



VINDER AF
DANMARKS DIGITALE
FØRERTRØJE



THÜRMER
CUTTING TOOLS SINCE 1898

**TWENTY
SEVEN**

PART OF THÜRMER GROUP





THE NEW YORK TIMES BESTSELLER

THE SINGULARITY IS NEAR

WHEN HUMANS TRANSCEND BIOLOGY

"Startling in scope and breadth."
—Jared Mason, *The New York Times*

RAY KURZWEIL

AUTHOR OF THE AGE OF SPIRITUAL MACHINES

SINGULARITY UNIVERSITY

SINGULARITY UNIVERSITY

SINGULARITY UNIVERSITY

SINGULARITY UNIVERSITY

SINGULARITY UNIVERSITY

SINGULARITY UNIVERSITY

Erick



WORLD GOVERNMENT

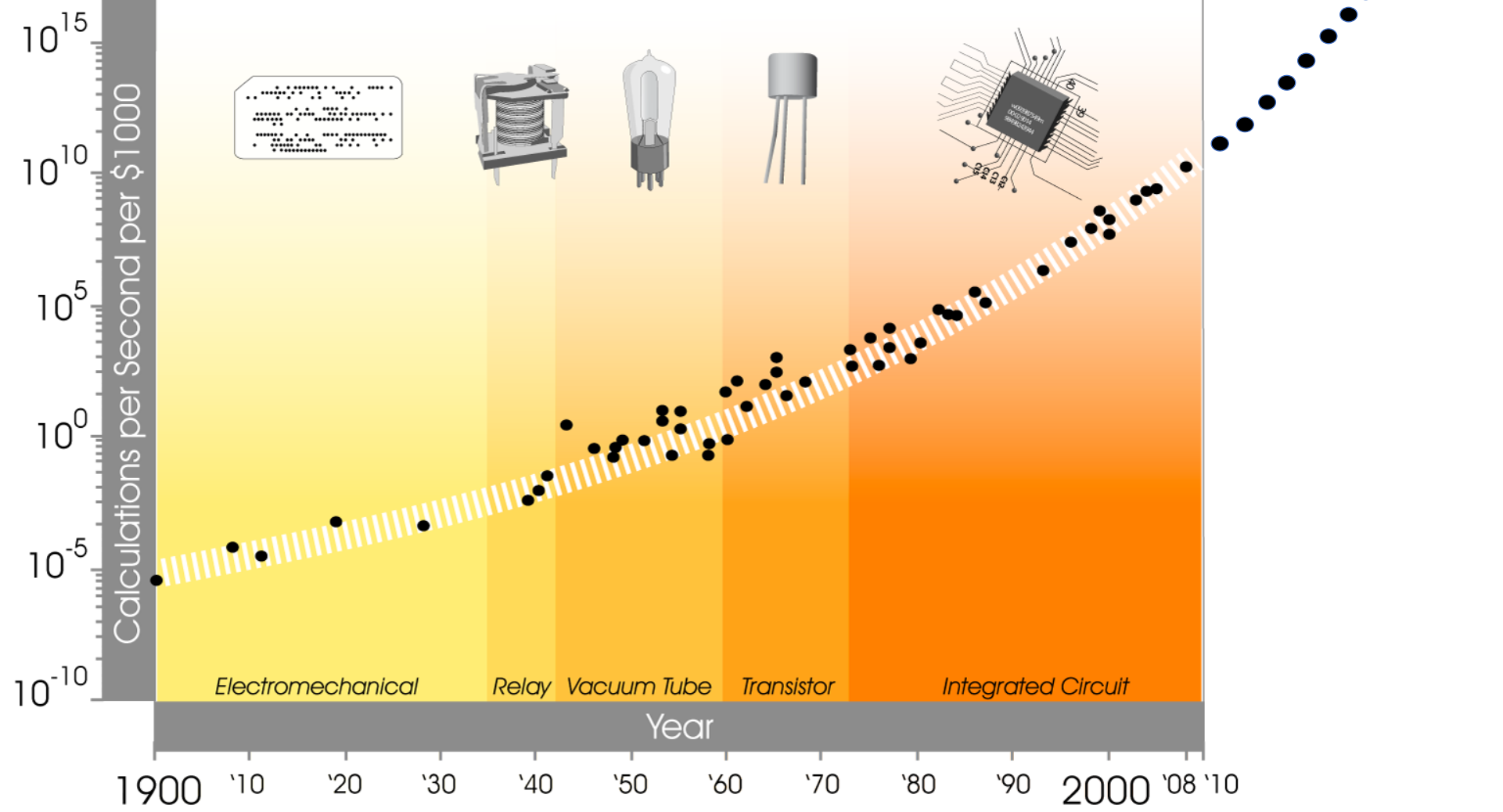
مركبة جوية ذاتية القيادة
RTA 8009090

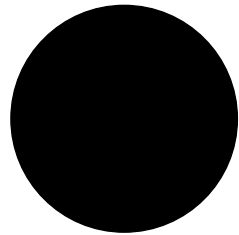
GHANG

Exponential Growth of Computing for 110 Years

Moore's Law was the Fifth, not the First, Paradigm to Bring Exponential Growth in Computing

Logarithmic Plot





540.000
holes



53 mio.





Fritz C. Thürmer
1864-1942
Thürmer & Co 1898



Eric Thürmer
1899-1960



Bjørn Thürmer
1948-



Erick Thürmer
1977-

GLOBAL MARKET 2015

INTERNAL COOLING
€ 71 MILLION

MACHINE TAPS
€ 715 MILLION

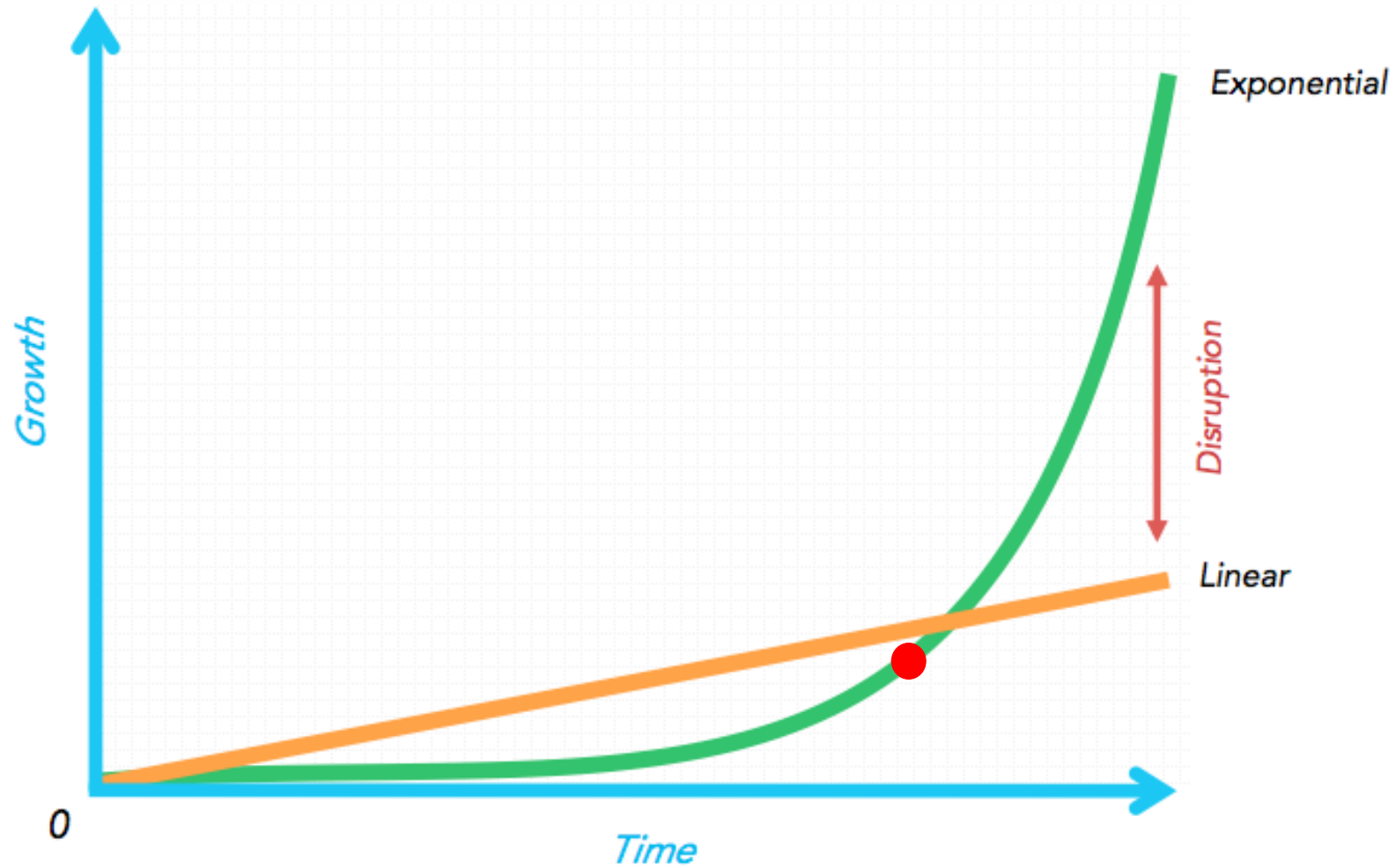
**THREAD CUTTING
TOOLS**
€ 1.1 BILLION

CUTTING TOOLS
€ 17.2 BILLION

MARKET LEADING COMPANIES

- **OSG, JAPAN**
- **GÜHRING, GERMANY**
- **FRAISE, SWITZERLAND**
- **EMUGE, GERMANY**
- **SCHUMACHER, GERMANY**





DISRUPTION



1988
Emp.145,300
Rev. \$10 bill.
Earnings \$529 mill.



2012
Emp.13,094
Rev. \$4 bill.
Earnings \$1.4 mill.



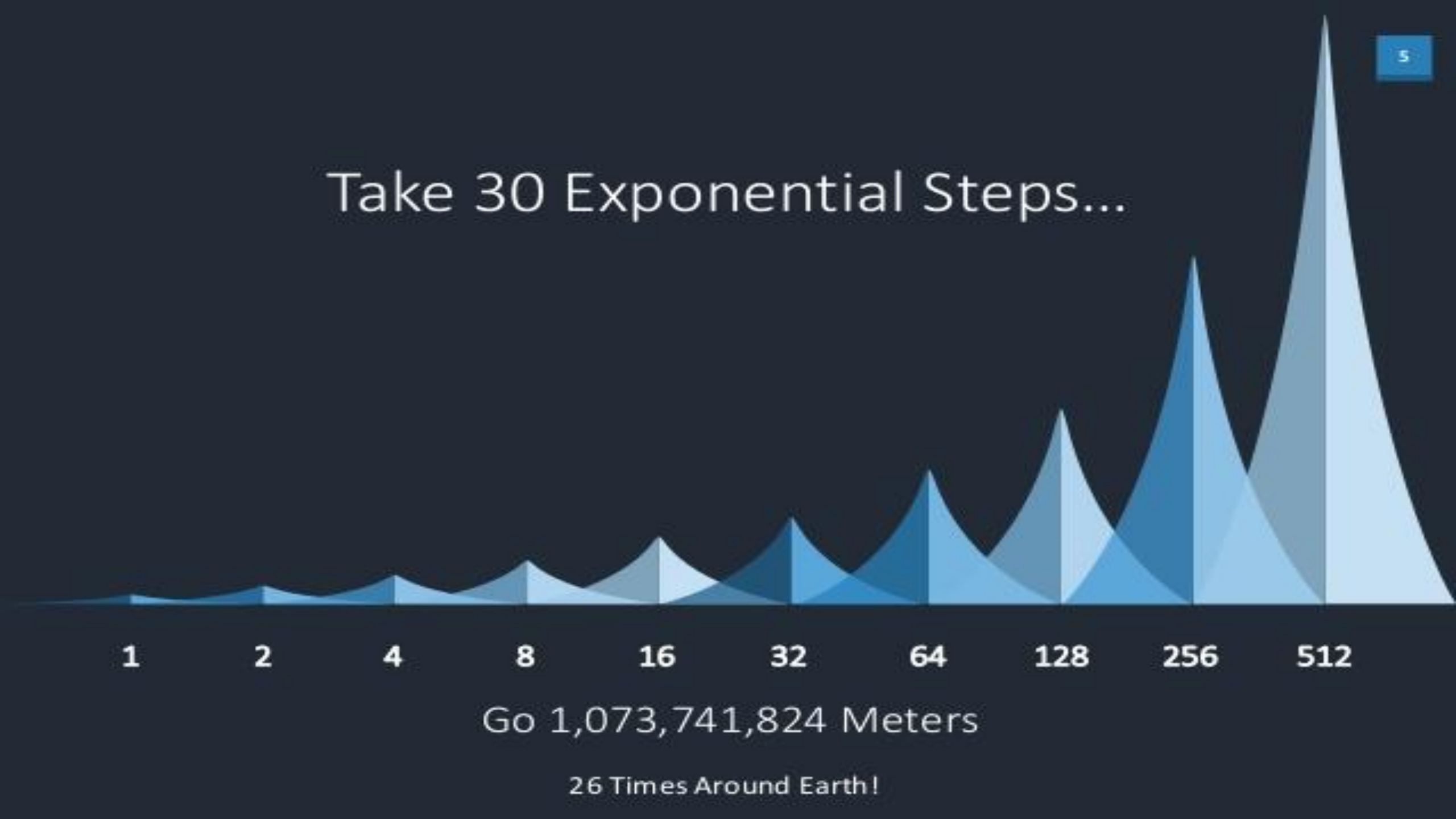
2012
Emp.13
Acquisition
\$1 bill.

Take 30 Exponential Steps...

1 2 4 8 16 32 64 128 256 512

Go 1,073,741,824 Meters

26 Times Around Earth!





Ekspontientiel vækst



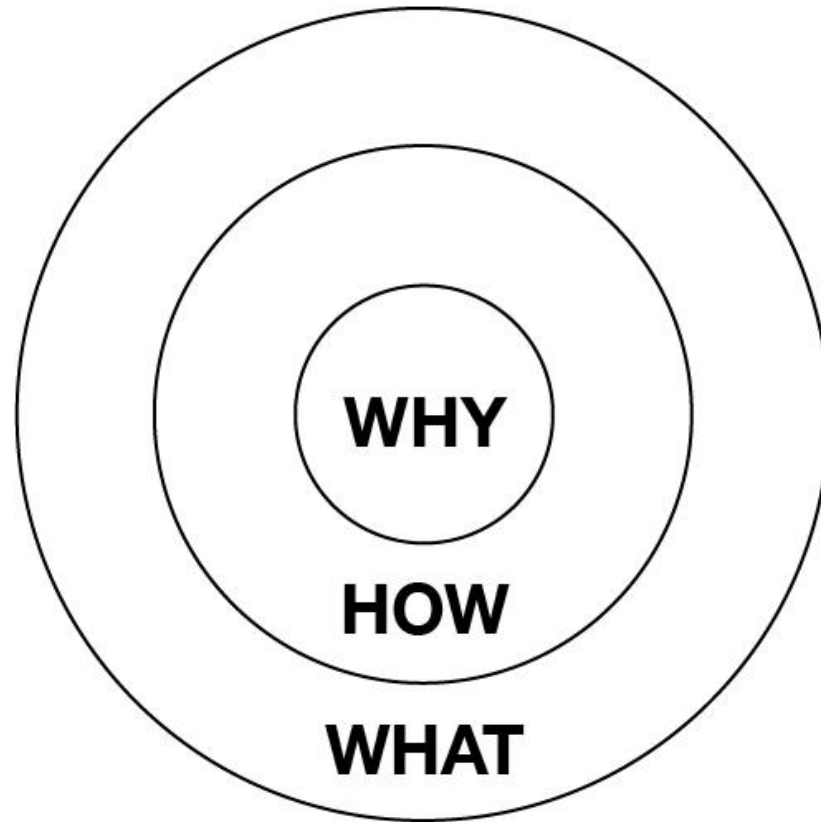
Kreative kryds



Disruption

THE GOLDEN CIRCLE

By Simon Sinek



What

Every organization on the planet knows **WHAT** they do. These are products they sell or the services they offer.

How

Some organizations know **HOW** they do it. These are the things that make them special or set them apart from their competition.

Why

Very few organizations know **WHY** they do what they do. **WHY** is not about making money. That's the result. It's a purpose, cause or belief. It is the very reason your organization exists.

MAKING 3D PRINTING ACCESSIBLE



Greta D'Angelo, Ph.d.
Additive Manufacturing Specialist



Ingeborg Roseninge
Head of 3D Printing Innovation

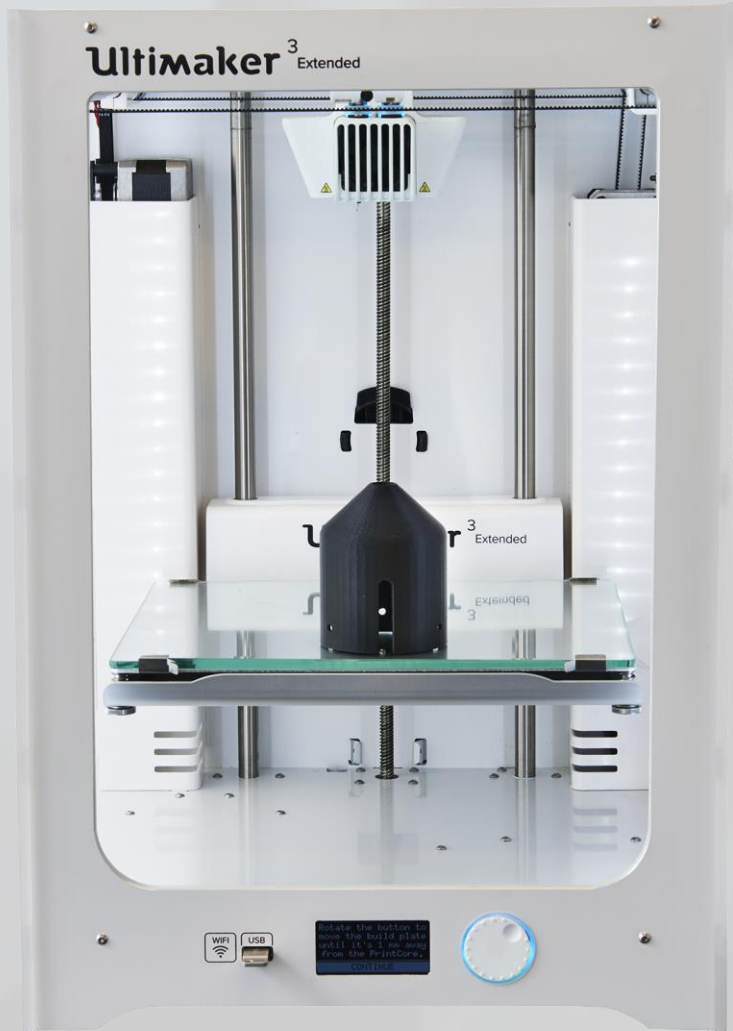
Ultimaker³ Extended



Rotate the button to
move the build plate
until it's 1 mm away
from the Printcore.



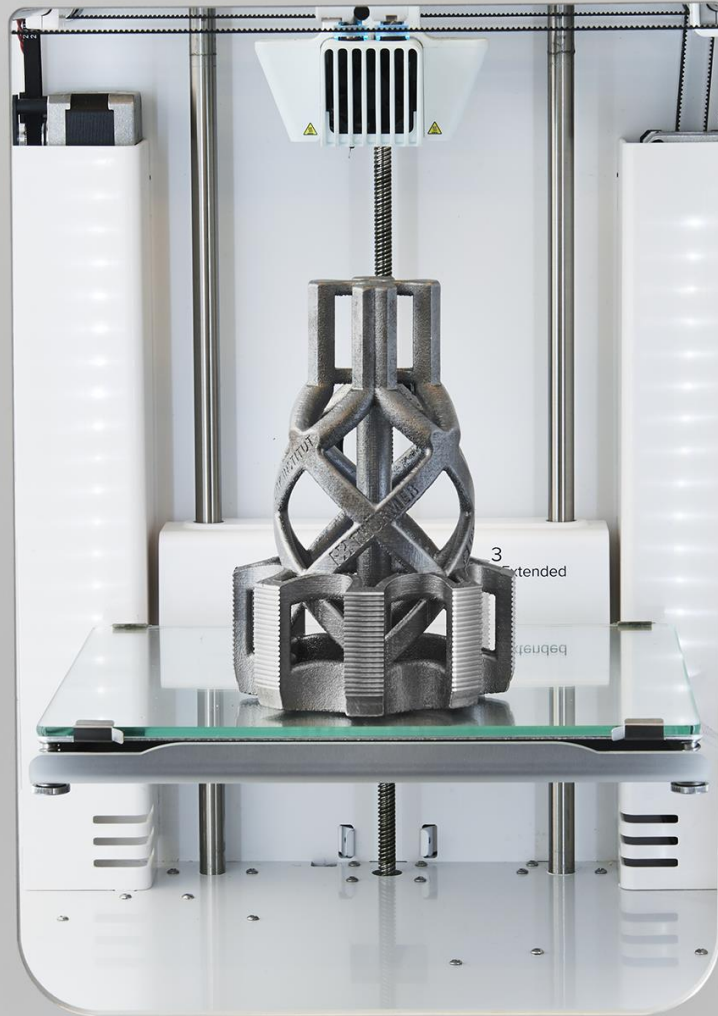
TWENTY
SEVEN



TWENTY
SEVEN



Ultimaker³ Extended



Rotate the button to
move the build plate
until it's 4 mm away
from the PrintCore.
CONTINUE



TWENTY
SEVEN

3D PRINTING IN SPACE

1. Printing instructions are beamed from Earth

2. The Zero-G 3D Printer begins printing aboard the International Space Station



3. The printed object is removed from the printer, ready for use.



MTHøjgaard



TWENTYSEVEN

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Ekspontientiel vækst

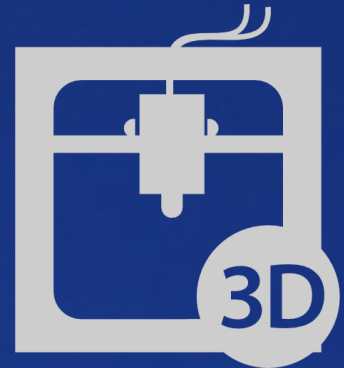
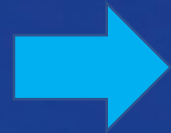


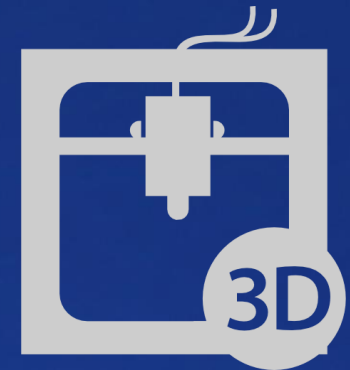
Kreative kryds



Disruption







 dashboard

 activity

 profile

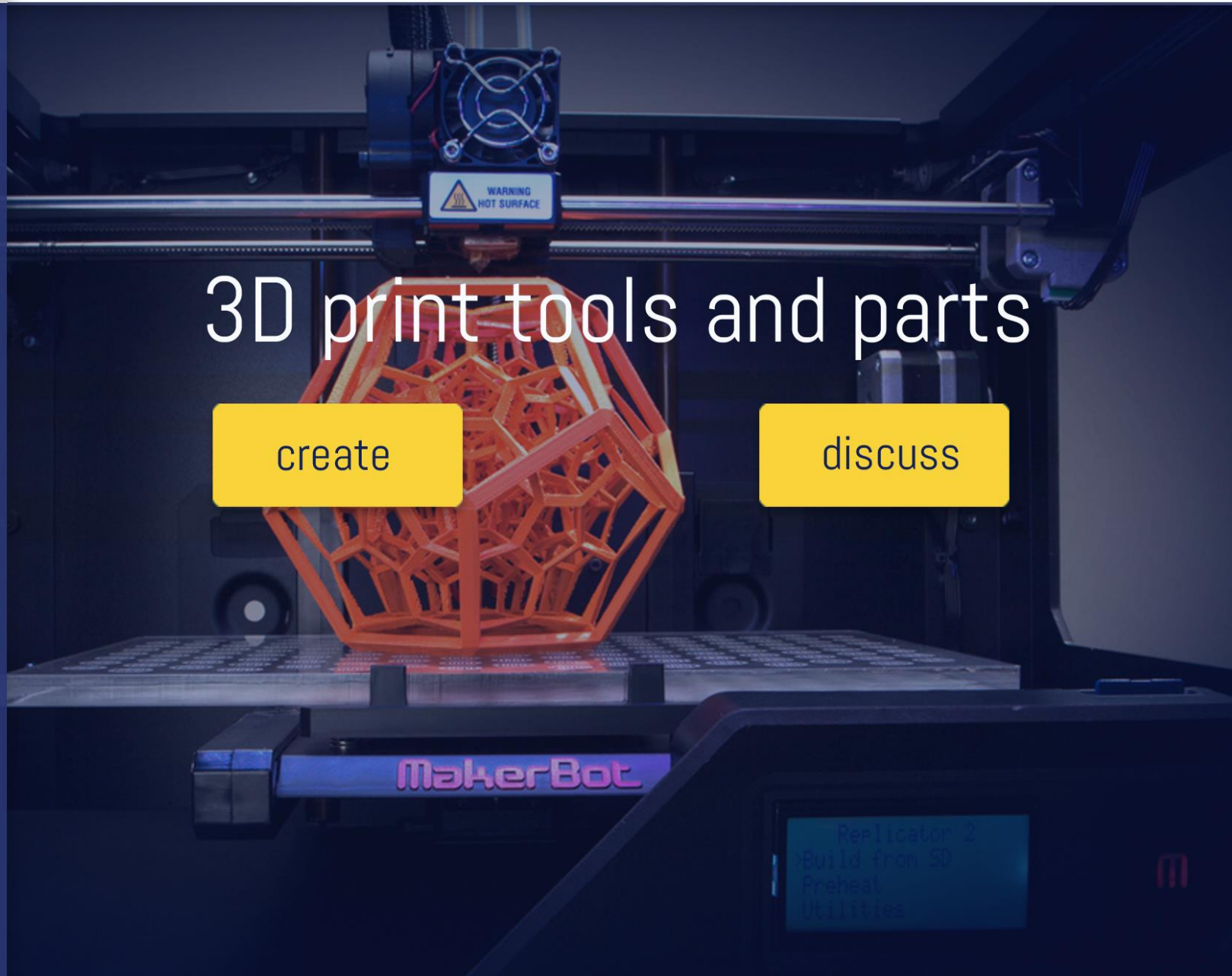
 inbox

 my designs

 favourites

 notifications

 settings




3D print tools and parts

create

discuss

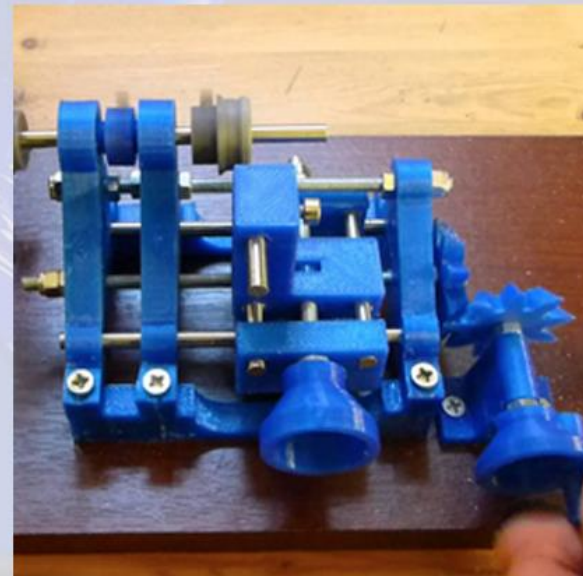
Replicator 2
Build from SD
Preheat
Utilities

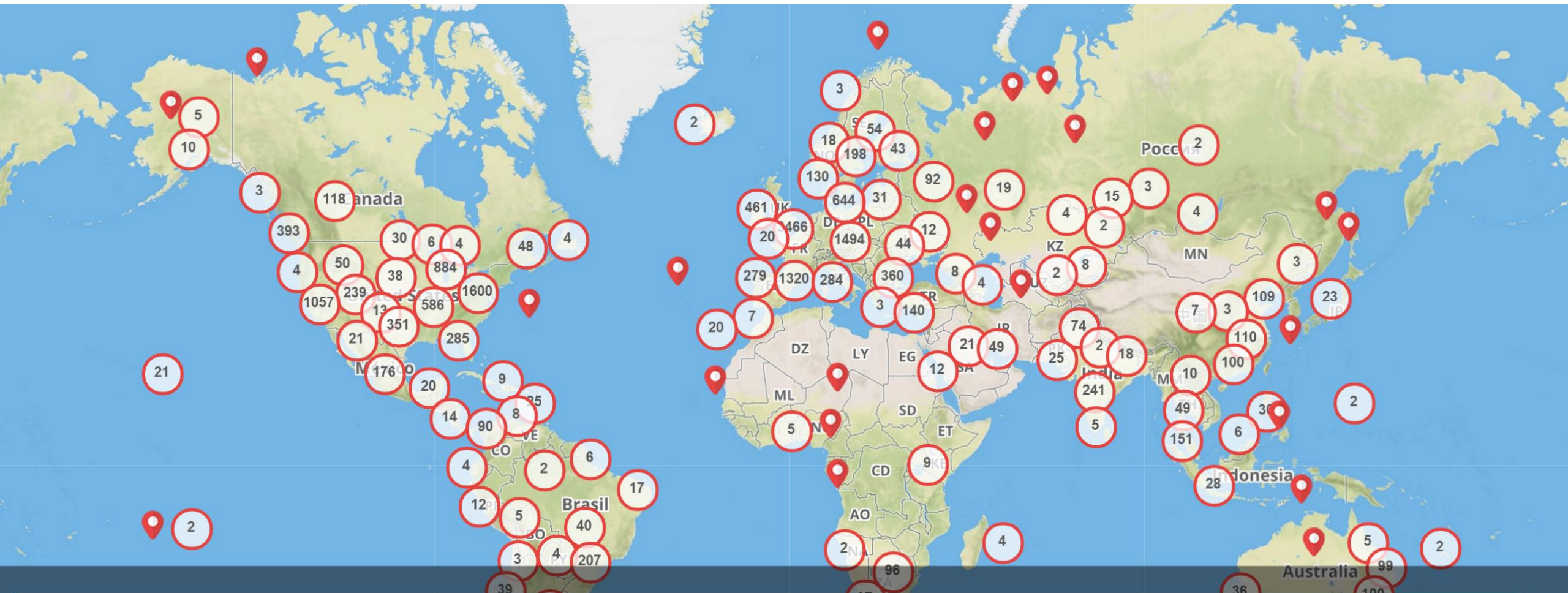
 dashboard activity profile inbox my designs favourites notifications settings

Step 4 Pick your favourite!

After your back and forth with the designers you pick the design that best fits your needs!

Now the only thing left is getting it printed, [see how we can help with that here](#)





Where would you like to print?

SEARCH



amazon
Prime Air

amazon
Prime Air



The

CREATIVE CROSSING

**Connecting 3 billion
more people by 2020**





Internet users in the world

3,343,313,980

**THANK YOU FOR YOUR
ATTENTION!**

We can stay in touch on LinkedIn and Facebook

Personal profile: Erick Thürmer
Company profile: Thürmer Tools

