





























































FATHOM // STRATASYS POLYJET MACHINE CHART

POLYJET 3D PRINTERS	 OBJET24 DESKTOP	 OBJET30 DESKTOP	 OBJET30 PRO DESKTOP	 OBJET30 PRIME DESKTOP	 OBJET EDEN260VS	 OBJET260 CONNEX3	 OBJET350 CONNEX3	 OBJET500 CONNEX3	 STRATASYS J750	 OBJET1000 PLUS
Machine Size (W x D x H)	32.28 x 24.4 x 23.22 in	32.28 x 24.4 x 23.22 in	32.28 x 24.4 x 23.22 in	32.28 x 24.4 x 23.22 in	34.3 x 29 x 47 in	34.3 x 29 x 47 in	52 x 39 x 47 in	55.1 x 49.6 x 43.3 in	55.1 x 49.6 x 43.4 in	110.3 x 70.9 x 70.9 in
Net Build Size (X x Y x Z)	9.21 x 7.58 x 5.85 in	11.57 x 7.58 x 5.85 in	11.57 x 7.55 x 5.85 in	11.57 x 7.55 x 5.85 in	10 x 9.9 x 7.9 in	10 x 9.9 x 7.9 in	13.4 x 13.4 x 7.9 in	19.3 x 15.4 x 7.9 in	19.3 x 15.35 x 7.9 in	39.3 x 31.4 x 19.6 in
Power Requirements	100-120 VAC 60 Hz	100-120 VAC 60 Hz	100-120 VAC 60 Hz	100-120 VAC 60 Hz	100-120 VAC 60 Hz	100-120 VAC 60 Hz	100-120 VAC 60 Hz	100-120 VAC 60 Hz	100-120 VAC 60 Hz	230 VAC 50/60 Hz
Resolution / DPI	600 x 600 x 900 dpi	600 x 600 x 900 dpi	600 x 600 x 900 dpi	600 x 600 x 1600 dpi	600 x 600 x 1600 dpi	600 x 600 x 1600 dpi	600 x 600 x 1600 dpi	600 x 600 x 1600 dpi	600 x 600 x 1800 dpi	300 x 300 x 1600 dpi
Tray Size (X x Y x Z)	9.25 x 7.87 x 5.9 in 240 x 200 x 150 mm	11.81 x 7.87 x 5.9 in 300 x 200 x 150 mm	11.81 x 7.87 x 5.9 in 300 x 200 x 150 mm	11.81 x 7.87 x 5.9 in 300 x 200 x 150 mm	10.2 x 10.2 x 7.9 in 260 x 260 x 200 mm	10.2 x 10.2 x 7.9 in 260 x 260 x 200 mm	13.8 x 13.8 x 7.9 in 350 x 350 x 200 mm	19.7 x 15.7 x 7.9 in 500 x 400 x 200 mm	19.3 x 15.35 x 7.9 in 490 x 390 x 200 mm	39.3 x 31.4 x 19.6 in 1000 x 800 x 500 mm
Minimum Micron Layer Thickness	28	28	28	16	16	16	16	16	14	16
Print Mode - High Quality			16 μ / 0.0006 in ****	16 μ / 0.0006 in	16 μ / 0.0006 in	16 μ / 0.0006 in	16 μ / 0.0006 in	16 μ / 0.0006 in	14 μ / 0.00055 in	16 μ / 0.0006 in
Print Mode - High Speed	28 μ / 0.0011 in	28 μ / 0.0011 in	28 μ / 0.0011 in	28 μ / 0.0011 in	30 μ / 0.0012 in	30 μ / 0.0012 in	30 μ / 0.0012 in	30 μ / 0.0012 in	27 μ / 0.001 in	34 μ / 0.001 in
Print Mode - Draft				36 μ / 0.0014 in						
Print Mode - Digital Material						30 μ / 0.0012 in	30 μ / 0.0012 in	30 μ / 0.0012 in	27 μ / 0.001 in	34 μ / 0.001 in
Print Mode - High Mix									27 μ / 0.001 in	
Platform Tolerance	.004 in / .1 mm **	.004 in / .1 mm **	.004 in / .1 mm **	.004 in / .1 mm **	20-85 micron** 20-200 micron***	20-85 micron** 20-200 micron***	20-85 micron** 20-200 micron***	20-85 micron** 20-200 micron***	20-85 micron** 20-200 micron***	20-85 micron** 20-200 micron***
Total Print Heads	2	2	2	2	8	8	8	8	4	8
# of Cartridge Bays	4	4	4	4	4	8	8	8	16	6
Build / Support	2 2	2 2	2 2	2 2	2 2	6 2	6 2	6 2	12 4	4 2
Support Material	Wash Away	Wash Away	Wash Away	Wash Away	Wash Away / Soluble*	Wash Away / Soluble	Wash Away / Soluble	Wash Away / Soluble	Wash Away / Soluble	Wash Away
Cartridge Capacity	1 kg	1 kg	1 kg	1 kg	3.6 kg	3.6 kg	3.6 kg	3.6 kg	3.6 kg	18 kg
Material Offering	1	5	8	12	14	>1,000	>1,000	>1,000	>360,000	14
MODEL MATERIALS										
Rigid Opaque: Vero Family	VeroWhitePlus	✓	✓	✓	✓	✓	✓	✓	✓	✓
Rigid Opaque: Vero Color Family						✓	✓	✓	✓	
Rubber: Tango Family				TangoBlackPlus & Tango Gray	✓	✓	✓	✓	✓	✓
Transparent: RGD720 & VeroClear			VeroClear	✓	✓	✓	✓	✓	✓	Vero Clear
Simulated Polypropylene: Rigur & Durus		Durus	✓	✓	✓	✓	✓	✓	✓	Rigur
Bio-Compatible				✓	✓	✓	✓	✓	✓	
High Temperature			✓	✓	✓	✓	✓	✓	✓	
Digital ABS					✓	✓	✓	✓	✓	
CONNEX FEATURES										
Base Materials						3	3	3	6	2
Base Material Mixed Tray						3	3	3	6	2
Base Material Mixed Part						3	3	3	6	2
(2) Digital Materials						✓	✓	✓	✓	✓
Overmold on Digital ABS						✓	✓	✓	✓	✓
(3) Digital Materials						✓	✓	✓	✓	✓
Color (Base+DMs)						✓	✓	✓	✓	✓

*Soluble Support only for Vero-White, Blue, Gray, Clear.
 **For parts under 50mm—geometry & material dependent.
 *** For parts over 50mm—geometry & material dependent.
 ****Only for VeroClear.

FATHOM // STRATASYS FDM MACHINE CHART







FDM 3D PRINTERS											
		MOJO	uPRINT SE	uPRINT SE PLUS	STRATASYS F170	STRATASYS F270	STRATASYS F370	FORTUS 380mc	FORTUS 450mc	FORTUS 900mc	
PRODUCT SPECIFICATIONS	Machine Size (W x D x H)	25 x 18 x 21 in	25 x 26 x 31 in (1 material bay) 25 x 26 x 37 in (2 material bays)	25 x 26 x 31 in (1 material bay) 25 x 26 x 37 in (2 material bays)	64 x 34 x 28 in	64 x 34 x 28 in	64 x 34 x 28 in	50 x 35.5 x 78.1 in	50 x 35.5 x 78.1 in	109.1 x 66.3 x 79.8 in	
	Machine Weight	60 lbs	168 lbs (1 material bay) 206 lbs (2 material bays)	168 lbs (1 material bay) 206 lbs (2 material bays)	500 lbs	500 lbs	500 lbs	1325 lbs	1325 lbs	6325 lbs	
	Power Requirements	100-120 VAC 60 Hz	100-120 VAC 60 Hz	100-120 VAC 60 Hz	100-132 VAC 60 Hz	100-132 VAC 60 Hz	100-132 VAC 60 Hz	230 VAC, 60 Hz, 3 phase, 18A	208 VAC, 60 Hz, 3 phase, 18A	230 VAC, 60 Hz, 3 phase, 40A	
	Build Size (X x Y x Z)	5 x 5 x 5 in	8 x 6 x 6 in	8 x 8 x 6 in	10 x 10 x 10 in	12 x 10 x 12 in	14 x 10 x 14 in	14 x 12 x 12 in	16 x 14 x 16 in	36 x 24 x 36 in	
	Layer Thickness	0.007 in (0.178 mm)	0.010 in (0.254 mm)	0.010 in (0.254 mm) OR 0.013 in (0.330 mm)	0.013 in (0.330 mm) OR 0.010 in (0.254 mm) OR 0.007 in (0.178 mm) OR 0.005 in (0.127 mm)	0.013 in (0.330 mm) OR 0.010 in (0.254 mm) OR 0.007 in (0.178 mm) OR 0.005 in (0.127 mm)	0.013 in (0.330 mm) OR 0.010 in (0.254 mm) OR 0.007 in (0.178 mm) OR 0.005 in (0.127 mm)	0.013 in (0.330 mm) OR 0.010 in (0.254 mm) OR 0.007 in (0.178 mm) OR 0.005 in (0.127 mm)	0.013 in (0.330 mm) OR 0.010 in (0.254 mm) OR 0.007 in (0.178 mm) OR 0.005 in (0.127 mm)	0.020 in (0.508 mm) OR 0.013 in (0.330 mm) OR 0.010 in (0.254 mm) OR 0.007 in (0.178 mm) OR 0.005 in (0.127 mm)	
	Support Material	Soluble	Soluble	Soluble	Soluble / Breakaway	Soluble / Breakaway	Soluble / Breakaway	Soluble / Breakaway	Soluble / Breakaway	Soluble / Breakaway	Soluble / Breakaway
	# of Cartridge Bays	2	2	2	2	4	4	2	4	4	
	Build / Support	1 1	1 1	1 1	1 1	2 2	2 2	1 1	2 2	2 2	
MATERIAL & COLOR OPTIONS	ABSplus										
	ABSi										
	ABS-M30										
	ABS-M30i										
	ABS-ESD7										
	ASA										
	PC-ABS										
	PC										
	PC-ISO										
	Nylon 12										
	Nylon 12CF										
	ULTEM 9085										
	ULTEM 1010										
PPSF / PPSU											
PLA ⁽¹⁾											
ST-130											

(1) Custom colors available.

(2) Translucent material.

(3) PLA does not utilize soluble support material. The supports are made of breakaway PLA.

FATHOM // STRATASYS FDM LEGACY SYSTEMS (DISCONTINUED*)

FDM 3D PRINTERS		 DIMENSION 1200es*	 DIMENSION ELITE*	 FORTUS 250mc*
PRODUCT SPECIFICATIONS	Machine Size (W x D x H)	33 x 29 x 45 in	27 x 36 x 41 in	33 x 29 x 45 in
	Machine Weight	326 lbs	300 lbs	326 lbs
	Power Requirements	100-120 VAC 60 Hz	100-120 VAC 60 Hz	100-120 VAC 60 Hz
	Build Size (X x Y x Z)	10 x 10 x 12 in	8 x 8 x 12 in	10 x 10 x 12 in
	Layer Thickness	0.010 in (0.254 mm) OR 0.013 in (0.330 mm)	0.007 in (0.178 mm) OR 0.010 in (0.254 mm)	0.013 in (0.330 mm) OR 0.010 in (0.254 mm) OR 0.007 in (0.178 mm)
	Support Material	Soluble / Breakaway	Soluble	Soluble
	# of Cartridge Bays	2	2	2
	Build / Support	1 1	1 1	1 1
MATERIAL & COLOR OPTIONS	ABSplus			 ⁽¹⁾
	ABSi			
	ABS-M30			
	ABS-M30i			
	ABS-ESD7			
	ASA			
	PC-ABS			
	PC			
	PC-ISO			
	Nylon 12			
	Nylon 12CF			
	ULTEM 9085			
	ULTEM 1010			
	PPSF / PPSU			
PLA				
ST-130				

*Pre-owned legacy systems available for purchase.
(1) Custom colors available.