



End of Arm Tooling

FDM® For Robotic End of Arm Tooling

A robot's end of arm tooling (EOAT) is specific to the task it will perform, such as gripping, welding, painting or sensing. Although there are standard, off-the-shelf EOATs, robot integrators often need customized solutions to engage uniquely shaped parts, optimize operations and improve productivity.

FDM Technology™ makes custom EOATs practical by avoiding the time and cost associated with traditional machining. EOATs can be produced quickly and affordably, from stable, durable, and lightweight thermoplastics. Custom EOATs can also be optimized with features like integrated vacuum channels, hollow interiors and organic shapes because FDM Technology eliminates the design constraints imposed by machining.





UNIQUE BENEFITS OF FDM

Average lead time savings:

- 70% - 85%

Average cost savings:

- 75% - 85%

Greater performance:

- Lightweight/low mass
- Optimized designs
- Impact dampening
- Non-marring
- Increased velocity
- Extended preventative maintenance cycles

Greater design freedom:

- Internal vacuum channels
- Consolidated assemblies
- Complex geometry
- Integrated components

Rapid response:

- In-house fabrication
- Redesign as needed
- Reduced downtime

To experience FDM, please contact your local Stratasys® reseller.

Visit our website at stratasys.com.

Email us at info@stratasys.com.

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Typical time and cost savings derived from numerous end-user analysis, testimonials and feedback. Actual savings may vary based upon numerous factors, including traditional time/cost, part geometry and utilized technology.