

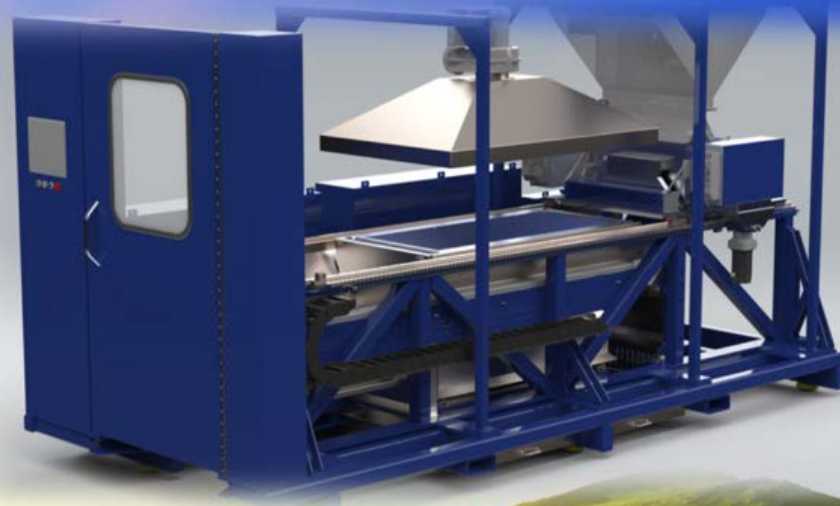


**LIGHTSPEED
CONCEPTS**

with Revolutionary

BLUENANO™

Binder



Sustainable 3D Sand Printer for Metalcasting

Agility & Lightweighting

Daniel Shirkey – President

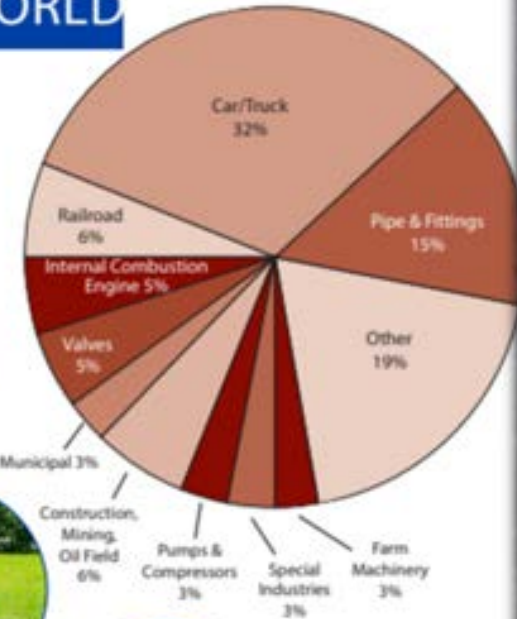
CASTINGS
ARE
EVERYWHERE!

\$44 Billion U.S. Market

However there are
casting constraints,
e.g. Lightweighting...

CASTINGS IN OUR WORLD

Did you know that in the middle of an average city you are never more than 10 ft. from a metal casting. Ninety percent of all manufactured goods rely on metal castings.



SAND CASTING: Traditional vs 3D Printing






	LIGHTWEIGHTING	↓ Tooling COST	↑ Market SPEED
Traditional			
<i>3D Printing</i>	✓	✓	✓



OEM/Foundry Agility & Profitability \$\$\$

COMPETITION: 3D Sand Printing



	COST	PRODUCTIVITY	ENVIRONMENT, HEALTH & SAFETY	METALS & SHAPES
				
				
 LIGHTSPEED CONCEPTS	✓	✓	✓	✓



BLUENANO™ *Binder is Revolutionary*

BUSINESS MODEL: *Profitable Quickly & Recurring*



REVENUE

- Machines **IRV-BUILDER™**
- Binder **BLUENANO™**
- *Other (parts, service, etc.)*

>\$1 Million lifetime revenue per machine

LOW OVERHEAD

PROJECTING >30% IRR

MARKET TRACTION: *Strong IP & Sales Pipeline*



- Patents & Trademarks

BLUENANO™

IRV-BUILDER™

- Purchase Orders

- Fortune 10 Tech Co.
- Railcar Manufacturer

- >\$1 Million POs imminent: *Industrial niches, Defense, Universities*

- Awarded Best Early Stage I4.0 Company

- ~2000 U.S. Foundries & >30,000 Globally



TEAM



100+ years in Metalcasting & Machinery



John (Chip) Keough

Founder & Chairman

Award Winning Entrepreneur



John Biel, PhD

Product Development Dir.

R&D Expert



Brandon Welker

Product Development Eng.

Metalcasting Guru



Daniel Shirkey

President

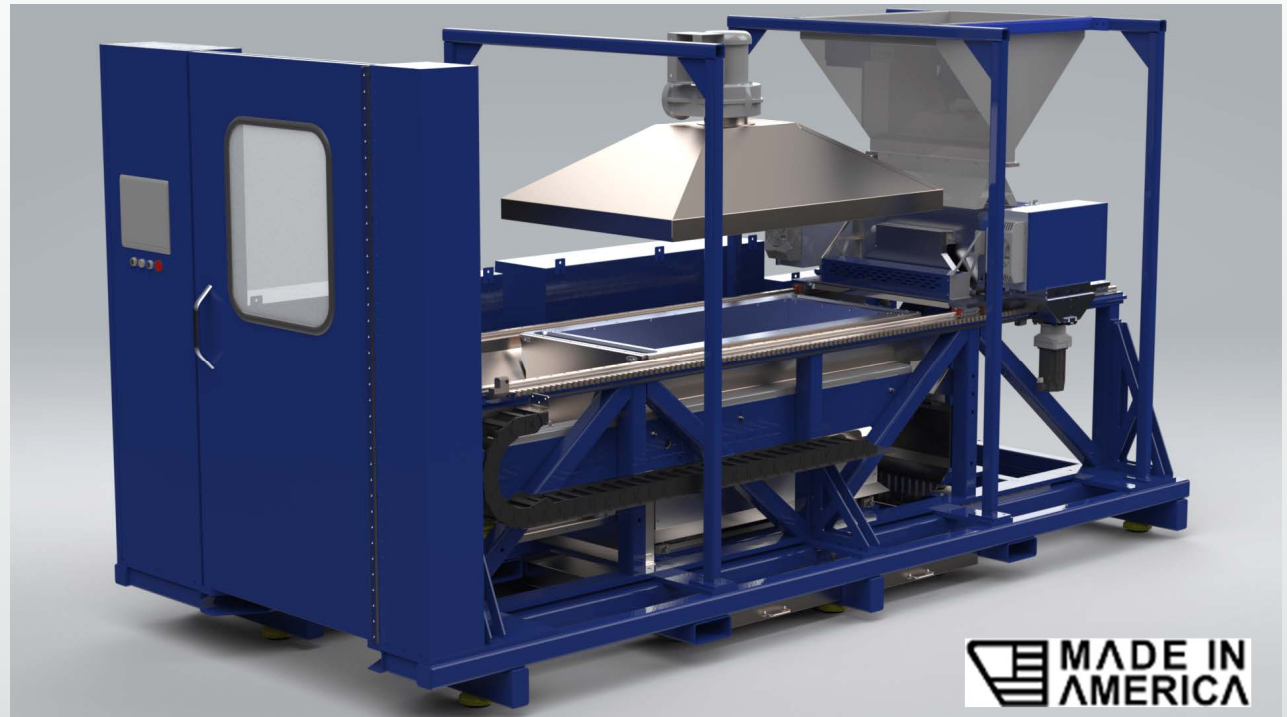
Engineer & Ross MBA

FINALLY, 3D Printing for Metalcasting is

FASTER **ECONOMICAL &** **ENVIRONMENTALLY FRIENDLY**



**LIGHTSPEED
CONCEPTS**



Limited investment slots remaining



LIGHTSPEED
CONCEPTS

Thank You

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