# Almight® Aluminum Plating Tool

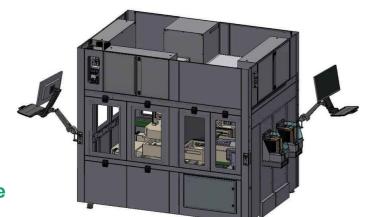


# Almight® - fully automated equipment for dry in / dry out wafer plating

#### NBT is a **Pioneer**

in aluminum plating from ionic liquids with automated electroplating tool for semiconductor applications

NBT is a *System Provider* equipment electrolyte process service



### **Highlights:**

- > Almight® automated plating tool
  - up to 200 mm wafer format (300 mm planned)
- > NB loLiPlate® Al electrolyte family
  - based on EMIM CI:AICI3
  - various bath additive systems available
  - analysis of all bath components established
- > Process expertise for customer specific application
- User-friendly methods and bath maintenance

#### Background:

- Process requires dry, inert atmosphere (in order to prevent degradation and HCl formation)
- 10+ years R&D in aluminum plating from ionic liquids
- Network with partners from industry and R&D (such as Fraunhofer ENAS)



## 2026 Outlook:

- Almight® One pilot system running (and open for demo inquiry)
- Introduction of compact semi-automatic lab system (~60cm × 180 cm) for R&D and scale-up

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