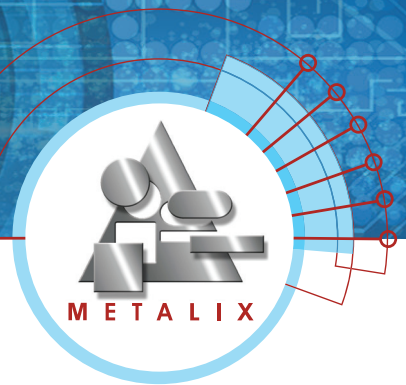
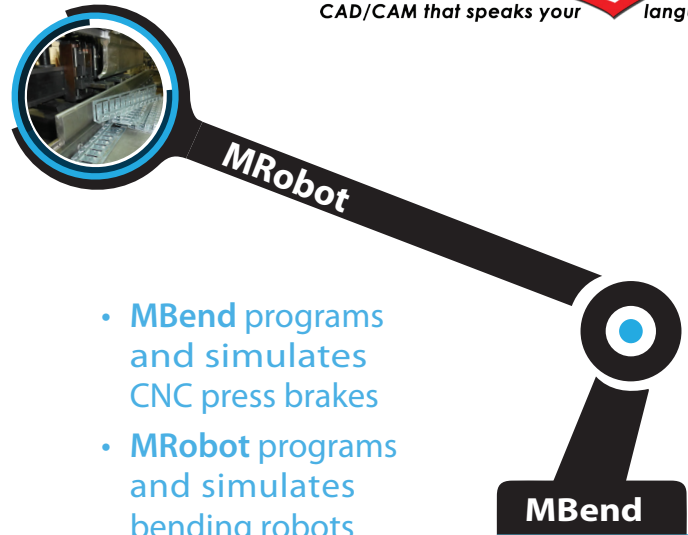


# MRobot



*machine* ✓ *language*  
CAD/CAM that speaks your language™



**MRobot** is a module for simulating and programming robotic bending cells.

- **MBend** programs and simulates CNC press brakes
- **MRobot** programs and simulates bending robots

Building on the power of **MBend's** automatic tooling and sequencing features, **MRobot** offers

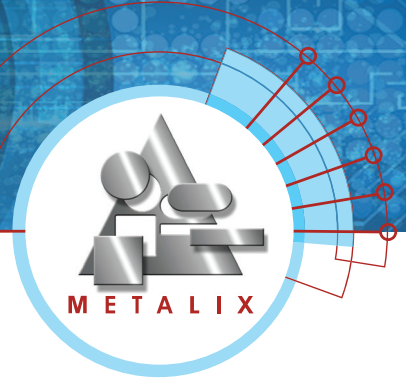
- Fully automatic gripping and path calculations
- Interactive gripping with graphical feedbacks
- Manual path adjustments using control points
- Support for grippers with vacuum/clamp combinations
- Support for cells with rails
- Generation of NC code for both machine and robot
- Generation of NC code that guarantees coordinated interaction between robot and brake for smooth production
- Fast and easy calibration

You can easily create a new bending cell by selecting components (including brake, robot and peripherals) from a catalogue of pre-configured components, as well as import new components. Once you select your cell's elements, you can position them according to the physical layout of your cell. You can also use **MRobot** to configure your cell layout, testing the validity of different positions for the various elements of the cell.

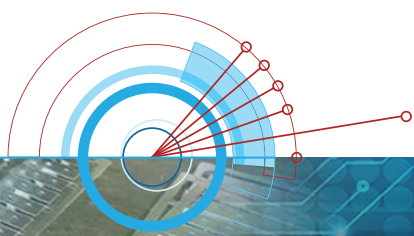
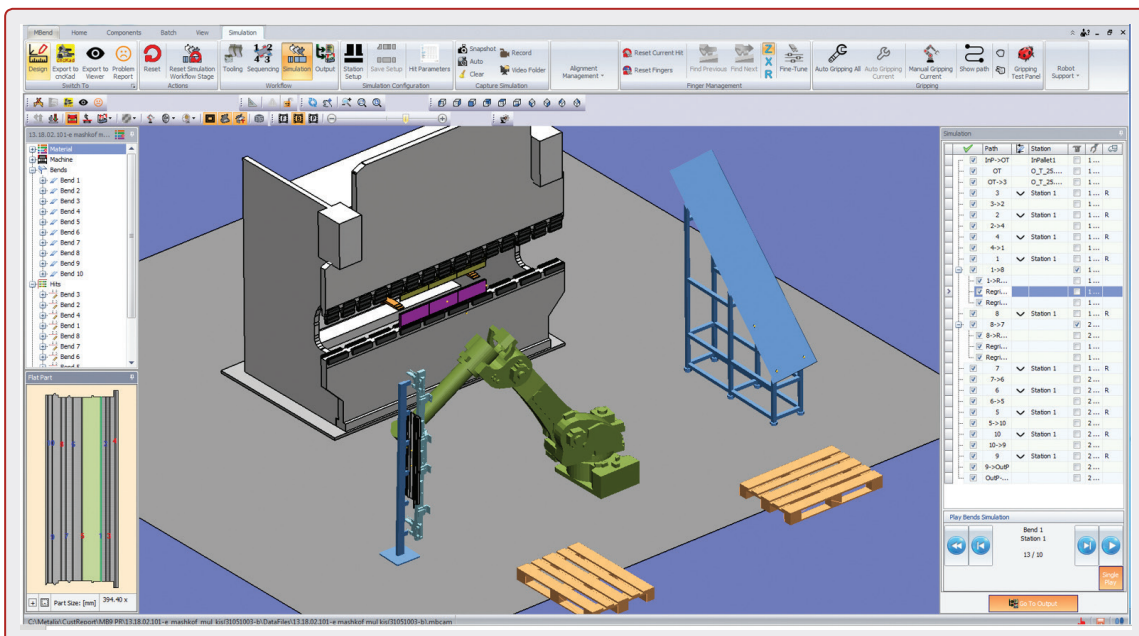
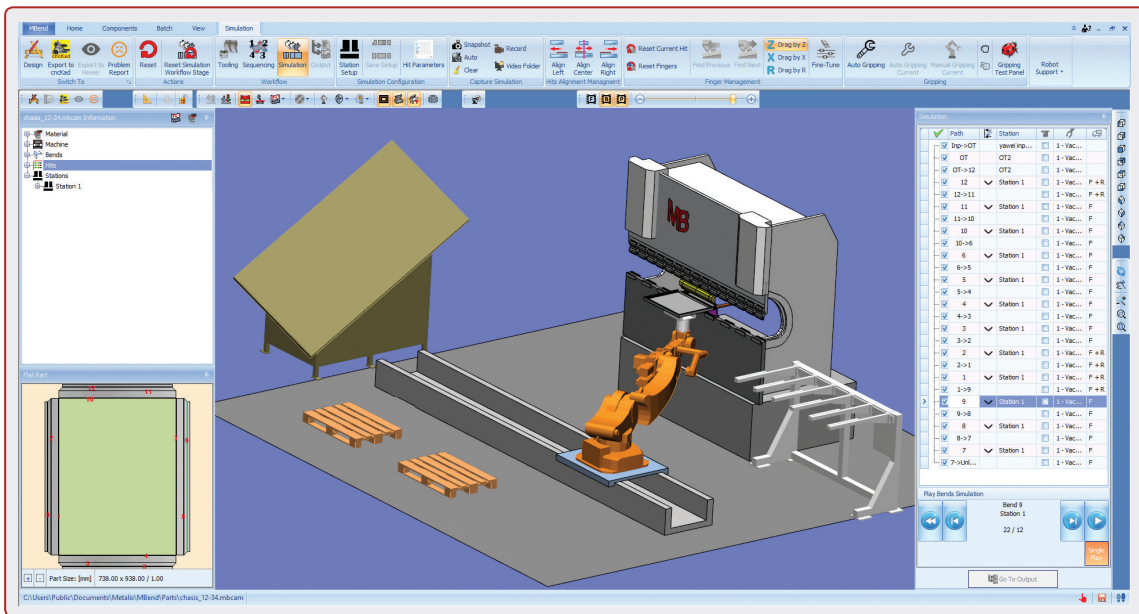
**MRobot** is currently compatible with Kuka® and Yaskawa® robots, with more under development. As an extension to the **MBend** software, these robots can interface with most press brakes, allowing great flexibility in cell management.

[www.metalix.net](http://www.metalix.net)

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