



# MX3D

想いをかたちに 未来へつなぐ

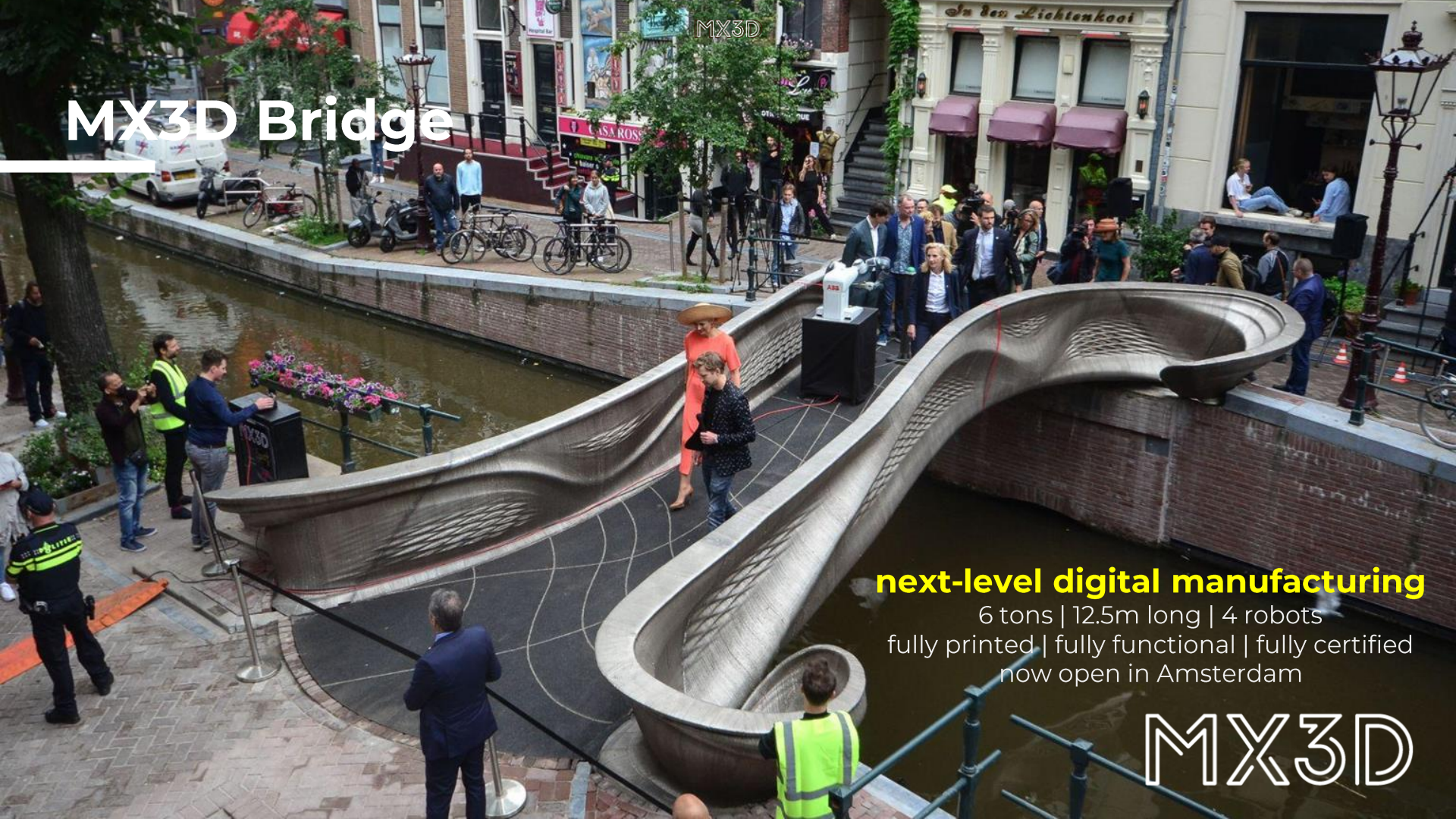


**TAKENAKA**

**Robotic 3D metal printing**  
for the build industry

MX3D

# MX3D Bridge



**next-level digital manufacturing**

6 tons | 12.5m long | 4 robots

fully printed | fully functional | fully certified

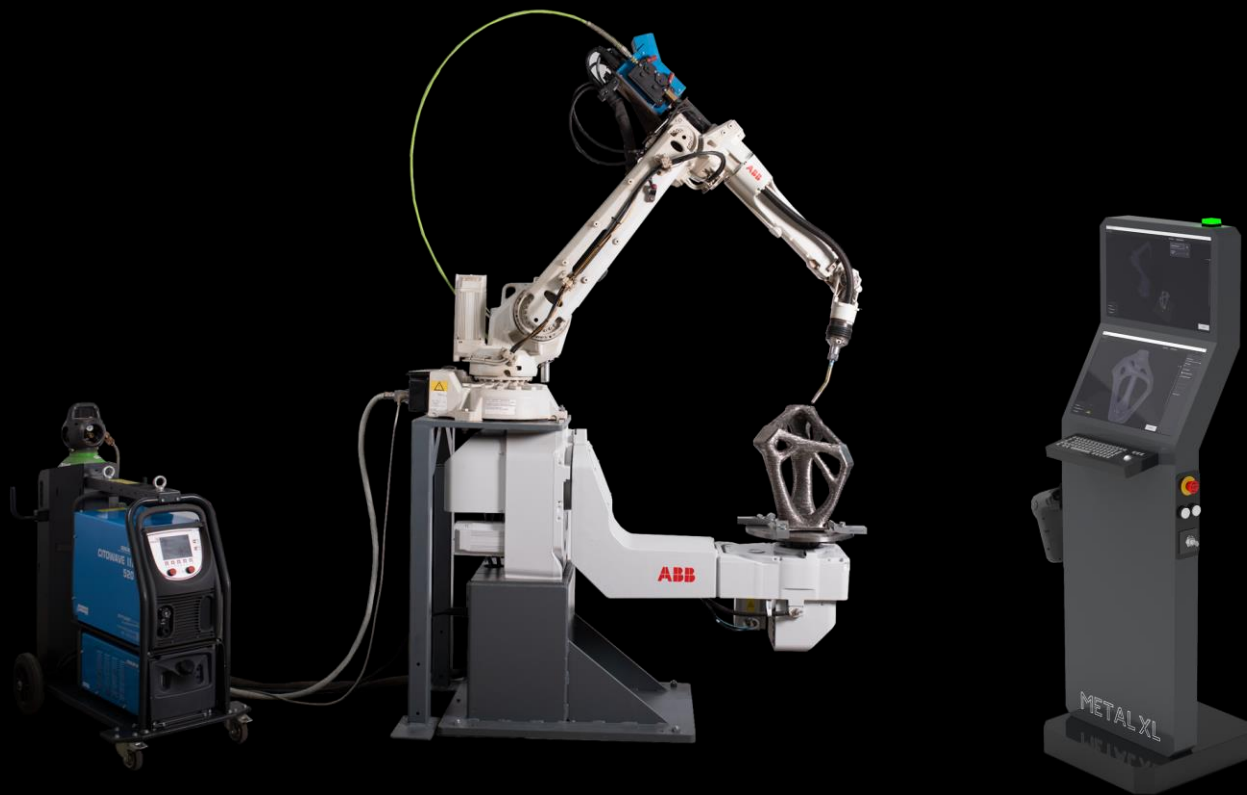
now open in Amsterdam

MX3D

# MetalXL

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**MetalXL** joins an off-the-shelf industrial robot and power source and transforms it into an **industrial-grade 3D metal printer**





# Building sustainable cities

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**MX3D** and **Takenaka** teamed up to **create new build designs** in an innovative and affordable way with

- increased manufacturing flexibility,
- enriched design possibilities, and
- strong material performance.

Organic Structural Steel Connector  
fully 3D printed by industrial robots  
[link](#) (including video)



# New perspectives

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**Commit** - start from a shared belief

**Create** - learn by doing

**Collaborate** - work as one team

Create *new perspectives* on what can be built that does not yet exist today.



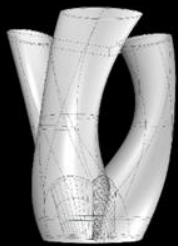
# Smart manufacturing

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Comprehensive **digital manufacturing** for complex civil engineering

**Takenaka**: focus on new designs and strict industry requirements

**MX3D**: focus on 3D printing and advanced digital manufacturing process



DESIGNED



3D-PRINTED



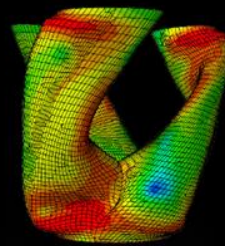
LOGGED



SCANNED



TESTED



ANALYZED

MX3D

# Shape the future

Interested in shaping the future  
of **smart manufacturing** for  
civil design engineering?



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