



# Additive Manufacturing Innovation Centre Equipment Showcase

 **MOHAWK**  
**IDEAWORKS**

ADDITIVE MANUFACTURING  
INNOVATION CENTRE

# Trumpf TruPrint 2000

Laser Metal Fusion (LMF)

## Build Volume:

202 x 202 x 200 mm

## Materials:

17-4PH, 316L

M300, H11, H13

AlSi10Mg

Ti64

IN625



# EOS M280

Direct Metal Laser Sinter (DMLS)

## Build Volume:

250 x 250 x 325 mm

## Materials:

GP1 (17-4PH)

MS1

AlSi10Mg

Ti64

IN625



# Desktop Metal Shop System Pro

Metal Binder Jet

## Build Volume:

350 x 220 x 150 mm

## Materials:

17-4 PH Stainless Steel

304L Stainless steel

316L Stainless Steel

CoCrMo

Nickel Alloy IN625

Nickel Alloy IN718



# HP Jet Fusion 580

Plastic Binder Jet

## Build Volume:

332 x 190 x 248 mm

## Materials:

PA12

PA12 - Full Colour



# Mosaic Manufacturing Array

Fused Deposition Modeling (FDM)

## Build Volume:

355 x 355 x 355 mm

## Materials:

PLA, PETG

ABS, ASA

TPU

Nylon, Nylon CF

PEEK, PEKK, PEI



# Formlabs

Selective Laser Sintering

**Fuse 1+ 30W**

165x165x300mm

**Materials:**

Nylon 12

Nylon 11

TPU (90A)

Polypropylene



# Formlabs

Stereolithography (SLA)

## Form 4L

353x196x350mm

## Form 3L

335x200x300mm

## Form 3+

145x145x175mm

## Materials:

45+ Resins, from flexible to high tensile



# Desktop Metal Studio 2/Studio+

Bound Metal Deposition

## Build Volume:

300 x 200 x 200 mm

## Materials:

17-4PH

316L

Copper

Ti64

IN626



# Markforged Mark Two

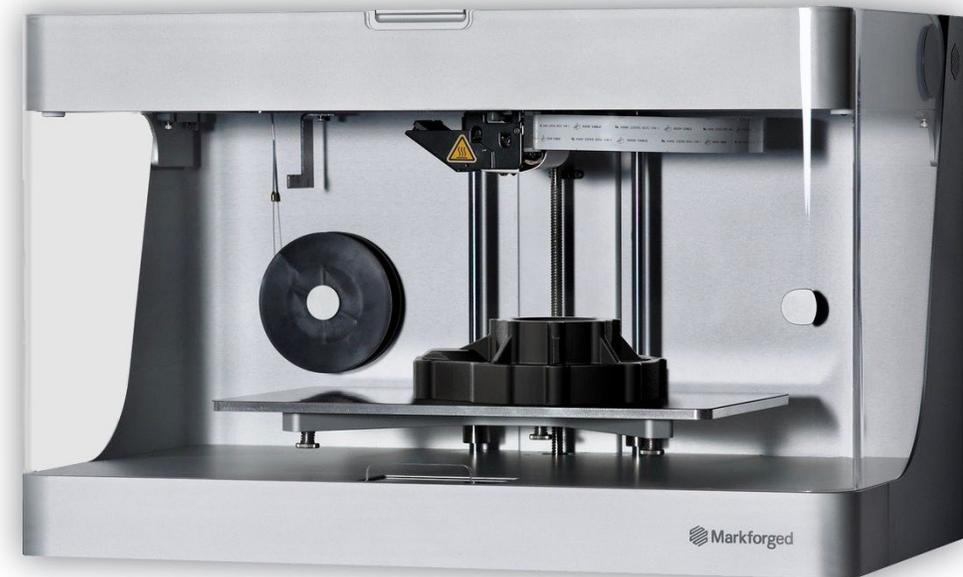
## Build Volume:

320 x 132 x 154 mm

## Materials:

Nylon

Nylon with Carbon Fiber Filled  
Nylon, or Nylon CF, with  
Continuous Glass, Carbon, or  
Kevlar Fiber



# Fused Deposition Modeling (FDM)

## 3D Platform 200 Series

1000x1000x500mm

## BambuLab PS1 (x4)

256x256x256mm

## Creality K1 Max

300x300x300mm

## Materials:

PLA, PETG, ABS, ASA, TPU



# HandySCAN BLACK

7 Laser 3D scanner

**Scanning Area:** 310 x 250 mm

**Part Sizes:** 0.05 – 4m

**Accuracy:** 0.035mm



# Microscopy

**Jeol JSM-IT100 SEM w/ EDS**

300,000x mag

**Optical Microscope**

1000x mag

**Stereo Microscope**

4x mag



## Contact:

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