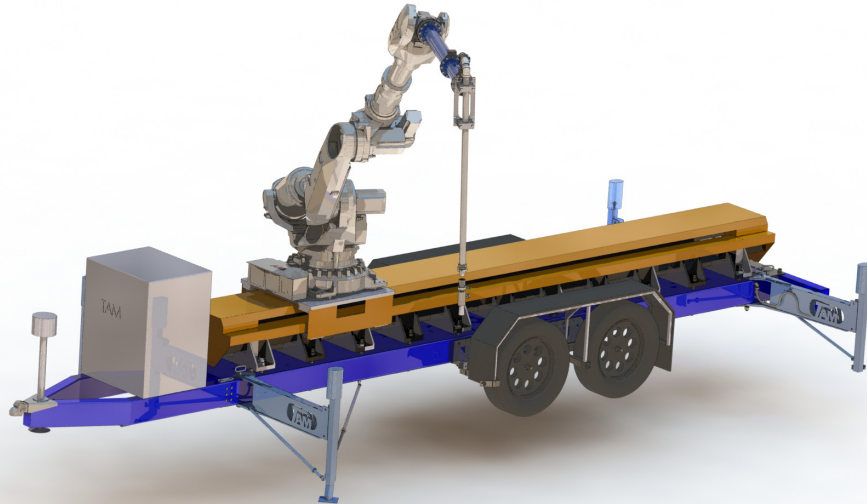
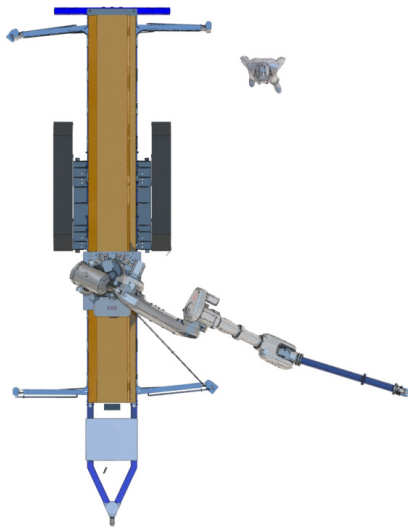


TC05-R320 - TILIKUM

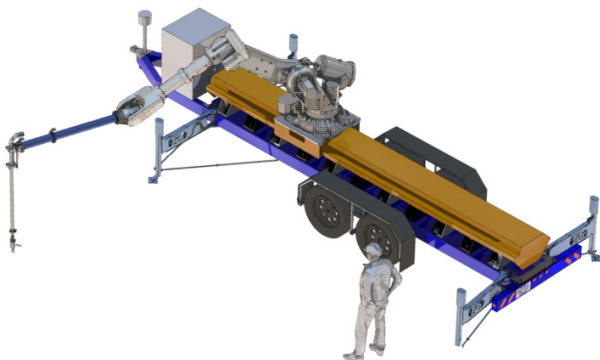


The TC05-R320 Tilikum is a turnkey, industrial, mobile 7-axis 3D printing system on a 6 m flatbed trailer. The robotic arm has a total reach of 3.20m and it is placed on a linear track configurable with 4.7-14.7m travel. This printer is able to travel to remote locations and operate in-situ. It is suitable for printing homes, urban furniture, small and medium parts.

PRODUCT SPECIFICATION



Tilikum - top view



Tilikum - backside view

MECHANICAL

Robot reach (m)	3.20
Robot weight (kg)	6350
Maximum Print Speed (mm/s)	300
Available Nozzle Sizes (Dia - mm)	12-60
Nominal Bead Ratio	03:01
Approx. Min-Max Bead Width (mm)(mm)	20-80
Approx. Min-Max Layer Height (mm)(mm)	5-30
Min-Max Water Intake (PSIG)	30-60

ELECTRICAL

Input Type	3~ 400/480V
Input Frequency (Hz)	50-60

CONTROLS

Included Motion Control System	ABB IRC5
System language	RAPID CODE

SECURITY

Integrated Emergency Stop Loops	Included
Light barriers or other safety switches	On request

SOFTWARE

Basic Slicing Components	Included
Advanced Slicing Components	On request

SERVICES

Commissioning Time	2 Business Days
Setup Time (In Normal use)	2 Hours
Operator Training On-Site	Included

*Typical specifications, subject to change without prior notice