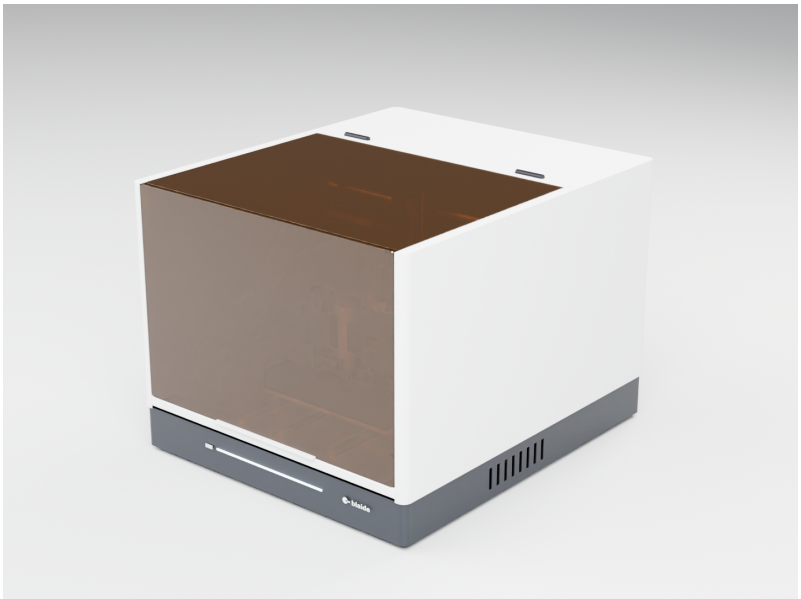
Education pack: Specification

EDU-5 | Blaide product line | 17 November 2026 | Design only: nothing built or tested



Requirements

- A class of 30 gets every board made in a double lesson
- Teacher needs no electronics-manufacturing background
- Meets school rules for lasers and hot surfaces

Specification

Parameter	Target
Printers	5
Class size	30
Consumables per term	10 silver, 5 paste, 5 mask cartridges; 100 blanks
Spares	one tool of each kind
Lessons	8, each built on a board in the design package
Queue result	30 jobs of 16 to 41 minutes finish in 181.0 minutes (best possible 180)

Design summary

- Five printers; jobs queued longest first onto the printer that frees up soonest
- Eight lessons, each with a board that already exists in this package: first printed trace, the blinker, mask coupon, via coupon, probe coupon, NFC tag, a two-sided board, free project
- Lid interlock means no exposed laser or spindle; bed-hot shown on the light line

All figures are design targets, calculations or planning values.