

Stratasys J8 Series 3D Printers

J826™, J835™ and J850™



How is the J8 Series different?

Speed and Productivity

- Seven material capacity helps print models faster with no downtime — virtually no material changeovers necessary.
- Featuring Super High Speed Mode¹ for printing concept models two times faster than ever before.

Print Quality

- Great resolution in any print mode: endless combinations of color, transparency, flexibility and mimic textures such as leather, wood, etc.
- Physical prototypes that realistically portray the look and feel of your design.
- Fine feature detail (resolution down to 14 µm layers).

Reduced Time-To-Market

- Faster innovation by producing a wide range of model types with a streamlined workflow in GrabCAD Print™.
- A single printer provides an end-to-end solution across the entire design process.
- Print complete assemblies and create precise models swiftly in order to meet tight deadlines.

Material Package	Dual material bays for hot-swap 4.0 kg cartridges
Build Size	J850: 490 x 390 x 200 mm (19.3 x 15.4 x 7.9 in) J835: 350 x 350 x 200 mm (13.8 x 13.8 x 7.9 in) J826: 255 x 252 x 200 mm (10 x 9.9 x 7.9 in.)
Speed/Slice Height Options	High Quality (HQ) – 7 different materials at 14 µm layers High Mix (HM) – 7 materials at 27 µm High Speed (HS) – 3 materials at 27 µm, 2x speed Super High Speed (SHS) ¹ – 1 material at 54 µm, 4x speed
System Size and Weight	J850/J835 System: 140 x 126 x 110 cm (55.1x 49.6 x 43.3 in) 430 Kg (948 lbs) J826 System: 82 x 131 x 66 cm (32 x 52 x 26 in) 234 kg (516 lbs) J850/J835/J826 Material Cabinet: 66 x 112 x 64 cm (26 x 44 x 25 in) 153 kg (337 lbs)
Software	GrabCAD Print
Power Requirements	100 – 120 VAC, 50 – 60 Hz, 13.5 A, 1 phase 220 – 240 VAC, 50 – 60 Hz, 7 A, 1 phase

Common Industries

- Consumer goods
- Consumer electronics
- Automotive
- Medical
- Education

User Applications

- Realistic color models
- Detailed prototypes
- Concept designs

¹ Super High Speed printing mode available on the J835 and J850 only.

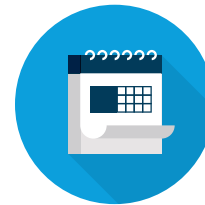
² Data based on standard quote for a car key model from service bureau using a combination of CNC and screen printing

Stratasys J8 Series vs. Traditional Design Processes:

- Reduce designer's modeling time by 50%

Stratasys J8 Series printers vs. Modeling Service Bureau:

Time Savings



Modeling Service Bureau:

9 days

J8 Series printers:

4 hours

Cost



85%
cost savings

Versus average modeling service bureau.²



In terms of 3D printing transparent parts, I have not seen a comparable technology that meets our standards.”

Dr. Tim Spiering
Audi Plastic 3D Printing Center

