

Think inno – motive!
Think inno – motive!

PANEL BANDER

blue bend

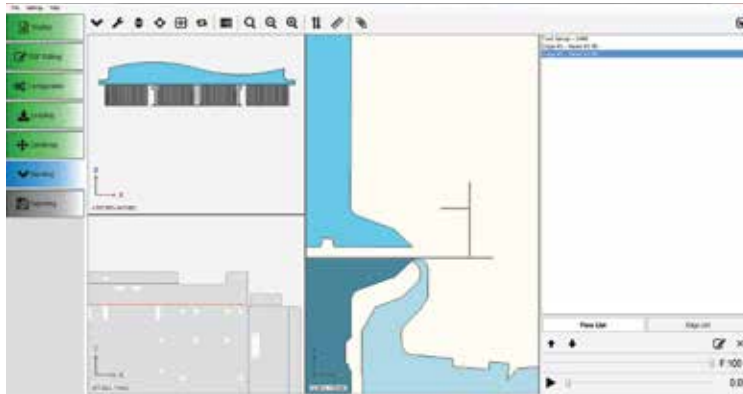


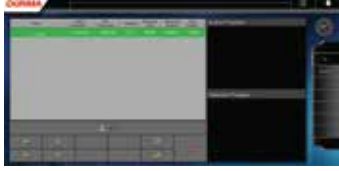
PERFECTLY EQUIPPED FOR PRECISION BENDING ENERGYEFFICIENT SOLUTION

- 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

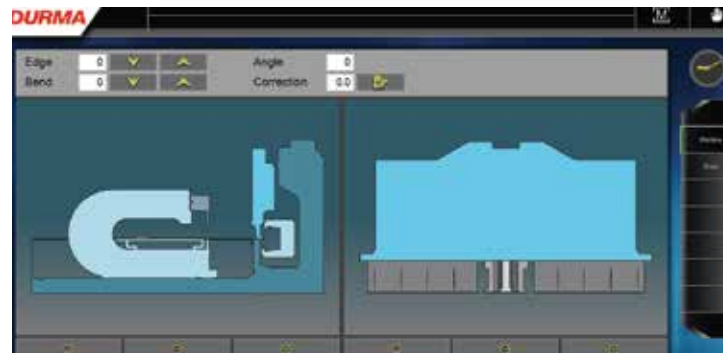
blue bend CAM**Easy to Use Bending Management**

- 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, axes, bend and material constants.
- Automatic calculation for loading parameters, shifting can be done if necessary.
- Referencing can be easily 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**

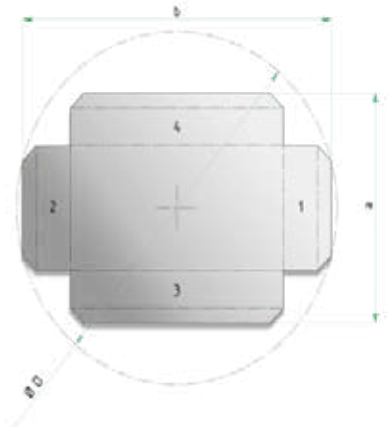
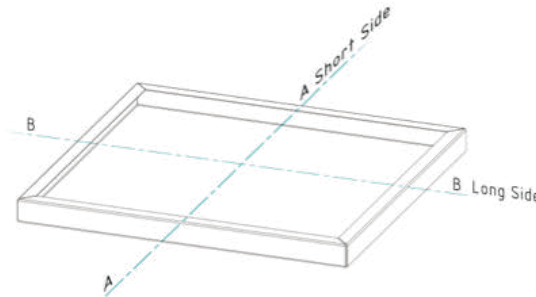
- New bending programs can be added to tasklist, production counts can be set, different parts can be produced. Bending programs can be loaded from machine memory of USB memory stick.
- Bend programs which are placed in the machine memory, can be viewed as folder tree.
- The part which will be bended 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, backedup, exported.



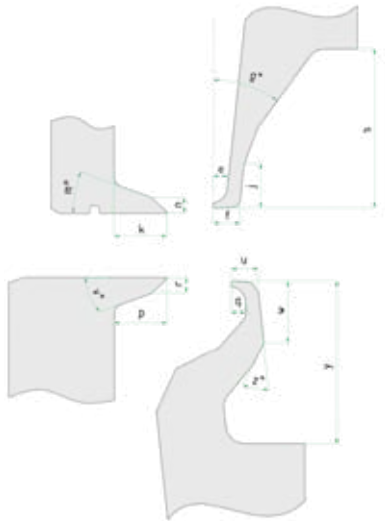
- The selected program, production status, instantaneous speed and power of the machine can be monitored online.
- The final bending parts can be viewed from the panel display.
- All bending parts can be taken from the reports page.
- Details of bending parts can be displayed.
- Machine alarms are archived.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

Technical Specification

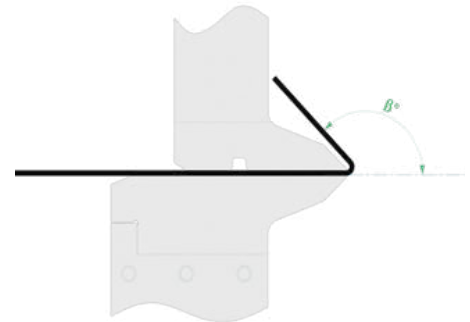
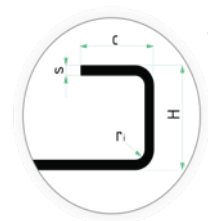
	PB 2	PB 4
Max. Bending Length	1500 mm	
Max. Sheet Entrance Length (Blanking)	2250 mm	2800 mm
Max. Bend Width	1524 mm	
Max. Sheet Entrance Length (Blanking)	2250 mm	3050 mm
Min. Bending Width	150 mm	
Min. Bending Length	350 mm	
Min. Edge Bending Depth	(4..5) x s	
Max. Edge Bending Depth	254 mm	
Max. Bending 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 / mm ² Material	2,5mm	3,2mm
For Inox 600 N / mm ² Material	1,8mm	2,2mm
For Aluminum 260 N / mm ² 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
Upper Tool	k	mm	55
	n	mm	15
	m	°	20°
Lower Tool	r	mm	15
	p	mm	55
	v	°	20°



Some Exaples of Bending

