

What is it?

It is a robot based milling machine.

Thanks to great CAM and simulation software the programming is as easy as programming your regular cnc machine and completely offline. There is no robot teaching involved whatsoever.

What are the main differences between robot based and conventional portal based milling machines?

The robot is much more flexible in motion and it covers a far greater working space at a comparable price than a portal based milling machine. It is mechanically not as rigid and can therefore not machine anything harder than aluminum. Since the robot is based in the middle of a cell it can machine different kinds of parts on different tables that employ different clamping mechanisms. For instance a spoilboard table on one side and a suction cup table on the other.

When is it right for you?

If you want to machine a great variety of rather difficult and voluminous parts in small lots.

When is it not right for you?

If output and machining time is way more important than an affordable machining center. If your parts are small and flat.

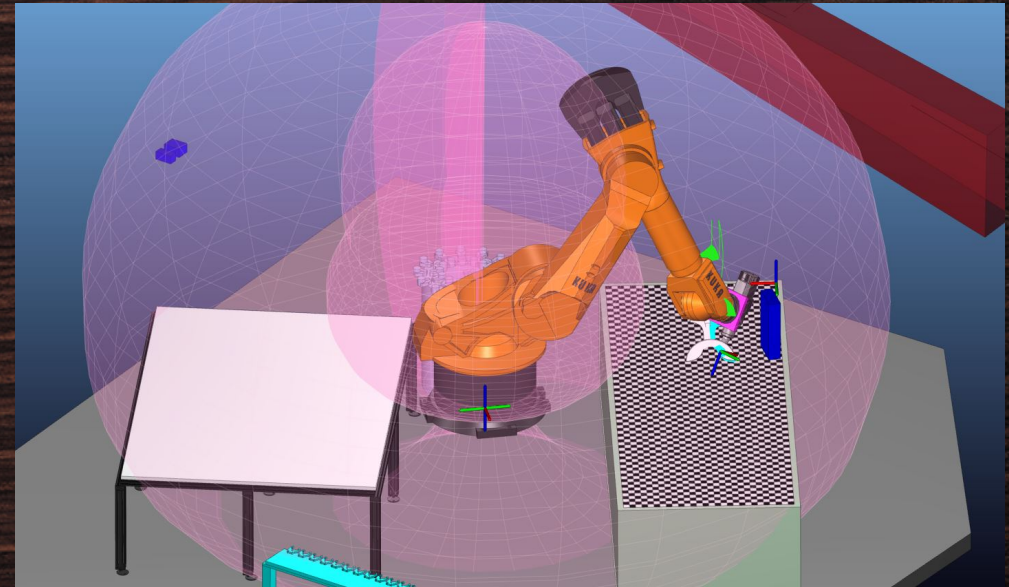
What can we do for you?

Machine difficult **parts** that are complicated or just not “flat enough” for conventional machining in wood, foam or plastics. We can import common data formats. Our current cell setup allows us to machine parts up to the following dimensions: 6000mm in length, 2200mm in width and 2000mm height. (These are the maximums for all dimensions. Because of the geometry of the robots working envelope not all those maximums can be combined per one workpiece.)

Help you **conceptualize, visualize, build and set up your own robot machining center** and train your staff.

Need more information?

Don't hesitate to contact us at martin@eigenstetter.com!



Walk through the work flow:
http://www.youtube.com/watch?v=hj_zdhXEqOA