

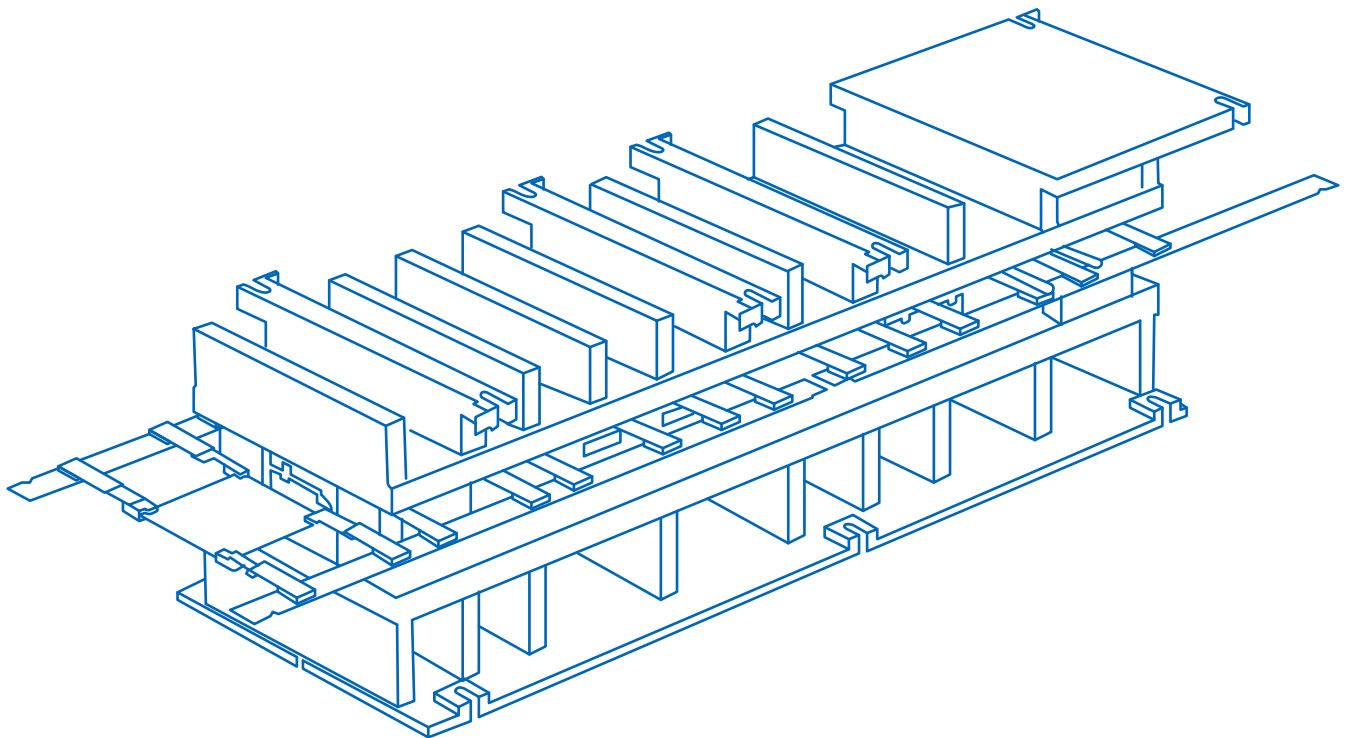
# LONGTERM TECHNOLOGY SERVICES INC.

Your Dedicated Siemens CAD/CAM/CAE Solution Partner

Dynmik Design

Die for NX™

**Motion Simulation**



[www.longtermtec.com](http://www.longtermtec.com)

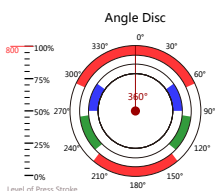


This start-of-the-art application provides a user-friendly interface for simulating motion and interaction of individual mechanisms or complete die systems. It helps save time and money, verify design feasibility and achieve desired production results.

## Do you struggle with any of these challenges?

- Having difficulty with verification of your creative and unique mechanisms for handling complicated parts
- Costly design errors during assembly or during trial period
- Having a hard time explaining design details to your customers during the design review stage
- Your customer does not always have experience understanding your design concepts
- Finding a quick way of training your newly hired designers to help understand die design applications
- Your design lead time is extended by having to rely on a third party for handling die transfer system designs
- Finding a way to optimize designs for increasing Strokes per Minute (SPM), especially for transfer die applications

If yes, then we have a unique solution to address your challenges: Dynmik Design

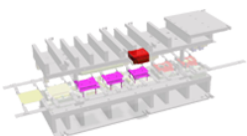
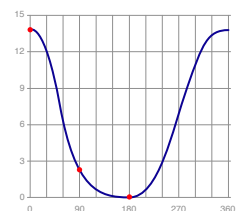


### User-Friendly

With very little training, Dynmik allows users to easily modify all motion parameters and run simulation in NX. This helps shorten design time and promotes quicker implementation.

### Optimize Press Parameters

Get accurate press setting parameters for your production. Analyze velocity and acceleration of both tools and transfer systems and optimize the Strokes per Minute (SPM) to meet your customer requirements.



### Collision Checking

Check designs for potential interference conditions to avoid costly damages caused by collisions. Dynamically present verified designs to customer with motion animation simulating a complete production cycle.

## User Benefits

- ✓ Easy-to-use interface requires limited training
- ✓ Verify complex mechanisms for handling complicated parts
- ✓ Get accurate press setting parameters for your production
- ✓ Analyze velocity and acceleration of tools and transfer systems
- ✓ Perform all tasks within Siemens NX™
- ✓ Determine and optimize Strokes per Minute (SPM) to meet customer requirements
- ✓ Check designs for potential interference conditions to avoid costly damage caused by collisions
- ✓ Dynamically present verified designs to customers with motion animation, simulating a complete production cycle

## Business Benefits



Increases Profits



High ROI



Eliminates Errors



Improves Quality



Improves Lead Time



Provides Competitive Edge

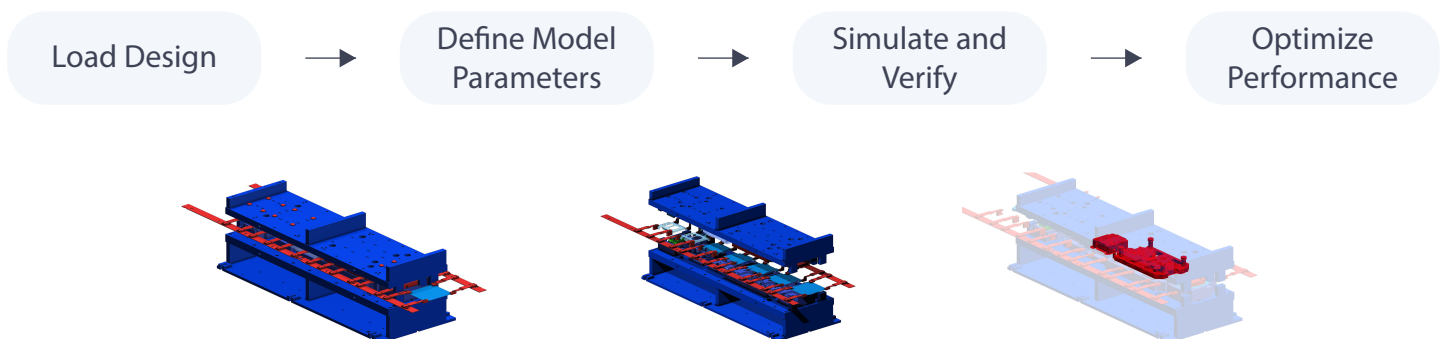


Quick Implementation

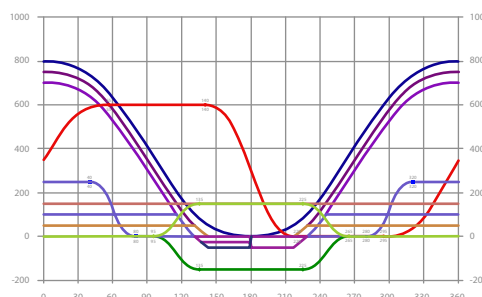
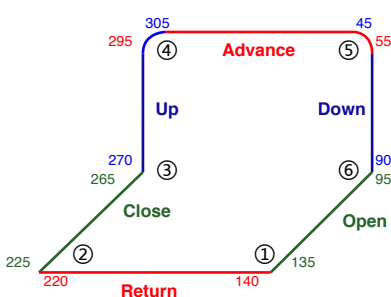


Requires Limited Training

## Workflow



## Motion Curves



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