

## Dimension BST printers

(Breakaway Support Technology)

Gama cea mai ieftina de imprimante 3D, ce folosesc tehnologia Stratasys.

Printerele BST incorporeaza aceeasi tehnologie ca si seria SST (Soluble Support Technology), producand modele de aceeasi inalta calitate din ABS si ABS plus. Diferenta este ca la aceasta gama materialul rezidual se indeparteaza manual de pe modelul printat.

Modelele din seria BST sunt echipamente de retea la care se pot obtine obiecte durabile din ABS si ABS plus cu doar un singur click.

Odata modelul printat, dupa scoaterea din imprimanta si curatarea de adaosul rezidual, se poate folosi ca un model functional.

In aceasta clasa avem 2 modele: 768 si 1200es descrise mai jos.



### Date tehnice:

#### Dimension 768 Series

##### Automatic Operation:

Catalyst® EX software automatically imports STL files, orients the part, slices the file, generates support structures (if necessary), and creates a precise deposition path to build your ABS model. Multiple models can be packed within the build envelope to maximize efficiency. Catalyst® EX provides queue management capabilities, build time, material status and system status information. Dimension 3D Printers run unattended and provide system and build status information via e-mail, pager, or the Internet.

##### Network Connectivity:

TCP/IP 100/10 base T

##### Workstation Compatibility:

Windows XP/Windows Vista

##### Build Size:

Maximum size 203 x 203 x 305 mm  
(8 x 8 x 12 inches)

##### Materials:

ABS plastic in standard white, blue, yellow, black, red, green or steel gray colors. Custom colors available.

#### Dimension 1200es Series

##### Automatic Operation:

Catalyst® EX software automatically imports STL files, orients the part, slices the file, generates support structures (if necessary), and creates a precise deposition path to build your ABS*plus* model. Multiple models can be packed within the build envelope to maximize efficiency. Catalyst® EX provides queue management capabilities, build time, material status and system status information. Dimension 3D Printers run unattended and provide system and build status information via e-mail, pager, or the Internet.

##### Network Connectivity:

TCP/IP 100/10 base T

##### Workstation Compatibility:

Windows XP/Windows Vista

##### Build Size:

Maximum size 254 x 254 x 305 mm  
(10 x 10 x 12 inches)

##### Materials:

ABS*plus* plastic in standard natural, blue, fluorescent yellow, black, red, olive green, nectarine, or gray colors.

**Support Structures and Removal:**

Catalyst® EX software automatically creates any needed support structures to complete the part. Two support removal processes are available. With Dimension BST, breakaway support technology allows for easy support removal - simply break away the supports. Dimension SST offers a soluble support removal process for hands-free model completion.

**Material Cartridges:**

One autoload cartridge with 922 cu. cm. (56.3 cu. in.) ABS material.

One autoload cartridge with 922 cu. cm. (56.3 cu. in.) support material.

**Layer Thickness:**

.245 mm (.010 in.) or .33 mm (.013 in.) of precisely deposited ABS and support material.

**Size and Power Requirements:**

**Size:** 686 x 914 x 1041 mm (27 x 36 x 41 in.)

**Weight:** 136 kg (300 lbs.)

**Power Requirements:**

110-120 VAC, 60 Hz, minimum

15A dedicated circuit or 220-240 VAC, 50/60 Hz, minimum 7A dedicated circuit.

**Regulatory Compliance:** CE/ETL

**Special facility requirements:** None

**Support Structures and Removal:**

Catalyst® EX software automatically creates any needed support structures to complete the part. Two support removal processes are available. With Dimension BST, breakaway support technology allows for easy support removal - simply break away the supports. Dimension SST offers a soluble support removal process for hands-free model completion.

**Material Cartridges:**

One autoload cartridge with 922 cu. cm. (56.3 cu. in.) ABS*plus* material.

One autoload cartridge with 922 cu. cm. (56.3 cu. in.) support material.

**Layer Thickness:**

.245 mm (.010 in.) or .33 mm (.013 in.) of precisely deposited ABS and support material.

**Size and Power Requirements:**

**Size:** 838 x 737 x 1143 mm (33 x 29 x 45 in.)

**Weight:** 148 kg (326 lbs.)

**Power Requirements:**

110-120 VAC, 60 Hz, minimum

15A dedicated circuit or 220-240 VAC, 50/60 Hz, minimum 7A dedicated circuit.

**Regulatory Compliance:** CE/ETL

**Special facility requirements:** None

## Dimension SST printers

(Soluble Support Technology)

Get the added convenience of automated support removal starting at €19.150\*.

Gama SST incorporeaza aceeasi tehnologie ca si BST, producand aceeasi calitate a modelului cu ABS ai ABS plus, diferenta constand in faptul ca bavurile se indeparteaza automat.

Modelul este scos din imprimanta si introdus in sectiunea de curatare, care este un agitator cu apa calda si sapun de baie, care indeparteaza toate bavurile automat, facand din SST un sistem "hands-free".

Modelele din seria SST sunt echipamente de retea la care se pot obtine obiecte durabile din ABS si ABS plus cu doar un singur click.

Odata modelul printat, dupa scoaterea din imprimanta si curatarea de adaosul rezidual, se poate folosi ca un model functional.

In aceasta clasa avem 2 modele: 768 si 1200es descrise mai jos.



### Date tehnice:

#### Dimension 768 Series

##### Automatic Operation:

Catalyst® EX software automatically imports STL files, orients the part, slices the file, generates support structures (if necessary), and creates a precise deposition path to build your ABS model. Multiple models can be packed within the build envelope to maximize efficiency. Catalyst® EX provides queue management capabilities, build time, material status and system status information.

Dimension 3D Printers run unattended and provide system and build status information via e-mail, pager, or the Internet.

##### Network Connectivity:

TCP/IP 100/10 base T

##### Workstation Compatibility:

Windows XP/Windows Vista

##### Build Size:

Maximum size 203 x 203 x 305 mm  
(8 x 8 x 12 inches)

##### Materials:

ABS plastic in standard white, blue, yellow, black, red, green or steel gray colors. Custom colors available.

#### Dimension 1200es Series

##### Automatic Operation:

Catalyst® EX software automatically imports STL files, orients the part, slices the file, generates support structures (if necessary), and creates a precise deposition path to build your ABS*plus* model. Multiple models can be packed within the build envelope to maximize efficiency. Catalyst® EX provides queue management capabilities, build time, material status and system status information.

Dimension 3D Printers run unattended and provide system and build status information via e-mail, pager, or the Internet.

##### Network Connectivity:

TCP/IP 100/10 base T

##### Workstation Compatibility:

Windows XP/Windows Vista

##### Build Size:

Maximum size 254 x 254 x 305 mm  
(10 x 10 x 12 inches)

##### Materials:

ABS*plus* plastic in standard natural, blue, fluorescent yellow, black, red, olive green, nectarine, or gray colors.

**Support Structures and Removal:**

Catalyst® EX software automatically creates any needed support structures to complete the part. Two support removal processes are available. With Dimension BST, breakaway support technology allows for easy support removal - simply break away the supports. Dimension SST offers a soluble support removal process for hands-free model completion.

**Material Cartridges:**

One autoload cartridge with 922 cu. cm. (56.3 cu. in.) ABS material.

One autoload cartridge with 922 cu. cm. (56.3 cu. in.) support material.

**Layer Thickness:**

.245 mm (.010 in.) or .33 mm (.013 in.) of precisely deposited ABS and support material.

**Size and Power Requirements:**

**Size:** 686 x 914 x 1041 mm (27 x 36 x 41 in.)

**Weight:** 136 kg (300 lbs.)

**Power Requirements:**

110-120 VAC, 60 Hz, minimum

15A dedicated circuit or 220-240 VAC, 50/60 Hz, minimum 7A dedicated circuit.

**Regulatory Compliance:** CE/ETL

**Special facility requirements:** None

**Support Structures and Removal:**

Catalyst® EX software automatically creates any needed support structures to complete the part. Two support removal processes are available. With Dimension BST, breakaway support technology allows for easy support removal - simply break away the supports. Dimension SST offers a soluble support removal process for hands-free model completion.

**Material Cartridges:**

One autoload cartridge with 922 cu. cm. (56.3 cu. in.) ABS*plus* material.

One autoload cartridge with 922 cu. cm. (56.3 cu. in.) support material.

**Layer Thickness:**

.245 mm (.010 in.) or .33 mm (.013 in.) of precisely deposited ABS and support material.

**Size and Power Requirements:**

**Size:** 838 x 737 x 1143 mm (33 x 29 x 45 in.)

**Weight:** 148 kg (326 lbs.)

**Power Requirements:**

110-120 VAC, 60 Hz, minimum

15A dedicated circuit or 220-240 VAC, 50/60 Hz, minimum 7A dedicated circuit.

**Regulatory Compliance:** CE/ETL

**Special facility requirements:** None

## Dimension Elite Printer

Face parte din gama SST (soluble support technology), avand o calitate superioara a modelului printat. Foloseste ABS plus, care este un material cu aproximativ 40% mai solid decat ABS standard, facandu-l ideal pentru testarea formelor chiar si in ansamble de o calitate superioara. Modelul este scos din imprimanta si introdus in modulul de curatare, care este un agitator cu apa calda si sapun de baie, care indeparteaza toate bavurile automat, facand din SST un sistem "hands-free".



### Date tehnice:

#### Dimension Elite

##### Automatic Operation:

The Dimension Elite Printer is easy to install and operate. Utilizing Catalyst® EX software, the Elite Printer runs unattended and operates quietly. And there are no noxious fumes or toxic materials that require venting and/or special handling. Multiple models can be packed within the build envelope to maximize efficiency.

**Network Connectivity:** TCP/IP 100/10 base T

**Workstation Compatibility:** Windows XP/ Windows Vista

##### Materials:

ABS*plus* plastic in standard natural, blue, fluorescent yellow, black, red, olive green, nectarine, or gray colors.

##### ABSplus Layer Thickness:

.178 mm (.007 in.) or .254 mm (.010 in.) of precisely deposited model and support material

##### Build Size:

203 x 203 x 305 mm

(8 x 8 x 12 in.)

##### Size and Weight:

686 x 914 x 1041 mm (27 x 36 x 41 in.)

136 kg (300 lbs.)

##### Power Requirements:

110-120 VAC, 60 Hz, minimum

15A dedicated circuit or 220-240 VAC

50/60 Hz, minimum 7A dedicated circuit.

##### Regulatory Compliance: CE/ETL

**Special facility requirements:** none