

# J55/J8 Series vs. Legacy Systems<sup>1</sup>

Models	J55™	J826™	J835™	J850™	J735™	J750™	Connex1™	Connex3™	Objet260™	Eden 260VS™	Objet30 Pro™/Prime™
<b>Printer</b>											
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 <sup>3</sup>	255 x 252 x 200 mm	350 x 350 x 200 mm	490 x 390 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
<b>Materials</b>											
Rigid Material Cost per kg <sup>2</sup>	\$364	\$300	\$300	\$300	\$309	\$309	\$309	\$309	\$309	\$309	\$243
Draft Material Cost per kg	\$155	\$130	\$130	\$130	N/A	N/A	N/A	N/A	N/A	N/A	\$165 <sup>4</sup>
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
<b>Software</b>											
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 or GrabCAD Print <sup>5</sup>
Voxel Print	Y	Y	Y	Y	Y	Y	N	N	N	N	N

<sup>1</sup> US pricing for end user.

<sup>2</sup> All Vero materials except for DraftGrey™.

<sup>3</sup> Measured when ambient temperature is 23 °C and relative humidity is 50%.

<sup>4</sup> On GrabCAD Print supported models.

<sup>5</sup> GrabCAD Print available only on V5 systems.



# J55/J8 Series vs. Legacy Systems

Models	J55	J826	J835	J850	J735	J750	Connex1	Connex3	Objet260	Eden 260VS	Objet30 Pro/Prime
<b>Layer Resolution</b>											
14 microns (0.00055 in.)		X	X	X	X	X					
16 microns (0.0006 in.)							X	X <sup>1</sup>	X	X	X <sup>2</sup>
18 microns (0.0007 in.)	X										
27 microns (0.0011 in.)		X	X	X	X	X					
28 microns (0.0011 in.)											X
30 microns (0.0012 in.)							X	X	X		
36 microns (0.0014 in.)											X <sup>5</sup>
55 microns (0.0022 in.)		X	X	X							
<b>Materials</b>											
DraftGrey™	X	X	X	X							X <sup>6</sup>
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 <sup>1</sup>			
VeroFlex™					X	X					
VeroFlexVivid™					X	X					
VeroUltraClear	X	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 <sup>3</sup>	X <sup>3</sup>			
<b>Supports</b>											
SUP705™		X	X	X	X	X	X	X	X	X	X
SUP710™	X										
SUP706B™		X	X	X	X	X	X	X	X		X
<b>Colors</b>											
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 <sup>4</sup>	Y <sup>4</sup>	Y	Y	Y	Y	N	N	N	N	N

<sup>1</sup> VeroVivid M and Y are available on Connex3. VeroVivid Cyan is not available on Connex3.

<sup>2</sup> For VeroClear material.

<sup>3</sup> Agilus30 Black and Transparent are available on both Connex 1 and Connex 3. Agilus30 White is not available on Connex 1 and Connex 3.

<sup>4</sup> PANTONE Validation in progress for J55 and J826.

<sup>5</sup> Objet30 Prime only.

<sup>6</sup> GrabCAD Print-supported models.

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