

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	VENDOR
1	1	MULDEX-01	FRAME ASSEMBLY	3DPW
2	1	MULDEX-10	KINEMATIC ASSEMBLY	3DPW
3	1	MULDEX-28	FLEX PLATE CADDY ASSY	3DPW
4	1	MULDEX-30	PANNEL ASSY, LEFT	3DPW
5	1	MULDEX-31	PANNEL ASSEMBLY, RIGHT	3DPW
6	1	MULDEX-32	BOTTOM PANNEL ASSY	3DPW
7	1	MULDEX-33	SCRAPER ASSEMBLY, U-AXIS	3DPW
8	1	MULDEX-34	SCRAPPER ASSY, X-AXIS	3DPW
9	1	MULDEX-35	DUET PANNEL	3DPW
10	2	MULDEX-36	LIGHT BAR ASSEMBLY	3DPW
11	1	MULDEX-37	Y-AXIS STOP, RH	3DPW
12	1	MULDEX-38	Y-AXIS STOP, LH	3DPW
13	2	MULDEX-41	BOWDEN STRAIN RELIF ASSY	3DPW
14	1	MULDEX-11-10	BMG TRIGGER, RH	ATOMIC
15	1	MULDEX-00-01	BACK COVER PANNEL	REPKORD

MULDEX

3D PRINTER

REP-RAP IDEX

The Muldex was designed and built for the Midwest Rap-Rap festival with the help of our sponsors.

Build Platform:

300mm X 400mm
120v Silicone heater
8mm Mic 6 Aluminum Plate
Kinematic Coupled Bed
Independent motor leveled bed
Flex Plate System

Print Volume:

Single Mode: 340mm x 300mm x 300mm
Copy Mode: 190mm x 300mm x 300mm
Dual Extruder: 310mm x 300mm x 300mm

Kinematics:

X-Y-U Axis: Dual Markforged
Z-Axis: Belted 9mm Planetary Steppers
12 and 9mm Sq. Rail Bearings
Controller: Duet 2/Panel Due i7/Duex 5

Frame:

4020 & 2020 Extruded Aluminum

Componets:

Independently Adjustable Nozzle Height
Remote Direct Drive Extruders
Purge Bucket/Ooze guards
Reverse Bowden w/filament runout



PROJECT SPONSERS:

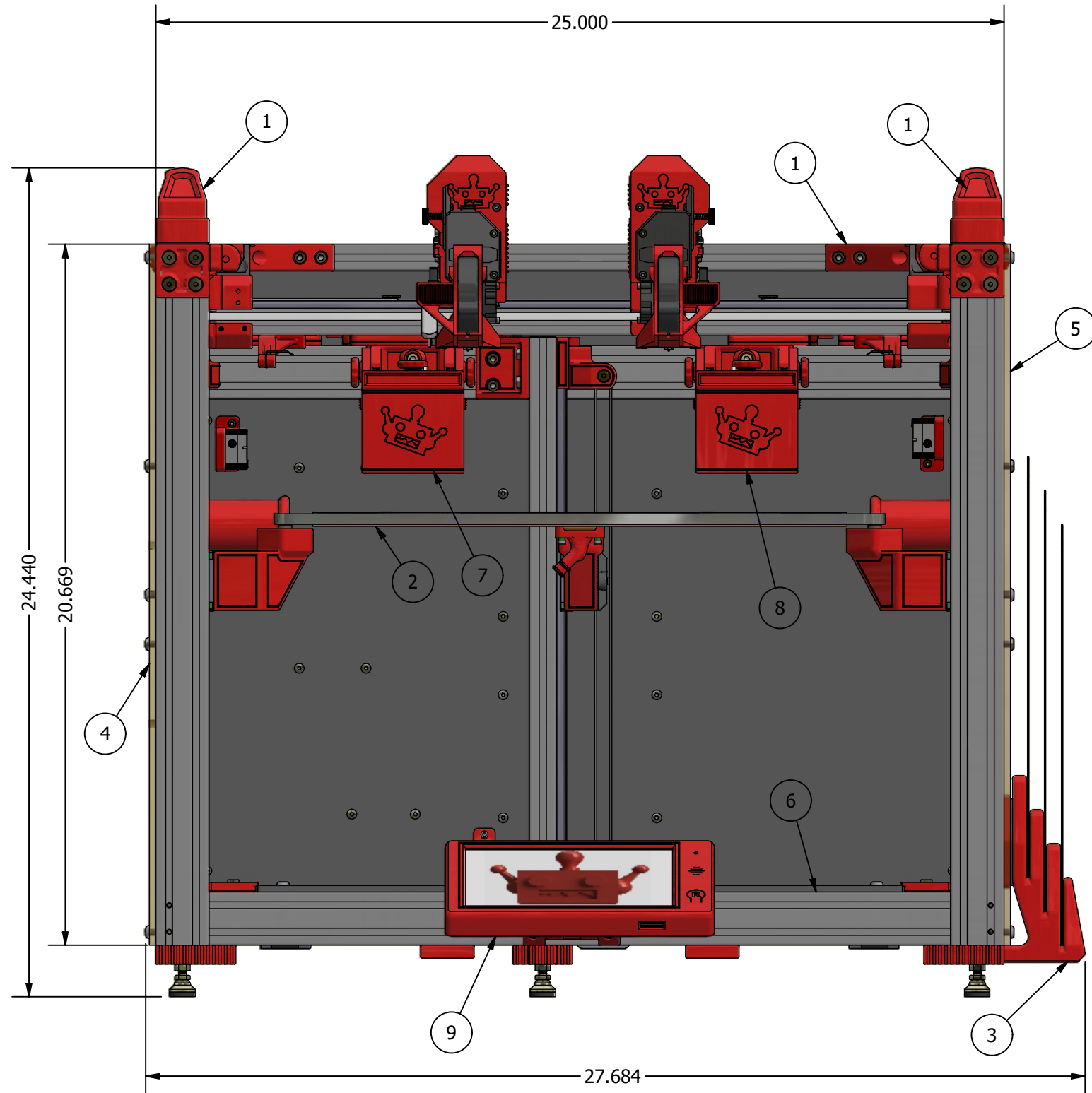
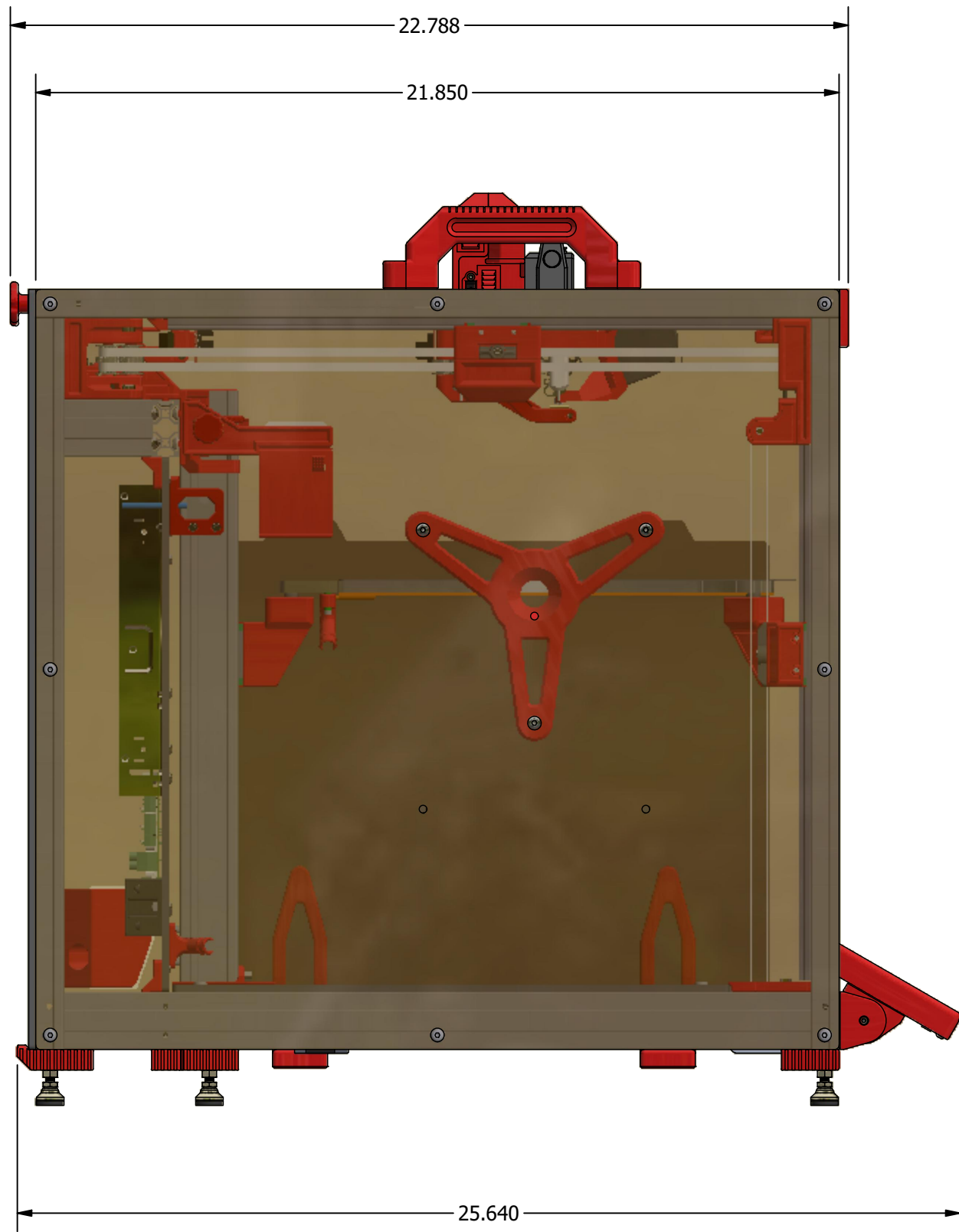
- Filastruder
- Keenovo
- Repkord
- Zesty Tech
- LDO Motors
- 3D Fused
- Atomic Filament
- Wham Bam
- Capricorn
- Buildtak
- Slice Engineering

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3D PRINTING WORLD



MULDEX REP RAP IDEX 3D PRINTER **DL1**
PART NO: MULDEX-00
MAIN ASSEMBLY DRAWING



**3D PRINTING
WORLD**

MULDEX REP RAP IDEX 3D PRINTER **DL1**
PART NO: MULDEX-00
TITLE: MAIN ASSEMBLY DRAWING

PROJECT SPONSORS:

- 3D Fused
- Keenovo
- Atomic Filament
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