

# DID Machining and Fabrication Facilities

No.	DID Machining and Fabrication Facility	Machine Model	Machining Size (mm)	Material	Location
1	High Speed 5-Axis CNC Machining Centre	CMS Poseidon	7500 x 3800 x 2000	EPS Foam, Solid Wood and Hard Plastic	SDE2, DIC Prototyping Lab, #01-15
2	High Speed 5-Axis CNC Machining Centre	CMS Athena	3000 x 1500 x 1000	EPS Foam, Solid Wood and Hard Plastic	SDE2, DIC Prototyping Lab, #01-15
3	Rapid PCB Prototyping Machine	LPKF ProtoMat S103	229 x 305 x 22	Plastic, Aluminum, Copper, Brass and FR4	SDE2, DIC Prototyping Lab, #01-15
4	Laser Cutting and Engraving Machine	EAS Laser 2' x 4' / 70 Watts	1250 x 650	Acrylic , Wood and Paper Board	SDE2, DIC Prototyping Lab, #01-15
5	Laser Sintering 3D Printer	EOS Formiga P 100	240 x 190 x 300	Fine Polyamide PA 2200	SDE3, Student Model Workshop, #01-11B
6	Markforged 3D Printer	Mark X	330 x 250 x 200	Onyx, Carbon Fiber, Fiberglass and Kevlar	SDE1, DIC Office, #03-06
7	Formlabs 3D Printer	Form 2	145 x 145 x 175	Photosensitive Resin	SDE1, DIC Office, #03-06
8	UP Box 3D Printer	UP Box Plus (Serial No: 503909)	255 x 205 x 205	ABS and PLA	SDE3, DOA Studio, #02-28A
9	UP Box 3D Printer	UP Box Plus (Serial No: 520868)	255 x 205 x 205	ABS and PLA	SDE3, DOA Studio, #02-28A
10	UP Box 3D Printer	UP Box Plus (Serial No: 521488)	255 x 205 x 205	ABS and PLA	SDE3, DOA Studio, #02-28A