables you to integrate the entire value chain of aligner and retainer production directly on site. This innovative solution offers you maximum independence, full control and efficiency combined with profitable value creation - all without the need for additional staff or extensive training.

The ALLSTAR is the essence of the strategic partnership with Dental Manufacturing Unit and combines the highest engineering skills in mechanical engineering with SCHEU-DENTAL's almost 100 years of expertise in the field of orthodontic applications



## KEY-BENEFITS.

### THE KEYS TO SUCCESS.

The ALLSTAR is your compact in-house solution for efficient, autonomous and high-quality aligner production that leaves nothing to be desired.

#### **Maximum independence:**

- + Round-the-clock aligner production without personnel dependencies.
- + Fully automatic and directly in your practice.

#### **Profitable added value:**

- + Secure additional revenue instead of leaving it to external production service providers.
- + Create new capacities without additional labour costs.

#### **Precise results:**

- + The combination of 3D printing, thermoforming and laser cutting produces aligners with a perfect fit.
- + With consistently high quality, 96 aligners or retainers can be produced in 24 hours without further post-processing.

#### **Full control:**

- + Fast production means that you can react to the course of treatment according to the situation and patient.
- + Optimizes the practice workflow and at the same time reduces material consumption.

## FACTS.

### TECHNICAL SPECIFICATIONS AND OPERATION.

The ALLSTAR features a compact, innovative design that seamlessly integrates into any workspace. With standard 230V power and internet connectivity, you can begin aligner production at the touch of a button. Its intuitive interface and fully automated production process ensure exceptional ease of use, making ALLSTAR a highly user-friendly solution.

#### Dimensions & weight:

180 cm (H) x 120 cm (W) x 60 cm (D), 400 kg

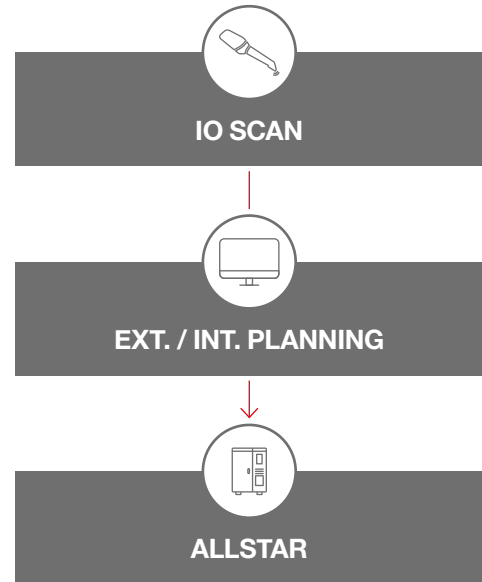
#### Dimensions with open doors:

Front (main door): Requires an additional 80 cm, totaling 140 cm (60 cm + 80 cm).

Sides (left and right doors): Each side requires an additional 50 cm, totaling 220 cm (120 cm + 50 cm + 50 cm).

## PROCESS.

### MAXIMUM INNOVATIVE AND EFFECTIV.



## PERFECT FIT.

### ALLSTAR & UNIQ.

With UNIQ, SCHEU-DENTAL is redefining standards in aligner production. This advanced foil is ideal for all aligner treatments and serves as the perfect complement to the ALLSTAR system.

UNIQ's innovative material gently and effectively moves teeth while providing enhanced comfort for the patient. Thanks to its improved properties, UNIQ exerts less pressure over a longer period compared to conventional single-layer aligner materials, ensuring a more gradual and comfortable treatment process.

The ALLSTAR production system is precisely tailored to work with UNIQ foil, guaranteeing a perfect fit and consistent force application at every stage. Together, ALLSTAR and UNIQ enable an efficient, resource-saving production process—an essential advantage for environmentally conscious laboratories and dental practices.



## COOPERATION.

### DMU & SCHEU-DENTAL.

A groundbreaking partnership between SCHEU-DENTAL and the Dental Manufacturing Unit (DMU) has led to the creation of ALLSTAR - an innovative solution that merges technological expertise with orthodontic precision. This fully automated system streamlines the production of aligners and retainers, ensuring efficiency and superior quality. ALLSTAR sets a new benchmark in orthodontics by offering maximum independence, increased profitability, precise results, and complete control.



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