

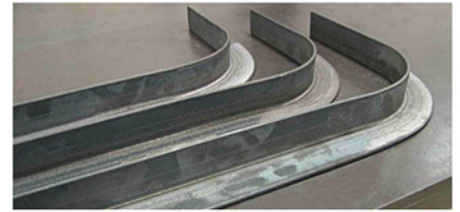
ERCOLINA — KEEPING IT SQUARE

Anyone who has tried to bend angle material knows it is very difficult to keep the material square. The inherent problem with bending angle iron is preventing the material being drawn into the bend from twisting. A valued customer of CML USA wanted to fabricate a curved angle iron door frame for use on trailers. Although keeping the legs perpendicular when Rotary draw bending angle is a challenge, CML USA was able to provide this effective solution for the customer. The desired results were obtained by modifying existing tooling, fabricating a roller pressure die system, and inward support. The custom tooling enabled the material to be supported without twist and square of the legs was maintained with the roller pressure die during the bend. The resulting fabricated angle iron door frames fit squarely and snug to the opening.

CML USA provides a large assortment of standard radius tooling for pipe, tube and square profiles. Custom tooling applications

for rotary draw benders, ring roll benders and mandrel benders are always welcome with the intent of providing an innovative bending solution.

With over 40 years of experience coupled with the most complete bending machinery line CML USA is ready to assist you in your bending applications.



Sample of angle iron bent leg out.



Ercolina rotary draw bender with modified tooling and fabricated roller pressure die to support legs.



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Repeatable quality bends
in pipe, tube, squares,
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