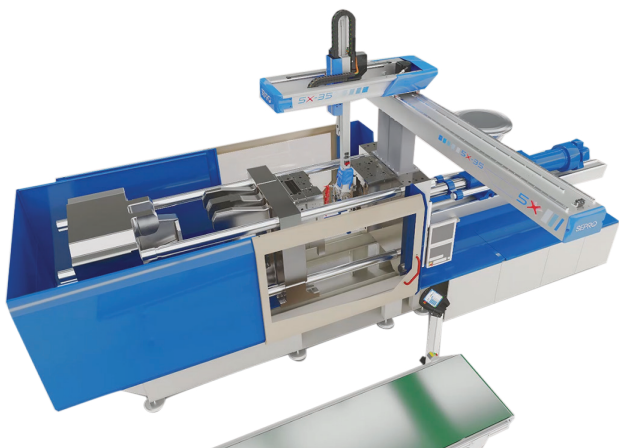


# OptiCycle

This wizard reduces overall cycle time  
on all your IMM's equipped with Sepro robots



Optimizing a robot's in-and-out cycle requires programming skills that are not always immediately available. Finding and training the right people takes time and money. As part of a company-wide effort to address the critical needs of today's molders, Sepro has developed a solution: **OptiCycle**.

# WHAT IS OPTICYCLE?

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The OptiCycle app helps operators optimize robot movements and reduce overall production times.

Optimizing a robot's in-and-out cycle usually requires expert programming engineering skills. Opticycle uses a simple wizard that asks users to answer a few questions and identify critical points in cycle. Then the app optimizes the robot's movements.

MOLD  
INTERVENTION TIME  
IMPROVEMENT




up to **40%**

IMM CYCLE TIME  
IMPROVEMENT

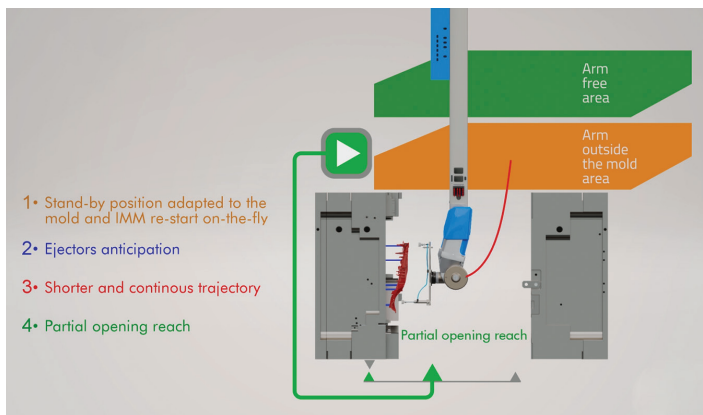


up to **5%**

When applied to [existing robot](#) programs, OptiCycle can reduce robot cycle time (in and out) by up to 40 percent and total cycle time by up to 5 percent, delivering a corresponding increase in productivity.



## HOW DOES IT WORK?



## WHY CHOOSE OPTICYCLE?

- Because it can be used by programmers of **any skill level**, OptiCycle contributes to greater productivity.
- At the same time, it can be used as a programming support tool that helps to **improve consistency and quality** organization-wide.
- Optimized programs developed using OptiCycle can be **stored and shared** across manufacturing networks for use with other robots.

# FOR WHICH CONTROL PLATFORM?

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The OptiCycle plug-in automatically optimizes the in-mold cycle time on Sepro's control platforms :

- Touch 2
- Visual 2
- Visual 3



# HOW TO USE OPTICYCLE?

Simply answer few questions about your application



Teach the robot key points  
Your program is ready to run !

**GO!**



- The operator only has to answer a few questions and teach the main points in the Visual software and OptiCycle can automatically create a more efficient robot cycle.
- OptiCycle also offers suggestions for optimizing end-of-arm-tooling (EOAT) and injection-molding machine strokes.

# AVAILABILITY?

- OptiCycle will be available as option on all new machines.
- Retrofit for existing robots equipped with Touch 2 and Visual controls can be arranged through Sepro customer service.
- Available on 3- to 5-axis linear robots

