

Title (en)

Sheet metal folder, controller and method

Title (de)

Blechbiegemaschine, Steuerung und Verfahren

Title (fr)

Machine de cintrage de tôle, dispositif de commande et méthode

Publication

EP 1052034 A2 20001115 (EN)

Application

EP 00106272 A 20000322

Priority

NZ 33479099 A 19990322

Abstract (en)

A sheet metal folder includes a movable fold bar, an actuator to move the movable fold bar and a sheet position monitor which monitors the position of the folded portion of a sheet being folded. During folding, a controller moves the fold bar to a first fold position and retreats the fold bar to a position in which the sheet is no longer contacted by the fold bar. The current position of the sheet is then registered. A second fold position is calculated using the difference between the first fold position of the fold bar and the registered position. The fold bar is then moved to the second fold position. The sheet position monitor may involve a detector detecting the presence of a folded part of the sheet against the fold bar, with the current position of the sheet after the fold bar is retreated being registered by registering the position of the fold bar immediately the sheet no longer resides against the fold bar. <IMAGE>

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