

J55/J8 Series vs. Legacy Systems

Models	J55™	J826™	J835™	J850™	J735™	J750™	Connex1™	Connex3™	Objet260™	Eden 260VS™	Objet30 Pro™/Prime™
Printer											
Printer Cost	\$	\$\$	\$\$\$	\$\$\$\$	\$\$\$	\$\$\$	\$	\$\$	\$\$\$	\$\$	\$
Machine Footprint	651 x 661 x 1,511mm (228 kg)	820 x 1,310 x 665 mm (234 kg)	1,400 x 1,260 x 1,100 mm (430 kg)	1,400 x 1,260 x 1,100 mm (430 kg)	1,400 x 1,260 x 1,100 mm (430 kg)	1,400 x 1,260 x 1,100 mm (430 kg)	Objet260 Connex1: 870 x 1,200 x 735 mm (264 kg) Objet350/500 Connex1: 1,400 x 1,260 x 1,100 mm (430 kg)	Objet260 Connex3: 87 x 120 x 73.5 cm (264 kg) Objet350/500 Connex3: 1,400 x 1,260 x 1,100 mm (430 kg)	87 x 120 x 73.5 cm (264 kg)	870 x 1,200 x 735 mm (254 kg)	826 x 600 x 620 mm (106 kg)
Build Size	140 x 200 x 190 mm or Area of 1,174cm ²	255 x 252 x 200 mm	350 x 350 x 200 mm	350 x 350 x 200 mm	350 x 350 x 200 mm	490 x 390 x 200 mm	Objet260 Connex1: 255 x 252 x 200 mm Objet350 Connex1: 340 x 340 x 200 mm Objet500 Connex1: 490 x 390 x 200 mm	Objet260 Connex3: 255 x 252 x 200 mm Objet350 Connex3: 340 x 340 x 200 mm Objet500 Connex3: 490 x 390 x 200 mm	255 x 252 x 200 mm	255 x 252 x 200 mm	294 x 192 x 148.6 mm
Speed	High Quality Speed	High Quality, High Speed	High Quality, High Mix, High Speed, Super High Speed	High Quality, High Mix, High Speed, Super High Speed	High Quality, High Mix, High Speed	High Quality, High Mix, High Speed	High Quality, High Speed	High Quality, High Speed	High Quality, High Speed	High Quality, High Speed	High Quality, High Speed
Material Bays	12	16	16	16	16	16	8	8	4	4	4
Materials											
Rigid Material Cost per kg ¹	\$364	\$333	\$333	\$333	\$309	\$309	\$309	\$309	\$309	\$309	\$243
Material Cartridge Size	1.1 kg	4 kg	4 kg	4 kg	3.6 kg	3.6 kg	3.6 kg	3.6 kg	3.6 kg	3.6 kg	1 kg
Simultaneously Jetted Materials	5	7	7	7	6	6	3	3	2	1	1
Flexible Material	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Transparent Material	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Part Load	USB or Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet
Software											
Print Software	GrabCAD Print™	GrabCAD Print	GrabCAD Print	GrabCAD Print	GrabCAD Print	GrabCAD Print	Objet Studio™	Objet Studio or GrabCAD Print	Objet Studio or GrabCAD Print	Objet Studio	Objet Studio
Voxel Print	Y	Y	Y	Y	Y	Y	N	N	N	N	N

¹All Vero materials.

²Measured when ambient temperature is 23 °C and relative humidity is 50%.

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Models	J55	J826	J835	J850	J735	J750	Connex1	Connex3	Objet260	Eden 260VS	Objet30 Pro/Prime
Layer Resolution											
14-micron (0.00055 in.)		X	X	X	X	X					
16-micron (0.0006 in.)							X	X ¹	X	X	X ²
18-micron (0.0007 in.)	X										X
27-micron (0.001 in.)		X	X	X	X	X					
30-micron (0.001 in.)							X	X	X		
55-micron (0.002 in.)		X	X	X							
Materials											
DraftGrey™	X	X	X	X							
Vero BlackPlus™	X	X	X	X	X	X	X	X	X	X	X
Vero PureWhite™	X	X	X	X	X	X	X	X			
Vero CMY		X	X	X	X	X		X			
VeroVivid™ CMY	X	X	X	X	X	X		X ¹			
VeroFlex™					X	X					
VeroFlexVivid™					X	X					
VeroUltraClear		X	X	X	X	X					
VeroClear™	X	X	X	X	X	X	X	X	X	X	X
Digital ABS Plus™		X	X	X	X	X		X			
Agilus30™ Family		X	X	X	X	X	X ³	X ³			
Supports											
SUP705™		X	X	X	X	X	X	X	X	X	X
SUP710™	X										
SUP706B™		X	X	X	X	X	X	X	X		X
Colors											
Colors	~ 500,000	Over 500,000	Over 500,000	Over 500,000	Over 360,000	Over 360,000	1	Over 10,000	1	1	1
PANTONE Validated™	Y ⁴	Y ⁴	Y	Y	Y	Y	N	N	N	N	N

¹VeroVivid M and Y are available on Connex3. VeroVivid Cyan is not available on Connex3.

²For VeroClear material.

³Agilus30 Black and Transparent are available on both Connex 1 and Connex 3, Agilus30 White is not available on Connex 1 and Connex 3.

⁴PANTONE Validation in progress for J55 and J826.

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