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## RAS TURBObend Folding Machine



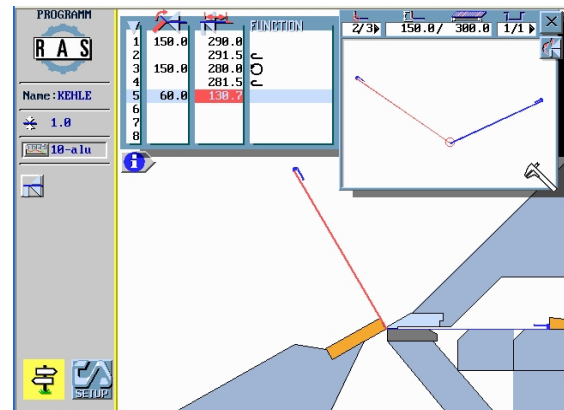
1.8 seconds. The upper beam can start to open while the folding beam moves down.

This speeds up the folding sequence and will give you more finished parts every hour. Even more amazing is the automatic adjustment for material thickness changes. Within 10 seconds the beam adjusts for a different material thickness without operator involvement.

**The TURBObend metal folding system is the perfect machine for the roofing and architectural market. It bends mild steel blanks with a thickness of up to 1.5 mm.**

The 15" Touch&More control is extremely simple to operate. With the revolutionary RAS programming the operator can use his finger as a pencil. He simply paints a flange and sizes it to the right dimension and angle. He can see the shape of the finished part on the screen. The CADalyzer automatically creates the program using the part drawing. A bend sequence simulation shows if the part can be produced. The CADalyzer shows the program, the finished part and the actual bend sequence all at a time.

The 1000 mm backstop and sheet support system positions the blank in less than 2 seconds to any dimension within 6 and 1000 mm. This allows the parts to be created quick, accurate and repeatable, and saves all the marking operations that are still common in some shops.



All machine components are designed extremely stiff and torsion free being optimized using Finite-Element-Methods. Therefore a 10 mm folding blade can bend up to 1.2 mm material. Only for thicker materials up to the maximum capacity you will use the second, 20 mm wide, folding beam tool.

And if you think the programming is fast, take a look at the folding beam. Moving at a blinding 80 degrees per second your pieces are folded fast and accurate. In addition the upper beam clamps the part starting from 120 mm in only