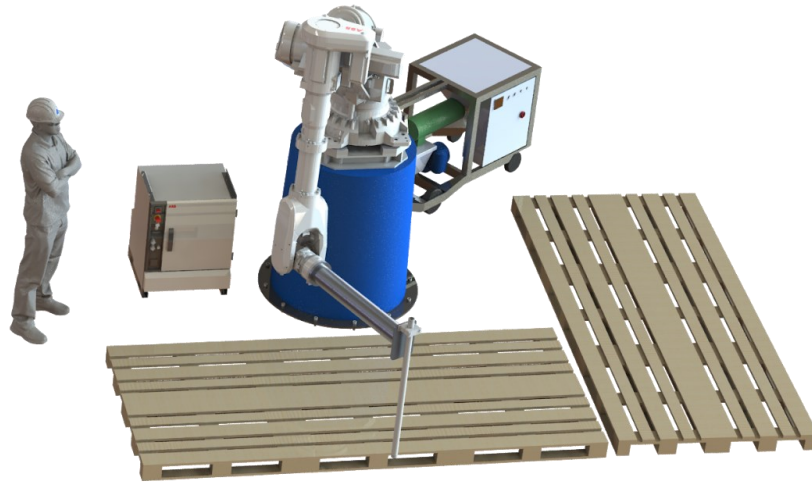


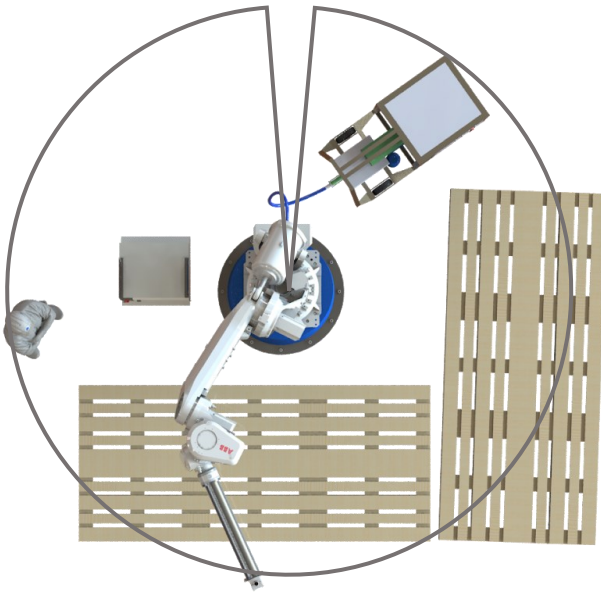
SMALL FORMAT 3D PRINTERS

TCR320 - HOFEN-2



OVERVIEW

The TCR320 Hofen-2 is an industrial, 6-axis, turnkey 3D printing system suitable for producing small to medium sized parts. The robotic arm has a total reach of 3,20 m and can be installed on top of a pedestal for indoor operation. This fast and easy installation makes this system a great solution for those wanting to get started with 3D printing projects quickly.



SPECIFICATIONS

MECHANICAL	
Robot Reach (m)	3.20
Robot Mass (kg)	1280
Maximum Print Speed (mm/s)	300
Available Nozzle Sizes (Dia. - mm)	12-50
Nominal Bead Ratio W:H	3:1
Approx. Min-Max Bead Width (mm)	20-100
Approx. Min-Max Layer Height (mm)	5-30
Water Pressure Min-Max (PSIG)	30-60
ELECTRICAL	
Voltage	3~ 400/480V
Input Frequency (Hz)	50-60
CONTROLS	
Motion Controller	ABB IRC5
Language	RAPID CODE
SAFETY	
Integrated E-Stop loops	Included
Light curtains and additional interlocks	Upon Request
SOFTWARE	
Basic Slicing Components	Included
Advanced Slicing Components	Upon Request
SERVICES	
Commissioning	2 Days included
Setup-time (normal use)	1 hr
On-site Operator Training	Included

VALUE-ADDED FEATURES

“Start-Stop” Pumping Control, Variable flow-rate output, 2-Stage Mixing Chambers, Semi-continuous mixing, HMI with data acquisition and logging, Easy clean-up, Flow regulated water pump, Optional dust extractor, Optional material conveyor for automated material feeding

TAMs PROMISE

Twente Additive Manufacturing supplies the new systems with a 24-month warranty and 1 year of remote support included. The client focused approach to service ensures client success.