# Pro machine: Design Verification Report

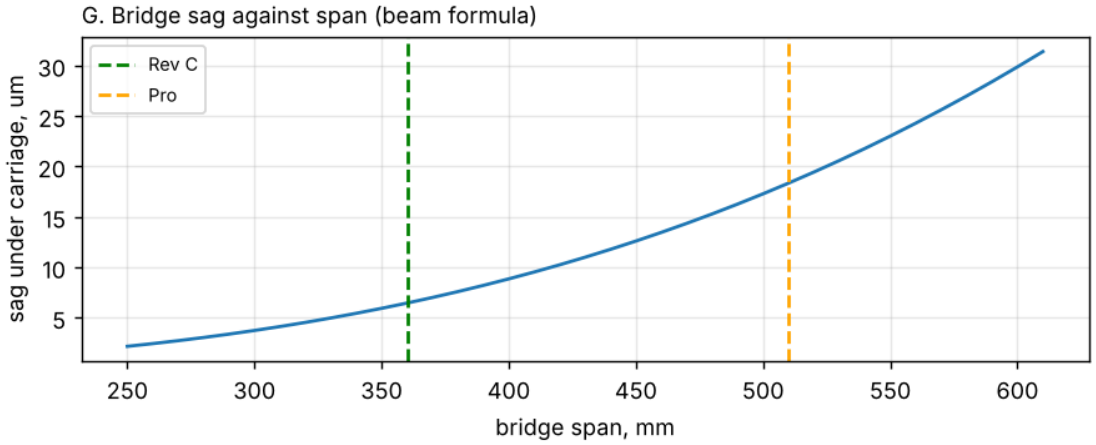
S1-PRO | Blaide product line | 17 November 2026 | Design only: nothing built or tested

What has been checked without hardware, by calculation, simulation or software test.

## Results

- Variant model builds with 161 parts and renders
- Sag calculation

| Quantity | Printer | Pro |
|---|---|---|
| Bridge sag, um | 6.5 | 18.3 |
| Bed, mm | 180 x 140 | 330 x 230 |
| Full-bed heater, W | 200 | 602 |
| Mass, kg | 16.1 | 30.8 |




The variant model builds with 161 parts. Its tool dock, front light line and lid lip are not yet rescaled.

## Not verified

Everything in the test plan (document 04) needs hardware.