

# Production Status

August 5<sup>th</sup>, 2020

RIKEN/RBRC

Itaru Nakagawa

# Facility at Asuka co.





ASUKA Co., Ltd.

産業機械部品  
半導体製造装置部品  
新素材部品  
微細加工部品

ISO9001・JSQ14001認証取得

株式会社 アスカ

HOME

会社案内

製品情報

求人情報

地図

お問い合わせ

### 新着情報

- ☆2020年6月 [アスカのコロナ対応を追加しました。](#)
- ☆2020年1月 [消費者志向宣言を追加しました。](#)
- ☆2019年3月 第二工場に新CFRP工場が落成しました。
- ☆2018年9月 本社工場に横型MC MA600-HIIを導入しました。



*Industrial  
MachineParts  
Production*

難問に奇抜な発想と技術の二刀流で挑みます

こんなときアスカが貴社のお役に立てます

自社の工場の高稼働率が続いているが、設備や人を増やしたくない

# Asuka co.

- Small and medium-sized company
- Established in 1977
- 59 employees
- Capital JPY70M



# Factories



Main Factory

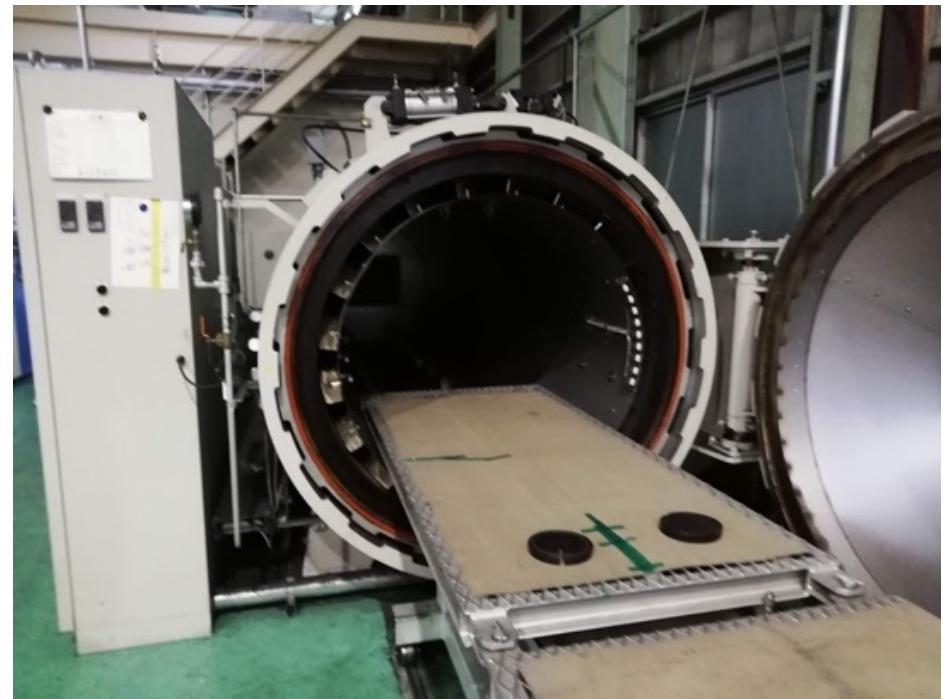


Annex

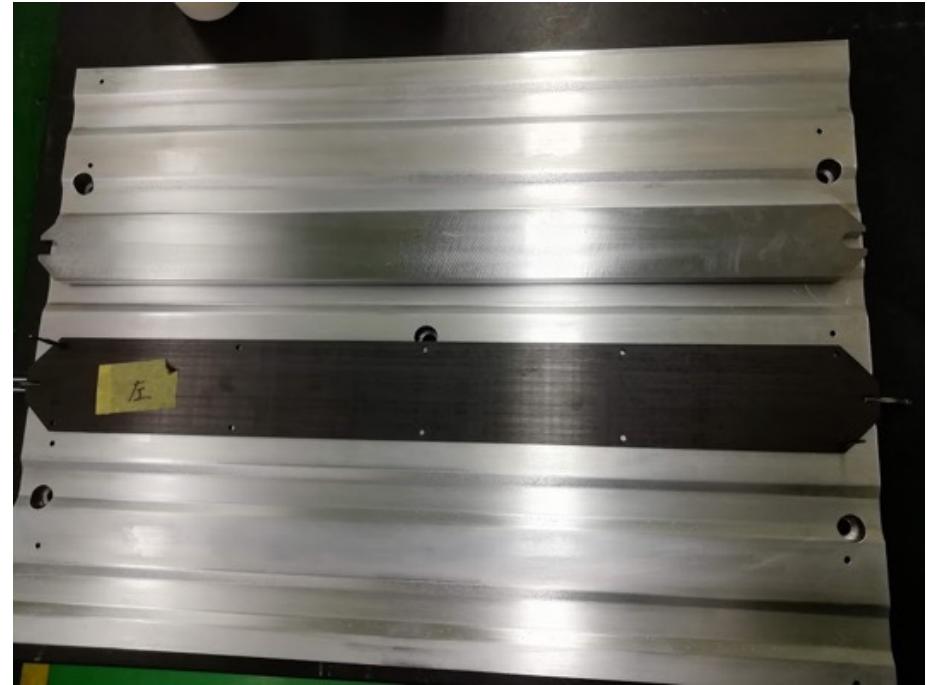
# Autoclave Oven

Manufacture: ASHIDA

$\phi$  1200 - 4500L

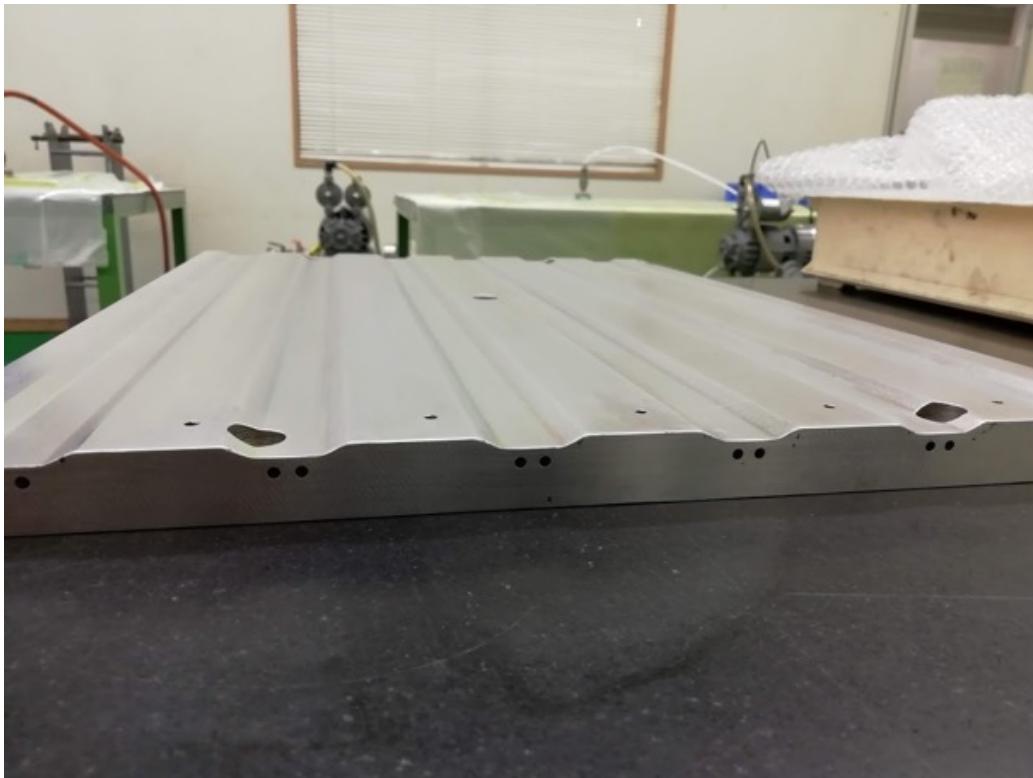


# Stave Assembly Fixture



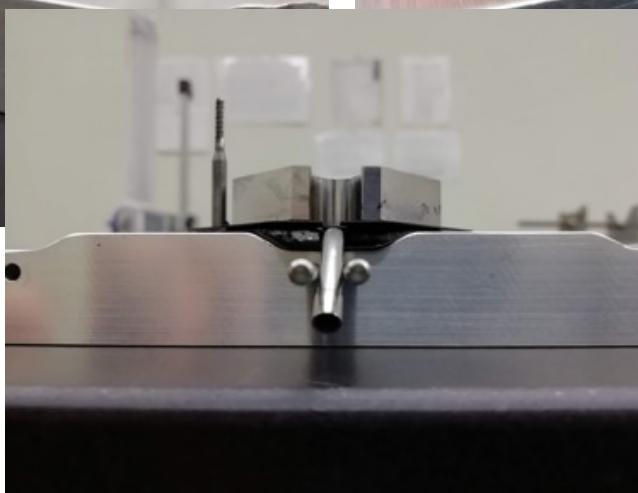
5 Slots per fixture

# Stave Assembly Fixture



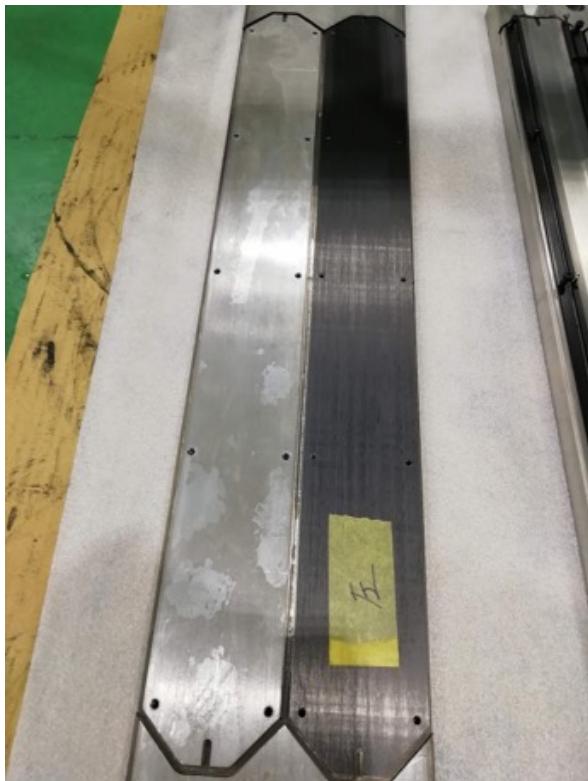
Stainless weights

# Assembly with stainless wait and alignment pins

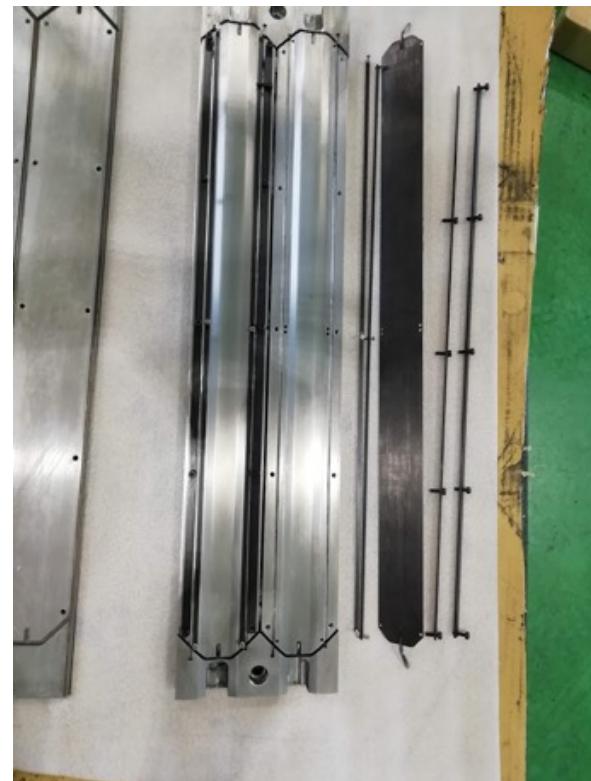
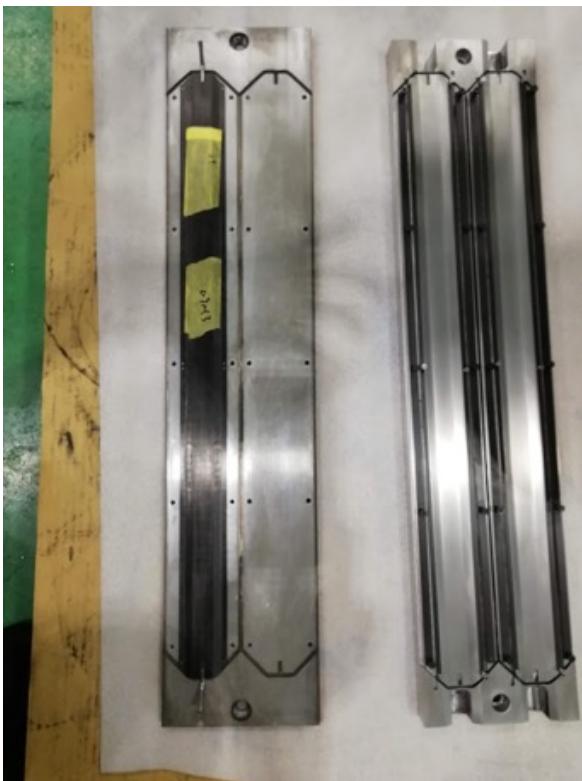


Established satisfactory alignments and flatness, and uniformity of the glue between CFRP plates.

# Cutting



# Cutting



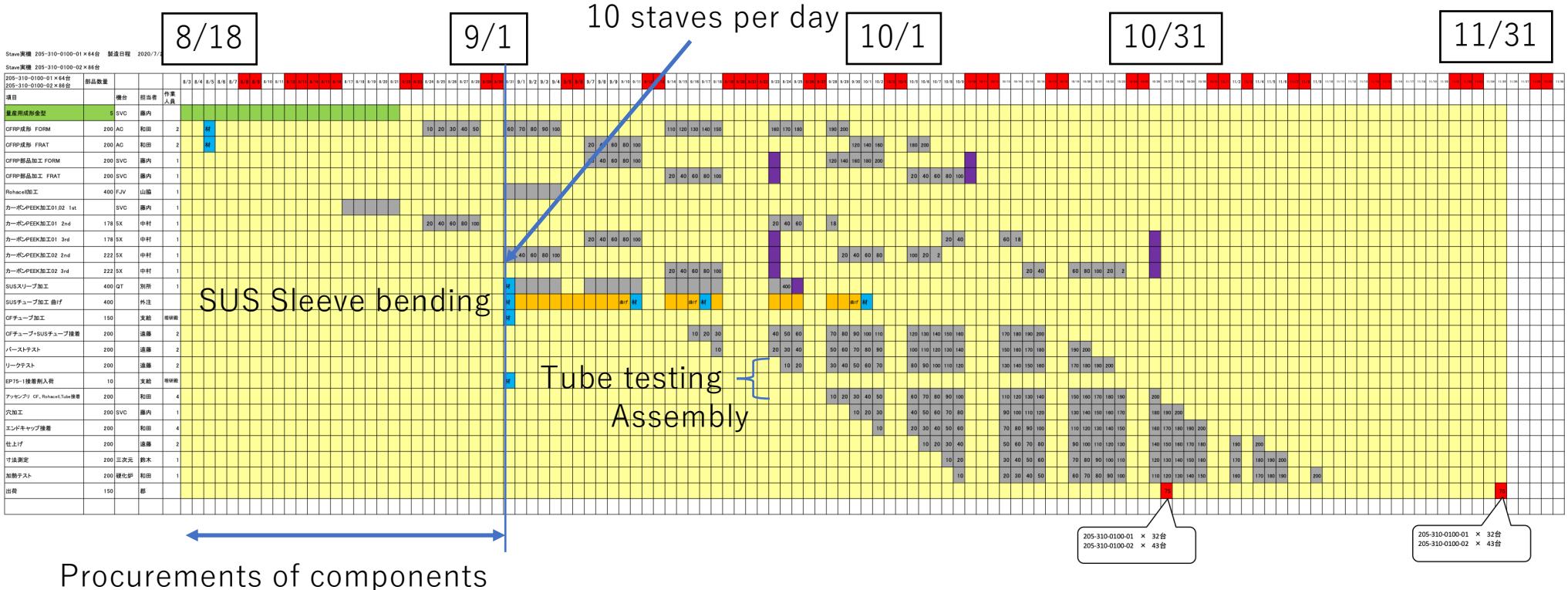
# Heat Cycle

Stave production requires 0 ~ 40 °C heat cycle for once



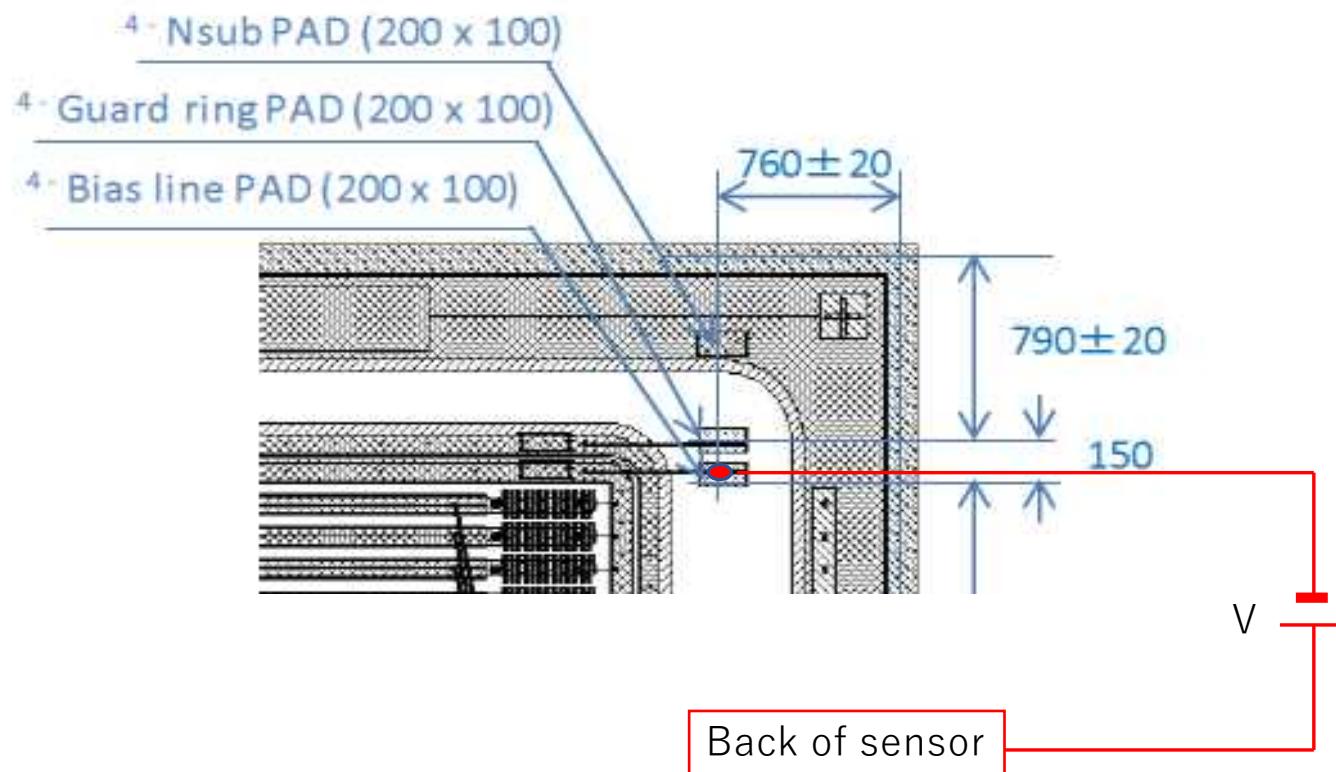
Heat cycle chamber

# Stave Production Schedule



A good news is that their plan is to manufacture for 150 staves in sequences. Not 75 staves until end of Oct. This way they may be able to deliver 2<sup>nd</sup> 75 staves in 1 month after 1<sup>st</sup> 75 delivery.

# Hamamatsu's IV Measurement



A feedback from Hamamatsu.  
They measure drawing current  
as a function of the voltage  
between the back of the sensor  
and bias line pad as figure show.