3D Printed End-of-Arm Tooling & Fixtures

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3D Laser Sintering Printer System
The Print Chamber 300 x 600

Applicator

Laser
After 6-12 hours of printing, the machine is opened up to remove the cake.

Cake is transferred to the unpacking station where it cools down approx 6-12 hours.

Once the cake’s temperature is below 40°C (104 F) it can be broken apart.

The cake contains the 3D printed parts.

The cake is broken apart and the parts appear.

Final parts are cleaned with glass media.
3D Printing For Automation

The 3 Mayor Groups

End of Arm Tooling

Custom Gripping Devices & Hybrids

Smart Nests for Fixtures
End-Of-Arm Tooling

Printed Vacuum EOATs

Vacuum EOAT in production
End-Of-Arm Tooling

EOAT with printed ID Gripper
Custom Gripping Devices & Hybrids

Printed ID Gripper

Custom Gripping Device

Printed Funnel Attachment

Printed Parallel Gripper

Printed Contour Block for Gripper Finger
Custom Gripping Devices & Hybrids

Needle Gripper made from Aluminum

Printed Needle Gripper

250 g

160 g

Printed Needle Gripper in an EOAT
Smart Nest

Printed Nests with vacuum cups in a cutting fixture
Smart Nest

Printed Nests with internal vacuum channels
For positioning parts in an EOAT
Smart Nest

Parts Nest in Insert EOAT
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