

NEWSLETTER



INSIGHT INTO FORESIGHT

BIHLER KINEMATICS

Foresight invested in Bihler's Kinematic Express Software in 2025. This technology expanded our ability to design tooling for Bihler equipment (stamping, forming and assembly systems). Using this application, we can create designs from inception, or provide advice that improves upon existing processes. We use the software to carefully plan timing charts for modern servo equipment or older mechanical machines. The software is used in conjunction with SOLIDWORKS, LogoPress and other applications. Foresight staff and external resources have tool design, build and machine operating experience. Foresight continues to maintain a working relationship with Bihler of America Design Engineers. This partnership provides yet another layer of confidence that we can quickly and accurately provide advice and tool designs through and with Foresight™.

FORMING FUNDAMENTALS

COIL CROWN

For new projects or existing challenges, provide your material supplier with the material (coil) width, thickness, and the applicable material standard, while requesting the expected maximum crown condition. If the anticipated value is not below the finished product flatness tolerance, provisions should be incorporated into the tool or subsequent production processes. If these provisions seem insufficient, vested parties should consider modifications to the product design, or limitations to its intended use. In both situations, your material suppliers may be able to influence the crown of the material. During production of coil steel (including strips or blanks originating from a coil), the crown is impacted by multiple process variables and machine adjustments. Without awareness or definition, the amount of crown can vary significantly from coil to coil, even if produced within the same heat. This variation can add significant instability in the production process. It is vital to discuss this during the early stage of the tool and product development. It provides an opportunity to understand the cost of adding constraints to the order specifications of the production material. With a little foresight and simple math, profitability and productivity can be ensured by comparing this cost to potential process modifications, tool provisions, and anticipated downtime. Coil crown is typically not something that can be influenced with standard production straightening equipment which makes this assessment vital. Coil set can be influenced as a coil is unrolled. Coil set will be the topic for discussion in our next issue.



INSPIRATION FOR INNOVATION

IMPOSSIBLE?

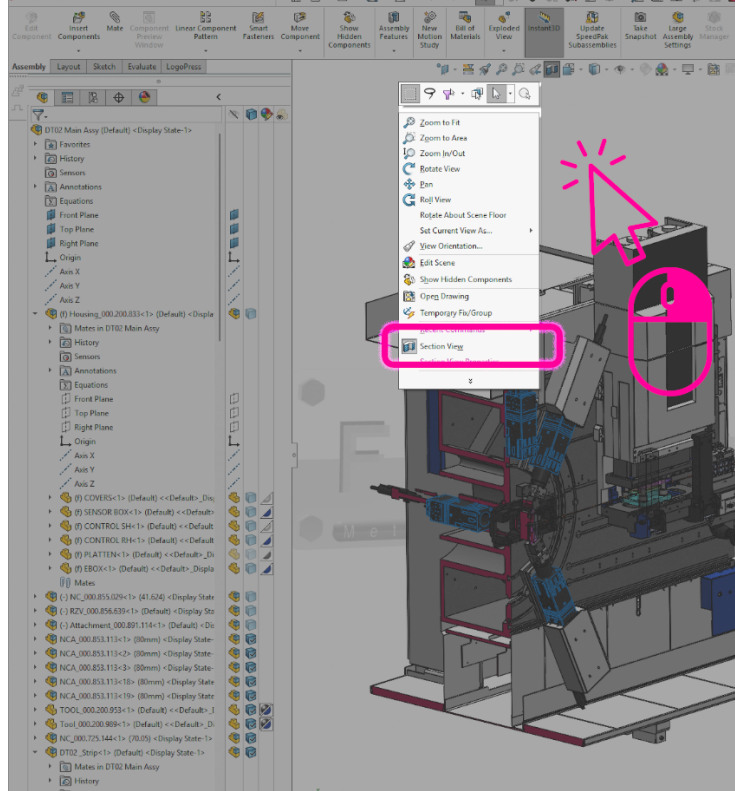
Henry Ford once said, "Impossible means you haven't found a solution yet".

Working with Foresight inspires possibilities and fosters growth and innovation.

TECH TOOLS

3D SECTIONS

Do you need to adjust a 3D section view in SOLIDWORKS? After clicking the "OK" check in the confirmation corner, you might find yourself exiting and restarting the section view property manager to make an adjustment. Skip this time-consuming step by right clicking in the graphics area and selecting "Section View Properties." The property manager will reopen and you can edit the settings where you left off.

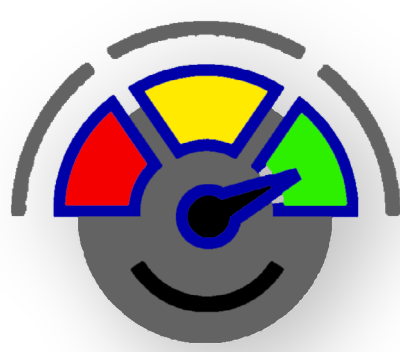


INCENTIVES FOR YOUR INPUT

5 HOURS FOR 5 MINUTES

Help us expand our network by engaging us in a 5-minute introduction conversation with one of your partners, suppliers, or customers. They must not already be acquainted with Foresight and be able to benefit from Foresight's services. We will award you with 5 free hours of virtual support related to a task or project of your choice!

- 1) Must be a current subscriber of our newsletter.
- 2) Support hours valid for use only in May of 2026.
- 3) Quote and PO outlining project scope discounted to a \$0 value may be required.
- 4) Scheduling of support hours, support content, and performance are subject to the discretion of Foresight™.



DESIGN SERVICES

LATE START?

Let us help create a plan to get you back on track. Our review services can help eliminate costly oversights. Our design services can help you up lost time. You get all of this packaged with innovation and experience, delivered with Foresight.



COST MANAGEMENT

PERFORMANCE

TIME IS MONEY

Money does not buy time; that is, without Foresight™. Our innovative mindset defines ingenuity and can help create solutions when obstacles exist. We cannot really buy time, but with a different perspective, we can make a difference in your cost savings.

EXPERIENCE COUNTS.
COMMUNICATION MATTERS.