

DURMA

Today Tomorrow Forever...

November 2017

NEW

NEWSLETTER

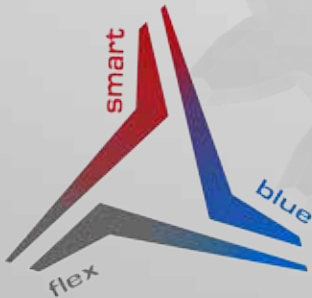
Again with innovations
Again with "FIRSTS"

Blue *bend*
PB 2280

'**DURMA** PANEL BENDER' The new member of **DURMA** brand which we produced for the first time in Turkey.

Perfect bending with maximum speed, safety, full automatic mold changing and minimum setting time.

User friendly **DURMA** PANEL BENDER, is ready to be your solution partner with its easy-to-use interface and its software that simplifies part programming.



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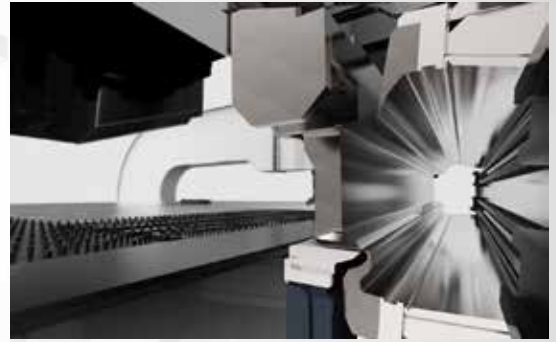


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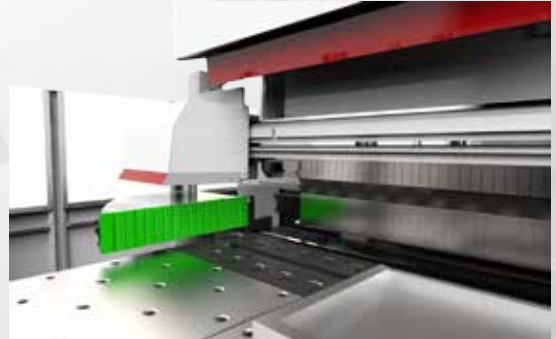
Bending Area

The bend occurs by negative and positive bending with the sheet bending tools compressed by the press tools. A minimum approach to the bending axis is achieved by bending and pressing tools with special geometries.



Loading / Unloading Device

Loading – Unloading device push the part which finished all of bending operations on it outside of the working area. In the same time it can bring the new unfold part center of the working area.



Manipulator - Clamp

Manipulator is the system that provides the management of the clamping the incoming sheet from the loading area between the lower and upper clamps. The sheet pressed between the clamps is first referenced by being imposed on the pins on the centering device, then clamps the twist according to twist steps.



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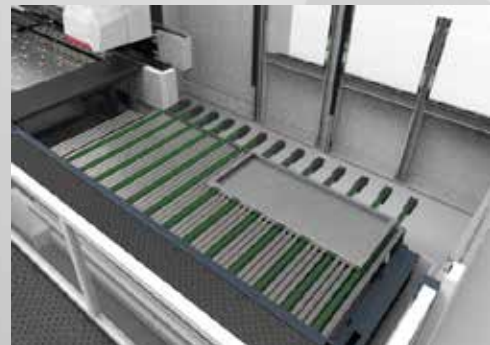
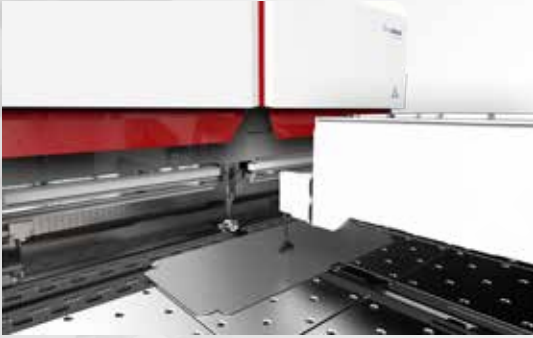
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Reference Pins Centering Device

The centering device by the reference pins and pusher are points of where we adjust the correct position of the sheet metal (unfold part) before manipulator clamps hold

Automatic Tools Set-Up

In order to bend components with different dimensions the upper tool needs to be changed; the option ATS make this operation automatic in 10-15 seconds.

The mechanism in the central holder device changes the combination of tools for fine variation, the two side robots change the coarse composition and move the end tools.

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