

TRAINING SOLUTIONS

Radbend Essentials 2 – Day Course

DESCRIPTION: Learn the fundamental functionality of Radbend CNC for off-line programming of press brake machines and 3D simulation of the bending process.

PREREQUISITES: Working knowledge of computer systems.

Course Outline

- Getting Started
 - Press Brake Machine Components
 - Starting Radbend CNC
 - Radbend User Interface
- Lab Exercise – Example 1
 - Process Overview & View Controls
 - 3D Import
 - Sequence
 - Machine Selection
 - Tooling
 - Finger Stops
 - Simulation
 - Compile
 - Setup Sheet
- Lab Exercise – Example 2
 - Manual Sequencing of Bends
 - Collisions
- Lab Exercise – Example 3
 - Creating Standard Tool Set-ups
 - View Controls
- Lab Exercise – Example 4
 - Re-sequencing
 - Tool Setups – Assign/Move/Delete
 - Manually Changing Tooling Lengths
- Lab Exercise – Example 5
 - Splitting Bends
 - Two Step bending
- Lab Exercise – Example 6
 - Materials & Material Databases
 - Finger Stops
- Lab Exercise – Example 7
 - Hems
 - Multi-step Bending
- Creating RadbendCNC Tooling
 - Creating Punch Entry
 - Geometry Utility
 - Creating Die Entry
 - Heel Tools
- Tool Selection Options
- Finger Stop Selection Options
- Collision Detection Options
- View Options
- 3D File Import & Bend Parameters