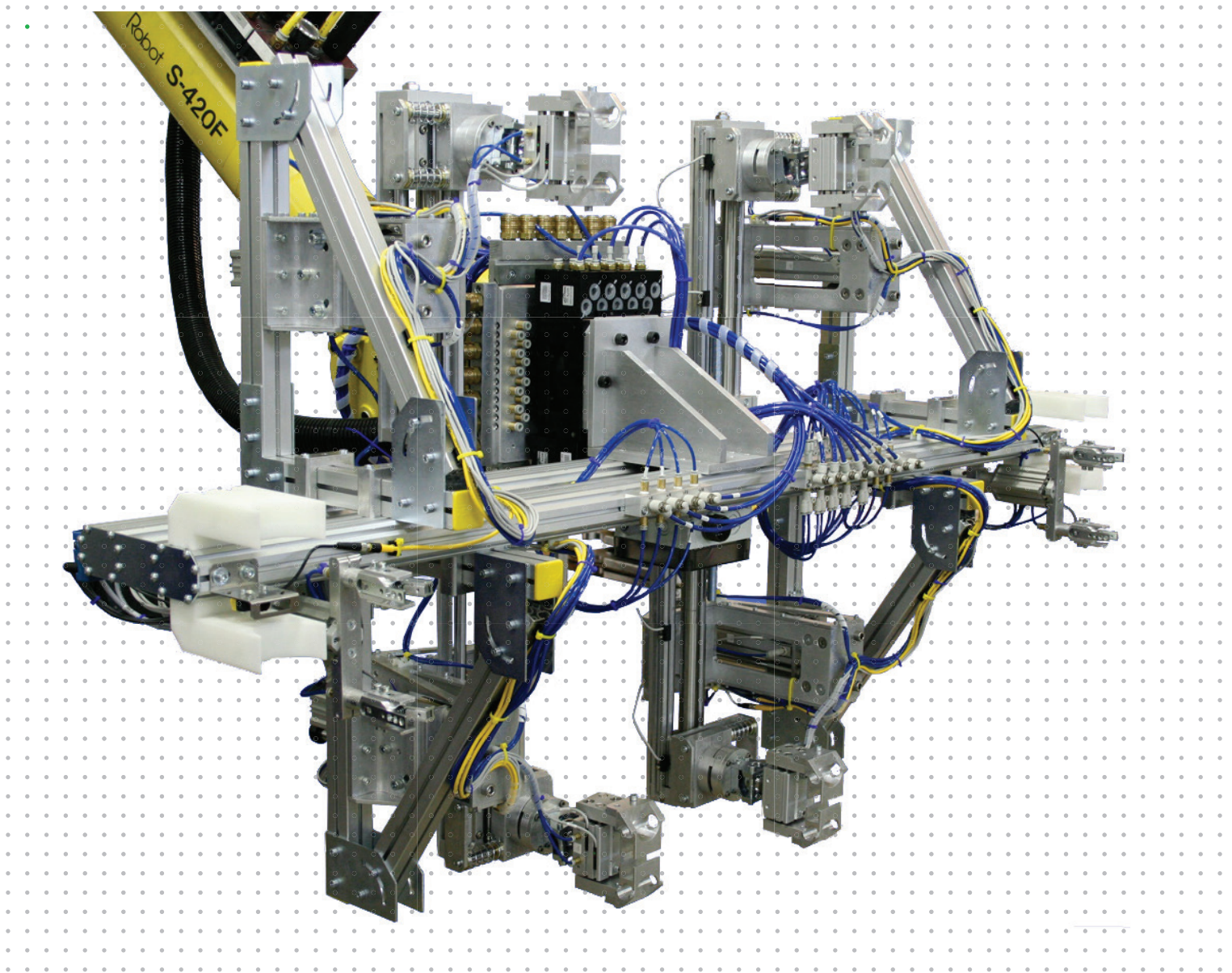


Custom and Standard Robotic End-of-Arm Tooling

PLASTICS



Advanced EOAT Solutions for Injection Molding Manufacturers

Provide end-of-arm tool (EOAT) solutions ranging from complete end of arm tools to modular component solutions that allow customers to solve automation challenges real time on the manufacturing floor. Our modular component systems provide a level of EOAT customization and ease-of-use that exceeds most of our customers' automation requirements. But if you're a plastics manufacturer who needs even more precision and control, our made-to-order tooling designs will help you reach unprecedented efficiency and productivity.

We have also partnered with most leading automation companies. SAS is ISO 9001:2015 Quality System Certified for quality assurance. EOAT components are proudly engineered and built in one of our world class, state-of-the-art production facilities.

+ INNOVATION

We are only as good as our ability to solve our customers' challenges. Piab is dedicated to more than supplying end-of-arm tools and components; we are dedicated to developing new solutions that drive our customers' success.

+ EXPERTISE

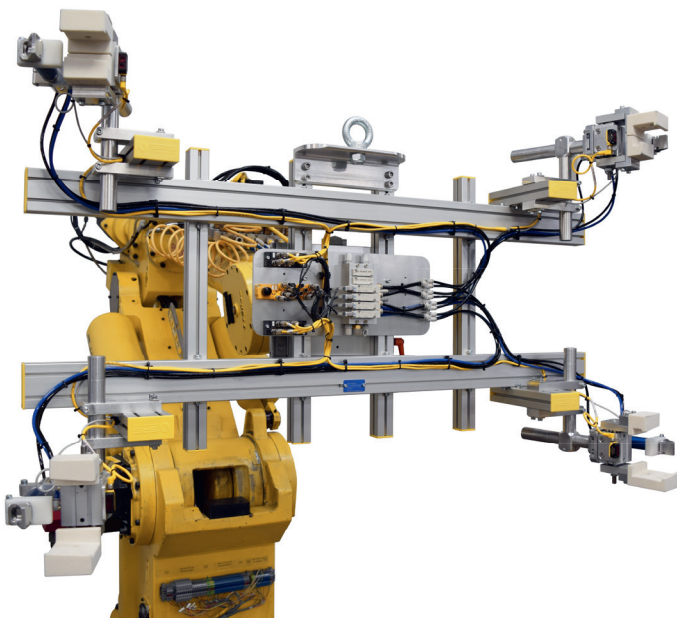
We can only consider ourselves experts if we are first humble learners and explorers. We listen to our customers. We focus on learning more about our craft. We practice and test until we get it right. We set high standards for ourselves.

+ PRECISION

Our components and tools work because we pay attention to details. Successful automation requires precision to accommodate the size and weight of the products being moved. We must also be able to handle the right speed, plus a variety of materials and shapes. Successful automation is a complex business that requires a dedication to precise execution.

BENEFITS

- Reduced cycle times by producing consistent parts thus saving on personnel costs
- Increase productivity through collaborative innovative thinking
- Our modular and custom components fit on any make or style of robot
- Simplify configuration using our fully-assembled or custom component kits
- Modular components make changeovers quick and simple

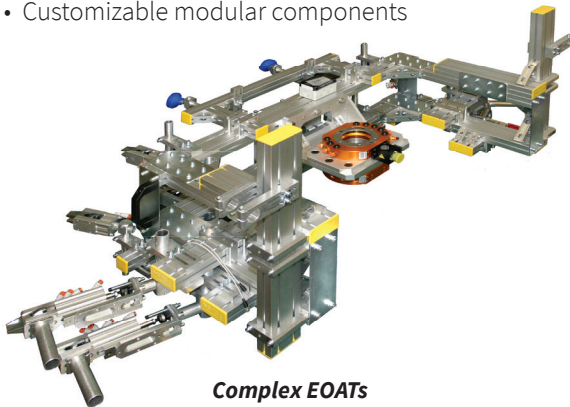


EOAT FOR COMPLEX PLASTIC APPLICATIONS

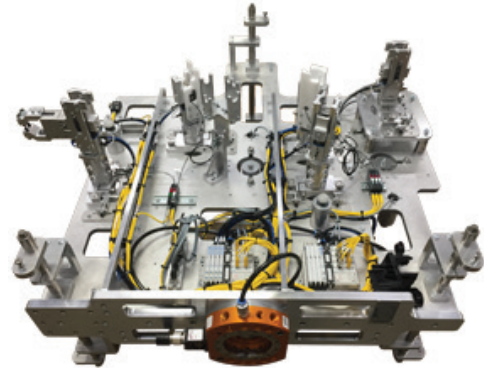
We take pride in our ability to engineer and design EOATs for almost any application related to de-molding plastic parts. With more than 20 years of experience solving complex to quick turn customer end effector applications, our team of professional tool designers will customize you the right tool for the job.

- Durably built using high-quality materials
- Leading edge innovative technologies
- Customizable modular components

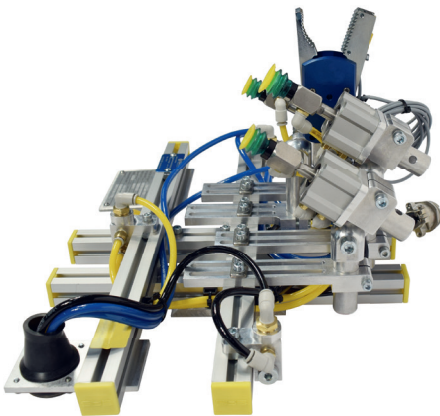
- Trusted installation, training, and service
- Quick turn simple tools



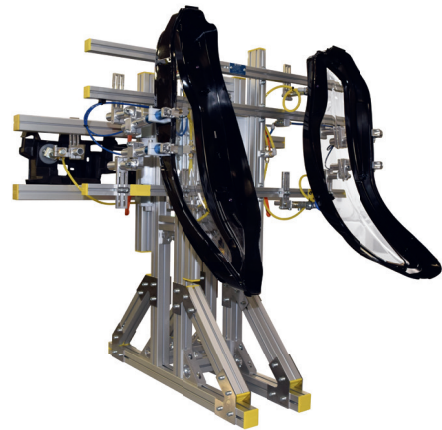
Complex EOATs
Tooling fully customized to your unique application



Complex EOATs



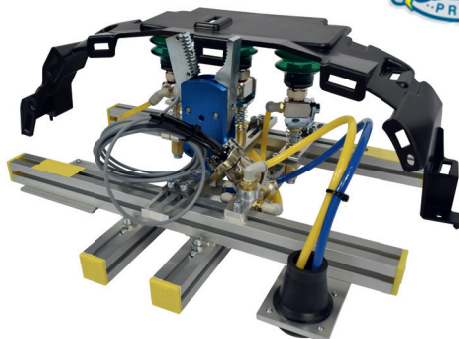
Complex EOATs
Durable and reliable construction



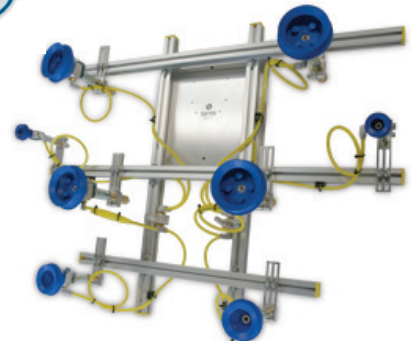
Complex EOATs

EOAT FOR SIMPLE PLASTICS APPLICATIONS

Your company needs a simple end-of-arm tool to pull a plastic part out of a mold. Our QuickTool program has been specifically structured to get simple tools out the door in 1-3 weeks depending on your needs.



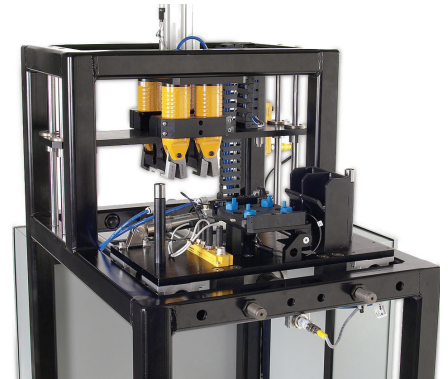
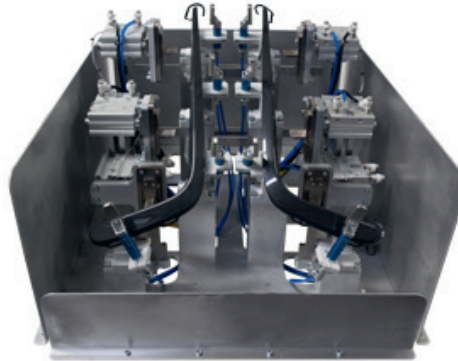
Simple Quick Tools



Simple Quick Tools
Available in 1-3 weeks

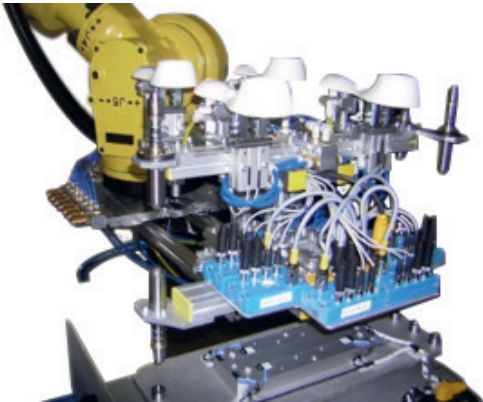
DEGATING AND CUTTING FOR ON-TOOL AND STAND-ALONE STATIONS

SAS offers degating and cutting tools to cover a whole variety of cutting situations, ranging from basic to highly sophisticated including hand cutters, pneumatic cutters, EOAT mounted cutters, and standard and custom degaters.

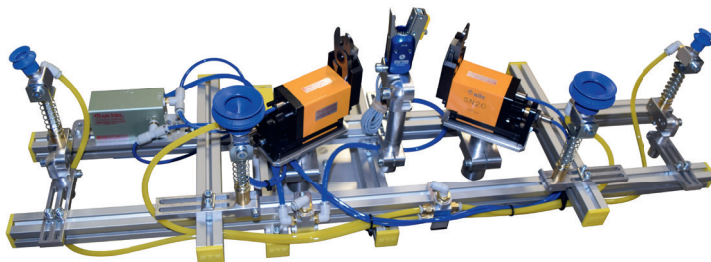
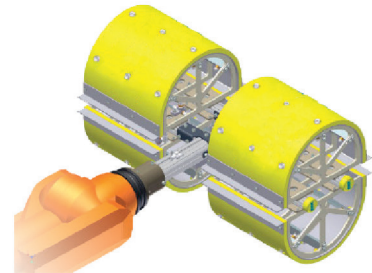


Degating and Cutting Stations
Available for on-tool and stand-alone applications

INSERT MOLDING EOAT FOR PLASTICS INJECTION MOLDS



INSERT MOLD LABEL (IML) GRIPPER



Easy To Configure, Install And Changeover



Bumper Tools