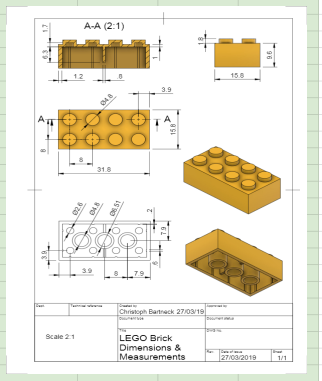
BLUF: Lets see how Lego SW Universe could make the Lego Death Star, is it possible? What issues do you forsee?

Type	Measure	Value
Lego Brick (2x4)	Length (mm)	31.8
Lego Brick (2x4)	Width (mm)	15.8
Lego Brick (2x4)	Height (mm)	9.6
Lego Brick (2x4)	Volume (mm^3)	4823.424
Earth	Radius (km)	6371
Earth	Radius (mm)	6371000000
Earth	Volume (mm^3)	1.08321E+30
Death Star I	Radius (km)	60
Death Star I	Radius (mm)	60000000
Death Star I	Volume (mm^3)	9.04779E+23
Death Star II	Radius (km)	80
Death Star II	Radius (mm)	80000000
Death Star II	Volume (mm^3)	2.14466E+24
# of Bricks to make	Earth	2.24572E+26
# of Bricks to make	**Death Star I**	**1.8758E+20**
# of Bricks to make	Death Star II	4.44634E+20

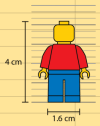


TLDR: Here's how many bricks to make these things...

BLUF: Lets scale down the death star to Lego People size (vice blow everything up)

Lego Person Scale 1:42

Lego Death Star I	Radius (km)	1.428571429	<---- Hey that's tangible!!!
Lego Death Star I	Radius (mm)	1428571.429	
Lego Death Star I	Volume (mm^3)	1.22122E+19	
# of Bricks to make	Death Star I	2.53186E+15	
# Made In A Year	Legos	45700000000	
# Years to Build	**Death Star I**	**55401.66912**	



TLDR: Okay thats too long, but earth manufacturing timeframe is different than SW...

BLUF: Lets see how much power it then takes cuz time is already a no go...

3D Printer Power Draw	WattHour (Avg)	70
3D Print Time of Lego	Minutes (Avg)	10
3D Print Power Usage	Joules	42000
Ammount of Power to 3d Print	**Death Star I**	**1.06338E+20**

BLUF: Lets see where we could get that kind of power: Tibanna Gas (Weapons), Rhydonium (Sublight), Coaxium (Hyper)

Awesome Reference: https://www.rakuten.com/blog/how-many-batteries-star-wars/

Blaster	6.34E+06
BB-8	7.98E+09
Lightsaber (Qui-Gon Jinn)	1.69E+09
Lightsaber (Kylo Ren)	2.50E+09
Star Destroyer (melt)	3.29E+12
X-Wing Weapons	6.00E+13
Snowspeeder Weapons	3.00E+13
Star Destroyer (vaporize)	2.50E+14
Hyperdrive	6.29E+19
DRUM ROLL.....	XXXXXXXXXXXX
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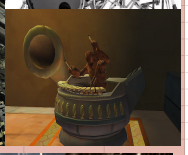
Death Star 1	2.25E+32



TLDR The only thing with enough power in SW Universe to 3d Print enough Legos to build Death Star 1, is Death Star 1

References

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