

Hamilton Holdings Pte Ltd, under the brand Hamilton Labs, is an integrated additive manufacturing, or 3D printing, design, solutions and implementation services company. Our focus is on digitalizing industrial additive manufacturing through automation and robotics. Our focus is the Built Environment.

Hamilton Labs is a fully supported co-working & collaboration eco-system in which to research, design, develop and commercialize. Our eco-system combines all the elements needed under one roof to help you create & nurture new businesses, 3D printers, sustainable materials, designs, software, procedures, methodologies and innovations to tackle climate change, to improve lives.



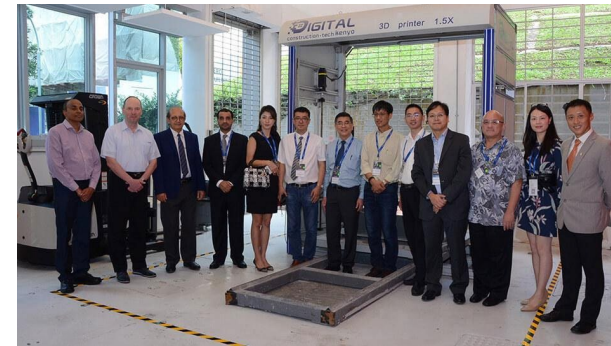
<https://youtu.be/azPrmztLaZ0> Our Work in India.

[NUS builds new 3D printing capabilities, paving the way for construction innovations](#)

NUS Construction 3D Printing Programme aims to transform construction with novel building designs and materials... The first is a 3D printed toilet project carried out in collaboration with the NAMIC and the Hamilton Labs to accelerate the production of toilet units in India and improve sanitation in the country.

[WORLD'S FIRST 3D PRINTED TOILETS COMING TO INDIA WITH SINGAPORE'S HAMILTON LABS](#)

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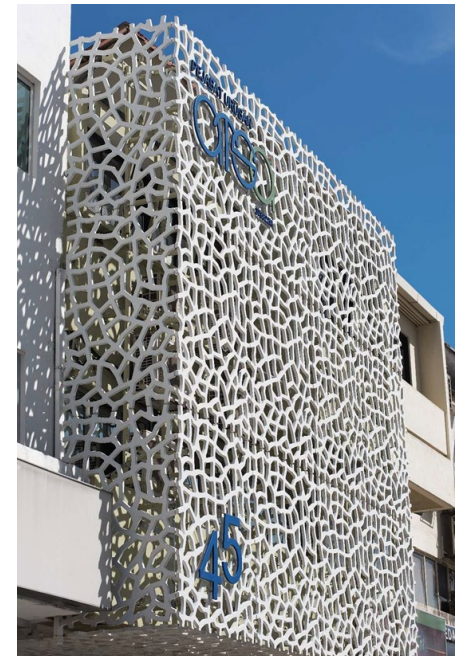
**We make LARGE parts
in LESS time**

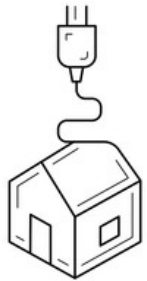


STANDARD & CUSTOMIZED INDUSTRIAL 3D PRINTERS & MATERIALS

Offering state-of-the-art 3D printing services, our in-house advisory teams in Singapore & India are always ready to meet your demand and serve your 3DP needs.

You can select from a wide range of industrial 3D printing materials for your project requirements, matched with a variety of open material additive manufacturing technologies & methodologies.





Our Solutions

Our Focus

Our Commitment



THE ADVANTAGES OF A 3D PRINTED BUILDING



REDUCE COSTS



REDUCE TIME



REDUCE ERRORS



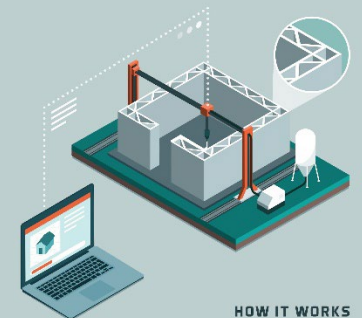
FLEXIBILITY
CUSTOMIZATION



SUSTAINABILITY



DURABILITY



HOW IT WORKS

HAMILTON LABS AND LATICRETE LOOK TO THE FUTURE WITH CONCRETE 3D PRINTING

4 Dec 2019

Laticrete, a manufacturer of construction materials, having developed several 3D printing mortars for projects globally, have localized the material for Hamilton Labs' project in India. On- site calibration and laboratory testing utilizing local Indian raw materials has created a tailored solution to solve the toilet crisis. Laticrete continues to develop 3D printable mortars globally, including housing projects in Dubai and structural weight optimized pavilions in the USA."

"With the collaboration with Laticrete in India, our efforts will greatly be enhanced", Hamilton Labs' Willy Ng added. "A critical component in the 3D printing of the toilets is materials, materials, materials. Materials must be customized such that it can perform the properties needed in concrete 3D printing. More importantly, pricing is the paramount consideration for Hamilton Labs' intents and purposes. With 4 manufacturing facilities and an advanced R&D center in India, MYK Laticrete, the challenges Hamilton Holdings face daily are greatly mitigated."

Hamilton Labs launches entry-level construction 3D printer

The gantry-based concrete 3D printer was designed to tackle sanitation issues in India

Tess Boissonneault December 13, 2018

FOCUS ON 3D PRINTING IN SINGAPORE

12/13/2019

Saint-Gobain is working alongside two construction companies to create a research and development laboratory specifically for 3D concrete printing. This first reflects the Group's desire to roll out 3D printing worldwide.





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Our Preferred Partners:

ONG&ONG Pte Ltd
<https://www.ong-ong.com/>
Architects

G-Cast (A Subsidiary of Chin Hin Group Bhd)

Better Life Foundation
CSR
<https://www.facebook.com/blf.sg>

Participating Member

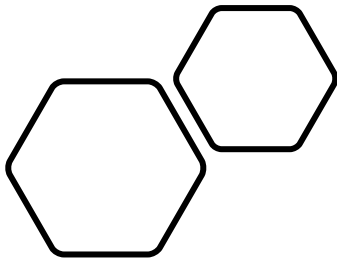
ASTM INTERNATIONAL
Helping our world work better

Part of the NAMIC Network

NAMIC
NATIONAL ADDITIVE MANUFACTURING INSTITUTE
1901 COMPANIES ENGAGED
330 PROJECTS INITIATED
241 PROJECTS APPROVED
MAY COMPANY FEATURE

AM BUSINESS DIRECTORY
NICHE ECOSYSTEM WITH MORE THAN 150 COMPANIES
BE PART OF OUR EXTENSIVE NETWORK TODAY
CONNECT. ENGAGE. INNOVATE.

BUSINESS FOR GOOD
Social Enterprise Member of CASE



**We're here.
And we're
ready.**



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Innovating Collaboratively for
Industrial Additive Manufacturing



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<https://youtu.be/e64LMOchdYI>



HAMILTON LABS
DIVISION OF
HAMILTON HOLDINGS PTE LTD
SINGAPORE

3D PRINTING

**INNOVATING COLLABORATIVELY FOR THE FUTURE OF
INDUSTRIAL ADDITIVE MANUFACTURING**

COMPREHENSIVE COLLABORATION IS THE KEY TO SUCCESS

