

***MODIFICATION OF AUTOMATIC PIPE BENDING TOOL
WITH ADDITION OF ROTARY DRAW BENDING METHOD***

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ABSTRACT

With this pipe bending tool, it will make it easier to work or manufacture products whose type of work uses a pipe bending tool, such as in making tents, canopies, ellbows and others. As in the Plat and Pipe Workshop at the Department of Naval Architecture and Shipbuilding Engineering, Politeknik Negeri Bengalis, for now there is still no bending tool with the rotary draw bending method that is focused on bending local pipes, namely getting the desired special angles, therefore the author conveys the idea and design of the tool. pipe bender whose function is to facilitate pipe bending. In the planning process of making this pipe bending tool. can not be separated from the calculation, design, to assembly. From the tool to completion and the results of making this pipe bending tool, we can conclude how the manufacturing process has been determined according to calculations and planning.

Keywords : Bending pipe, Rotary Draw Bending