DELTA BENDER

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This project 'Delta Bender' aimed to solve one of the industrial bending process difficulties where the force and minimum radius or curvatures of bending are not flexible to adjust.

Minimum bended radius requirement play an important role in many industrial aspects such as the bended ring in metal furniture industry, round metal tube for hospital equipments and perhaps the seal titanium ring in nuclear weapons.

Unlike conventional "Bender", where only the middle shaft can be adjusted during bending for the purpose of controlling different curvatures or radii of the bending products, the curvature or radius of the product to be achieved is limited. With the new design of 'Delta Bender', which has the capability of adjusting all the three shafts to vary the radius or curvatures of bending, as such, the tubes or profiles minimum bended radius can be bended as small as possible.