NEWSLETTER

DURMA

October2018 / 6

# Think inno – motive!

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NEW

## PANEL BANDER

blue bend



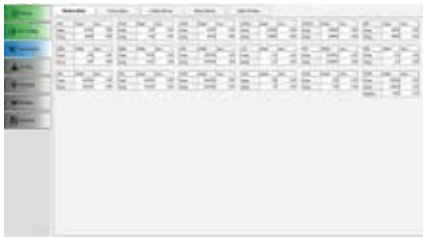
## PERFECTLY EQUIPPED FOR PRECISION BENDING ENERGYEFFICIENT SOLUTION

- Rapid Setup
- Clever Consumption
- Electrical Energy Savings
- Full Servo - Electric System
- Regular Production Independent the Operator
- Stabil Process << No Influence >> From the Machine Thermal Conditions

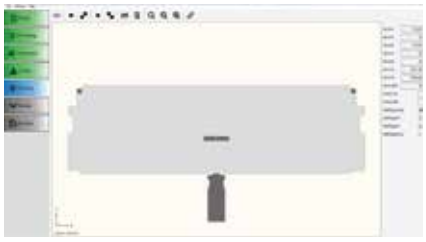
# blue bend CAM







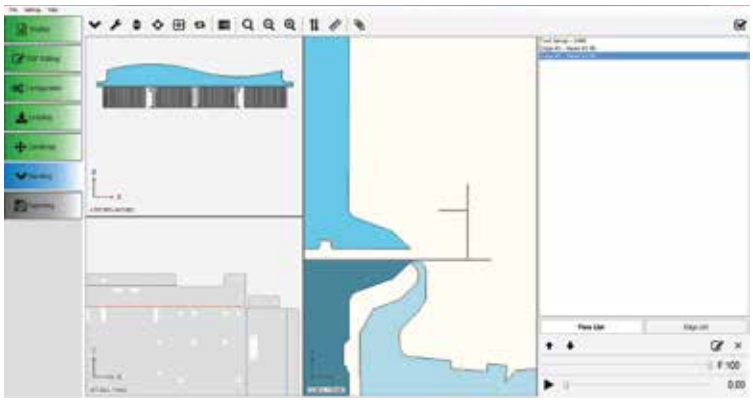






## Easy to Use Bending Management

- Step by step easy programming.
- Creating program directly from DXF Drawing.
- 14 Different material type
- Her bir standart için farklı, toplam 278 farklı materyal adı.
- For every each standart, totally 278 different material name.
- Sheet thickness and folio option definitions.
- Editing, cleaning on DXF Drawing.
- Automatic detection for bends, part floor, bending sides.
- Definition and editing for movement, axises, bend and material constants.
- Automatic calculation for loading parameters, shifting can be done if necessary.
- Referencing can be easly done with visual objects.
- Parametric corrections can be done if necessary. Positive, negative, auxialary, smash bend, big radius and air bend can be created with on click.
- Holder device tool management can be done.
- Recenter, cartesian, reposition can be done.
- Auxialary tool compositon can be done.
- Collision detection and machine simulation can be done.
- Bending scenerio can be followed step by step.
- Bending definiton window.
- Bend simulation.
- Bend program can be exported.
- All settings, bends can be saved and reused.



# blue bend HMI





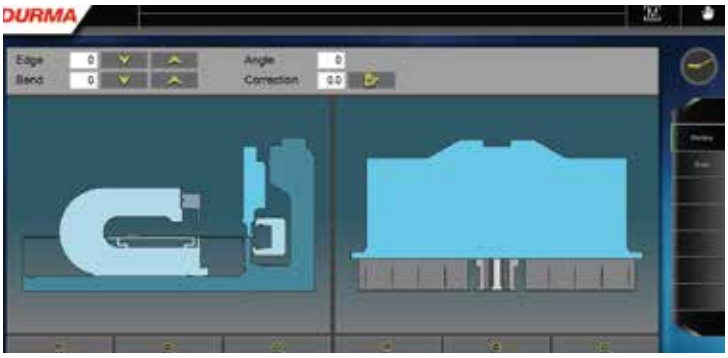






## User-Friendly interface and 2D simulation

- New bending programs can be added to tasklist, production counts can be setted, different parts can be produced. Bending programs can be loaded from machine memory of
- USB memory stick.
- Bend programs which are placed in the machine memory, can be viewed as folder tree.
- The part which will be bended can be previewed
- Passing through bending can be done.
- Machine axis positions can be viewed online with machine simulation
- Tool composition can be managed and previewed online.
- Machine switches and sensor can be viewed and managed
- online.
- Movement, axis, setup etc. Parameters of machine can be edited, backuped, exported.



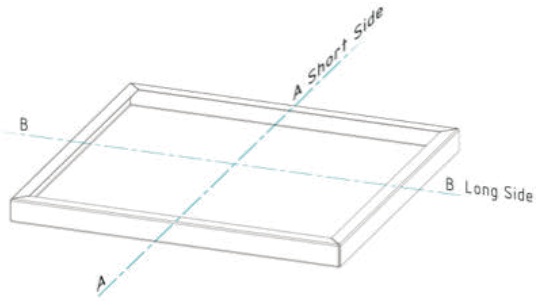


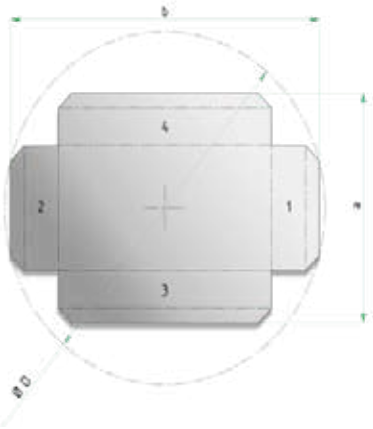

DURMA Cloud

- The selected program, production status, instantaneous speed and power of the machine can be monitored online.
- The final bending parts can be viewed from the panel display.
- All bending parts can be taken from the reports page.
- Details of bending parts can be displayed.
- Machine alarms are archived. Posture reasons can be examined

## Technical Specification

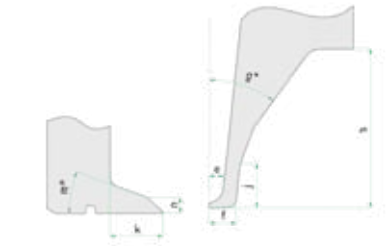
| | PB 2 | PB 4 |
|---|---|---|
| Max. Bending Length | 1500 mm | |
| Max. Sheet Entrance Length (Blanking) | 2250 mm | 2800 mm |
| Max. Bend Width | 1524 mm | |
| Max. Sheet Entrance Length (Blanking) | 2250 mm | 3050 mm |
| Min. Bending Width | 150 mm | |
| Min. Bending Length | 350 mm | |
| Min.Edge Bending Depth | (4..5) x s | |
| Max.Edge Bending Depth | 254 mm | |
| Max. Bending Length | 50 mm | |
| Maximum Rotatable Diameter | 3300 mm | |
| Bending Force | 320 kN | 500 kN |
| Holding Force | 520 kN | 1000 kN |

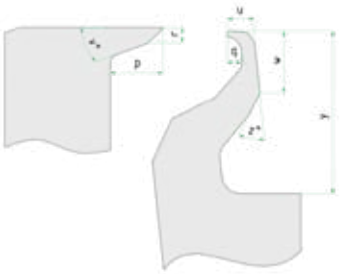


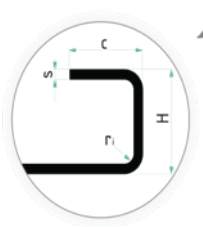

| Maximum Sheet Thicknesses | | |
|---|---|---|
| For Fe 410 N / mm² Material | 2,5mm | 3,2mm |
| For Inox 600 N/ mm² Material | 1,8mm | 2,2mm |
| For Aluminum 260 N/ mm2 Material | 3,5mm | 4mm |
| Minimum Sheet Thickness | 0,5 mm | |
| Maximum Bending Angle in Single Hit | ± 135° | |

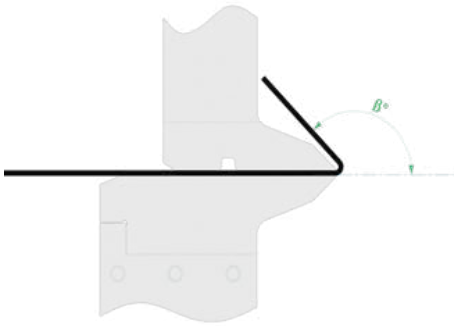




| | | | |
|---|---|---|---|
| Upper Blade | e | mm | 7,5 |
| | f | mm | 14 |
| | g | ° | 36° |
| | j | mm | 23,5 |
| Lower Blade | u | mm | 14 |
| | q | mm | 7,5 |
| | w | mm | 32 |
| | w | mm | 32 |
| Upper Tool | k | mm | 55 |
| | n | mm | 15 |
| | m | ° | 20° |
| Lower Tool | r | mm | 15 |
| | p | mm | 55 |
| | v | ° | 20° |




## Some Exaples of Bending

