

- **CNC FIBER LASER CUTTING MACHINES**
- **CNC PRESS BRAKES**
- **PANEL BENDERS**
- **CNC FOLDING MACHINES**
- **POWER SHEARS**

- ✓ HIGH QUALITY
- ✓ HIGH SPEED
- ✓ HIGH ACCURACY
- ✓ MADE IN EUROPE

FIBER LASER CUTTING MACHINES



Cutting Thickness	1kW to 30kW
Carbon Steel	10 mm (3/8") to 70mm (2-3/4")
Stainless Steel	3 mm (1/8") to 40mm (1-9/16")
Aluminum	2 mm (1/16") to 30mm (1-3/16")
Brass	2 mm (1/16") to 20mm (3/4")

Available Sizes

1,500 x 3,000mm (5 x 10 ft)
2,000 x 4,000mm (6.5 x 13 ft)
2,500 x 6,000mm (6.5 x 20 ft)

Laser Power

FLO Models: 1 to 6kW
FLC Models: 3 to 30kW

MATERIALS CAN BE CUT



**Carbon
Steel**



Brass

**Stainless
Steel**



Copper



Titanium



Mild Steel



Aluminum



Iron



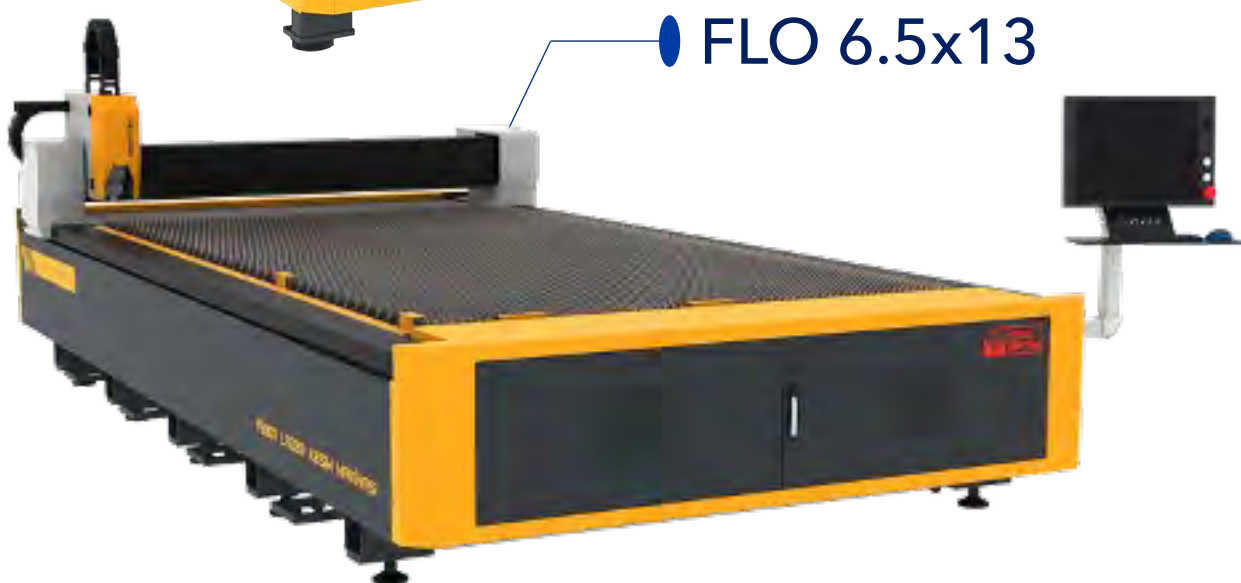
OPEN TYPE FIBER LASERS

Available Sizes

1,500 x 3,000mm (5 x 10 ft)

2,000 x 4,000mm (6.5 x 13 ft)

2,500 x 6,000mm (6.5 x 20 ft)



CUTTING CAPACITIES :

Cutting Thickness	1,000 w	2,000 w	3,000 w	4,000 w	6,000 w
Carbon Steel	10mm (3/8")	14mm (9/16")	16mm (5/8")	20mm (3/4")	22mm (7/8")
Stainless Steel	3mm (1/8")	5mm (3/16")	6mm (1/4")	10mm (3/8")	12mm (1/2")
Aluminium	2mm (1/16")	4mm (1/8")	5mm (3/16")	8mm (5/16")	10mm (3/8")
Brass	2mm (1/16")	4mm (1/8")	5mm (3/16")	8mm (5/16")	8mm (5/16")



OPEN
TYPE FIBER
LASER CUTTING
MACHINES

FLO 5x10

SPECIFICATIONS

Working Area	1524 x 3048mm (5 x 10 ft) / option (2000x4000mm (6.5 x 13ft))
Loading Capacity	800 kg (1,750 lbs)
X-Y Axis Travel	1,524 x 3,048 mm (5 x 10 ft)
Z Axis Travel	100 mm (3.94")
X-Y-Z Axis Guideway	4 Point Ball Caged
X-Y Axis Drive System	Rack
Z Axis Drive System	Ballscrew
X-Y Axis Speed	80 m/min (3150 ipm)
Z Axis Speed	30 m/min (1180 ipm)
X-Y Position Accuracy	0.05 mm (0.002")
X-Y Repeatatability Accuracy	0.03 mm (0.001")
Laser Source	JPT / Han's
Laser Source Output Power CNC	1000 / 2000 / 3000 W
Control System	Fscut / Cypcut
Laser Cutting Head	Raytools / BOCI / WSX
Assist Gasses	Air / Oxygen / Nitrogen
Cooling Type	Water Cooling
Machine Weight	2300 kg (5100 lbs)
Machine Dimensions (W x L x H)	2,158x 4,300x 1,980 mm (7.0 x 14.1 x 6.5 ft)
Graphic Format	dwg / dxf / stp
Electricity	220 or 480 Volt / 3 phase / 60 Hz
Certifications	CE / ISO / FDA
Warranty	2 Years



OPEN TYPE
DUAL-TABLE
FIBER LASER
CUTTING
MACHINES

5x10ft

FLO-D 5x10

SPECIFICATIONS

Working Area	1,524 x 3,048 mm (5 x 10 ft)
Loading Capacity	1,200 kg (2650 lbs)
X-Y Axis Travel	1,524x 3,048 mm (5 x 10 ft)
Z Axis Travel	100 mm (3.94")
X-Y-Z Axis Guideway	4 Point Ball Caged
X-Y Axis Drive System	Rack
Z Axis Drive System	Ballscrew
X-Y Axis Speed	80 m/min (3150 ipm)
Z Axis Speed	30 m/min (1180 ipm)
X-Y Position Accuracy	0.05 mm (0.002")
X-Y Repeatatability Accuracy	0.03 mm (0.001")
Laser Source	JPT / Han's
Laser Source Output Power	1000 / 2000 / 3000 W
CNC Control System	Fscut / Cypcut
Laser Cutting Head	Raytools / BOCI / WSX
Assist Gasses	Air / Oxygen / Nitrogen
Cooling Type	Water Cooling
Machine Weight	4500 kg (9900 lbs)
Machine Dimensions (W x L x H)	2,300 x 8,100 x 1,980 mm (7.5 x 26.5 x 6.5 ft)
Graphic Format	dwg / dxf / stp
Electricity	220 or 480 Volt / 3 phase / 60 Hz
Certifications	CE / ISO / FDA
Warranty	2 Years



OPEN TYPE
SHEET/ PLATE
AND
PIPE/PROFILE
CUTTING LASER

FLO-P-5x10

5x10ft

SPECIFICATIONS

Working Area	1524 x 3048mm (5 x 10 ft)
Loading Capacity	800 / 350 kg (1750 / 770 lbs)
X-Y Axis Travel	1524 x 3048 mm (5 x 10 ft)
Z Axis Travel	400 mm (15.7")
X-Y-Z Axis Guideway	4 Point Ball Caged
X-Y Axis Drive System	Rack
Z Axis Drive System	Ballscrew
X-Y Axis Speed	80 m/min (3150 ipm)
Z Axis Speed	30 m/min (1180 ipm)
X-Y Position Accuracy	0.05 mm (0.002")
X-Y Repeatatability Accuracy	0.03 mm (0.001")
Max. Profile Length	6100 mm (20 ft)
Max. Pipe / Profile Dimensions	Ø 220 mm (8.7")
Laser Source	JPT / Han's
Laser Source Output Power CNC	1000 / 2000 / 3000 W
Control System	Fscut / Cypcut / Tube Pro
Laser Cutting Head	Raytools / BOCI / WSX
Assist Gasses	Air / Oxygen / Nitrogen
Cooling Type	Water Cooling
Machine Weight	4100 kg (9000 lbs)
Machine Dimensions (W x L x H)	3200 x 8150 x 1980 mm (10.5 x 26.7 x 6.5 ft)
Graphic Format	dwg / dxf / stp
Electricity	220 or 480 Volt / 3 phase / 60 Hz
Certifications	CE / ISO / FDA
Warranty	2 Years

FULLY ENCLOSED FIBER LASER CUTTING MACHINES



FLC 5x10
(5x10ft)



FLC 6.5x13
(6.5x13ft)



FLC 6.5X20
(6.5x20ft)

FLC 5x10

(5x10ft)

FULLY ENCLOSED
DUAL TABLE
FIBER LASER
CUTTING MACHINES



SPECIFICATIONS

Working Area	1524 x 3048mm (5 x 10 ft)
Loading Capacity	1200 kg (2650 lbs)
X-Y Axis Travel	1524 x 3048 mm (5 x 10 ft)
Z Axis Travel	300 mm (11.8")
X-Y-Z Axis Guideway	4 Point Ball Caged
X-Y Axis Drive System	Rack
Z Axis Drive System	Ballscrew
X-Y Axis Speed	80 m/min (3150 ipm)
Z Axis Speed	30 m/min (1180 ipm)
X-Y Position Accuracy	0.05 mm (0.002")
X-Y Repeatatability Accuracy	0.03 mm (0.001")
Table Change Time	10 sec
Laser Source	Max / JPT / Han's
Laser Source Output Power	1 / 2 / 3 / 4 / 6 / 8 / 12 / 20 kW
CNC Control System	Fscut / Cypcut
Laser Cutting Head	Raytools / BOCI / WSX
Assist Gasses	Air / Oxygen / Nitrogen
Cooling Type	Water Cooling
Machine Weight	8500 kg (18.750 lbs)
Machine Dimensions (W x L x H)	2698 x 9175 x 2560 mm (8.8 x 30 x 8.4 ft)
Graphic Format	dwg / dxf / stp
Electricity	220 or 480 Volt / 3 phase / 60 Hz
Certifications	CE / ISO / FDA
Warranty	2 Years

Cutting Thickness	1,000 w	2,000 w	3,000 w	4,000 w	6,000 w	8,000 w	12,000 w	20,000 w
Carbon Steel	10mm (3/8")	14mm (9/16")	16mm (5/8")	20mm (3/4")	22mm (7/8")	25 mm (1")	30mm (1-3/16")	45mm (1-13/16")
Stainless Steel	3mm (1/8")	5mm (3/16")	6mm (1/4")	10mm (3/8")	12mm (1/2")	20 mm (3/4")	25mm (1")	40mm (25/16")
Aluminium	2mm (1/16")	4mm (1/8")	5mm (3/16")	8mm (5/16")	10mm (3/8")	20 mm (13/16")	25mm (1")	30mm (19/16")
Brass	2mm (1/16")	4mm (1/8")	5mm (3/16")	8mm (5/16")	8mm (5/16")	12mm (1/2")	12mm (1/2")	18mm (11/16")

FLC 5x10 HS

(5x10ft)

FULLY ENCLOSED
DUAL TABLE
HIGH SPEED
FIBER LASER
CUTTING MACHINES



SPECIFICATIONS

Working Area	1500 x 3000mm
Loading Capacity	1200 kg (2650 lbs)
X-Y Axis Travel	1500 x 3000 mm
Z Axis Travel	300 mm (11.8")
X-Y-Z Axis Guideway	4 Point Ball Caged
X-Y Axis Drive System	Rack
Z Axis Drive System	Ballscrew
X-Y Axis Speed	140 m/min (5,520 ipm)
Z Axis Speed	30 m/min (1180 ipm)
X-Y Position Accuracy	0.03 mm (0.0012")
X-Y Repeatability Accuracy	0.03 mm (0.0012")
Table Change Time	10 sec
Laser Source	Max
Laser Source Output Power	6 / 12 kW
CNC Control System	Fscut / Cypcut
Laser Cutting Head	Raytools / BOCI / WSX
Assist Gasses	Air / Oxygen / Nitrogen
Cooling Type	Water Cooling
Machine Weight	8,500 kg (18,750 lbs)
Machine Dimensions (W x L x H)	2698 x 9175 x 2560 mm (8.8 x 30 x 8.4 ft)
Graphic Format	dwg / dxf / stp
Electricity	220 or 480 Volt / 3 phase / 60 Hz
Certifications	CE / ISO / FDA
Warranty	2 Years

Cutting Thickness	6,000w	12,000w
Carbon Steel	22mm (7/8")	30mm (1-3/16")
Stainless Steel	12mm (1/2")	25mm (1")
Aluminium	10mm (3/8")	25mm (1")
Brass	8mm (5/16")	12mm (1/2")

FLC-P-5x10

(5x10ft)

FULLY ENCLOSED
SHEET / PLATE & TUBE/PROFILE
FIBER LASER CUTTING MACHINE



SPECIFICATIONS

Working Area	1524x 3048 mm (5 x 10 ft)
Loading Capacity (Ø 220)	1200 / 350 kg (2650 / 750 lbs)
Loading Capacity (Ø 350)	1200 / 800 kg (2650 / 1750 lbs)
X-Y Axis Travel	1524 x 3048 mm (5 x 10 ft)
Z Axis Travel	350 mm (13.8")
X-Y-Z Axis Guideway	4 Point Ball Caged
X-Y Axis Drive System	Rack
Z Axis Drive System	Ballscrew
X-Y Axis Speed	80 m/min (3150 ipm)
Z Axis Speed	30 m/min (1180 ipm)
X-Y Position Accuracy	0.05 mm (0.002")
X-Y Repeatability Accuracy	0.03 mm (0.001")
Table Change Time	10 sec
Max. Profile Dimensions	Ø350 / Ø220 (13.8" / 8.6")
Laser Source	Max / JPT / Han's
Laser Source Output Power	1 / 2 / 3 / 4 / 6 / 8 / 12 / 20 kW
CNC Control System	Fscut / Cypcut
Laser Cutting Head	Raytools / BOCI / WSX
Assist Gasses	Air / Oxygen / Nitrogen
Cooling Type	Water Cooling
Machine Weight	10000 kg (22000 lbs)
Machine Dimensions (W x L x H)	4400 x 10000 x 2560 mm (14.4 x 32.8 x 8.4 ft)
Graphic Format	dwg / dxf / stp
Electricity	220 or 380 Volt / 3 phase / 60 Hz
Certifications	CE / ISO / FDA
Warranty	2 Years

Cutting Thickness	1,000 w	2,000 w	3,000 w	4,000 w	6,000 w	8,000 w	12,000 w	20,000 w
Carbon Steel	10mm (3/8")	14mm (9/16")	16mm (5/8")	20mm (3/4")	22mm (7/8")	25mm (1")	30mm (1-3/16")	45mm (1-13/16")
Stainless Steel	3mm (1/8")	5mm (3/16")	6mm (1/4")	10mm (3/8")	12mm (1/2")	20mm (3/4")	25mm (1")	40mm (25/16")
Aluminium	2mm (1/16")	4mm (1/8")	5mm (3/16")	8mm (5/16")	10mm (3/8")	20mm (13/16")	25mm (1")	30mm (19/16")
Brass	2mm (1/16")	4mm (1/8")	5mm (3/16")	8mm (5/16")	8mm (5/16")	12mm (1/2")	12mm (1/2")	18mm (11/16")

**GLOBAL SUPPLY
TECHNOLOGIES**

**Fabrication
Machines**

CNC PIPE/PROFILE CUTTING MACHINES



Global Supply Technologies - FLP SERIES

- **MADE IN EUROPE**
- **HIGH QUALITY**
- **HIGH SPEED**
- **HIGH ACCURACY**

FLP-6035

PIPE / PROFILE FIBER LASER
CUTTING MACHINE

Cutting Thickness	1,000 w	2,000 w	3,000 w	4,000 w	6,000 w	8,000 w	12,000 w	20,000 w
Carbon Steel	10mm (3/8")	14mm (9/16")	16mm (5/8")	20mm (3/4")	22mm (7/8")	25 mm (1")	30mm (1-3/16")	45mm (1-13/16")
Stainless Steel	3mm (1/8")	5mm (3/16")	6mm (1/4")	10mm (3/8")	12mm (1/2")	20 mm (3/4")	25mm (1")	40mm (25/16")
Aluminium	2mm (1/16")	4mm (1/8")	5mm (3/16")	8mm (5/16")	10mm (3/8")	20 mm (13/16")	25mm (1")	30mm (19/16")
Brass	2mm (1/16")	4mm (1/8")	5mm (3/16")	8mm (5/16")	8mm (5/16")	12mm (1/2")	12mm (1/2")	18mm (11/16")

SPECIFICATIONS

Loading Capacity	850 kg (1875 lbs)
Z Axis Travel	440 mm (17.3")
X-Y-Z Axis Guideway	4 Point Ball Caged
X-Y Axis Drive System	Rack
Z Axis Drive System	Ball screw
X-Y Axis Speed	80 m/min (3150 ipm)
Z Axis Speed	30 m/min (1180 ipm)
X-Y Position Accuracy	0.05 mm (0.002")
X-Y Repeatability Accuracy	0.03 mm (0.001")
Max. Profile Length	6100 mm (20 ft)
Max. Profile Dimensions	Ø 350 mm (13.8")
Laser Source	JPT / Han's
Laser Source Output Power	1000 / 2000 / 3000 W
CNC Control System	Fscut
Laser Cutting Head	Raytools / BOCI / WSX
Assist Gasses	Air / Oxygen / Nitrogen
Cooling Type	Water Cooling
Machine Weight	7000 kg (15430 lbs)
Machine Dimensions (W x L x H)	2560 x 11102 x 2671 mm (8.4 x 36.4 x 8.8 ft)
Graphic Format	dwg / dxf / stp
Electricity	220 or 480 Volt / 3 phase / 60 Hz
Certifications	CE / ISO / FDA
Warranty	2 Years

FLP-6528

6kW or 12kW

AUTOMATIC LOADING AND UNLOADING

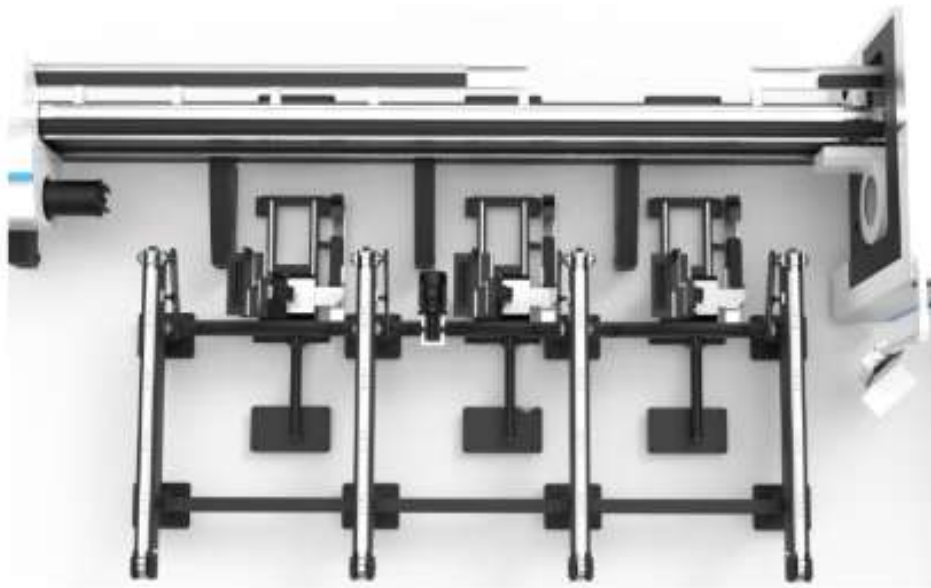
PIPE / PROFILE CUTTING MACHINE

20 / 30 / 40ft long

Ø14, 16, 18" diameter

rectangular / round / I beam / H beam / U channels





LOADING SIDE



CUTTING WITH MIDDLE CHUCK



UNLOADING SIDE

**GLOBAL SUPPLY
TECHNOLOGIES**

**Fabrication
Machines**

CNC PRESS BRAKES



Global Supply Technologies - PB SERIES

- **MADE IN EUROPE**
- **HIGH QUALITY**
- **HIGH SPEED**
- **HIGH ACCURACY**

CNC PRESS BRAKE MODEL : PB 10x150

(10ft x 150ton)

General View



PB 10x150 Outstanding Features

- Bending Length : 10' 6" (3,200mm)
- Bending force : 150 US Tons
- 6 Axis
- CNC Motorized Auto Crowning
- Back Gauge Servo Motors
- Back Gauge Reducer
- Rexroth Hydraulic System (German)
- Cybelec 12 CNC Control Unit
- Servo system
- Hydraulic System - Rexroth (German)
- Servo System -Inovance
- Magnetic Ruler - Givi (Italian)
- Safety Barrier - DSP A200 (Italian)
- Oil Pump - First
- Euro type Punch - Upper Mold -H100/R03
- Punch Holder Type - Easy Latch Change
- Eurotype Bottom Mold- Double Lower Mold V6 / V10
- Electric Components - Schneider
- Double Foot Pedal
- Stainless Oil Tank
- Protection Hood with Safety Switch
- Front and Rear Operation LED
- Sliding Front Arm Support System
- Incoming voltage 220, 240 or 480volt
- Transformer 240 / 480volt to 380v.
- Installation And Training

PB10x150 Technical Specs

Specification	Imperial	Metric
Bending Force	≈ 303,000 lbf	1350 kN
Bending Tonnage	≈ 150 US tons	135 T
Power Supply	3PH / 380V / 50Hz	3PH / 380V / 50Hz
Bending Length	126.0 in / 10.5 ft	3200 mm
Workbench Height	35.4 in	900 mm
Column Spacing	98.4 in	2500 mm
Throat Depth	15.7 in	400 mm
Slide Stroke	7.9 in	200 mm
Maximum Opening Height	18.5 in	470 mm
Rapid Descent Speed	7.1 in/s	180 mm/s
Return Speed	5.5 in/s	140 mm/s
Working Speed	0.39 in/s	10 mm/s
Rear Gear (X-axis) Stroke	21.7 in	550 mm
Max Operating Speed (X-axis)	15.7 in/s	400 mm/s
X-axis Positioning Accuracy	± 0.002 in	± 0.05 mm
X-axis Repeat Accuracy	± 0.0008 in	± 0.02 mm
Y-axis Positioning Accuracy	± 0.0008 in	± 0.02 mm
Y-axis Repeat Accuracy	± 0.0004 in	± 0.01 mm
R-axis Stroke	5.9 in	150 mm
Max Operating Speed (R-axis)	3.9 in/s	100 mm/s
Working Accuracy (Straight Line)	± 0.0024 in/ft	± 0.2 mm/m
Working Accuracy (Angle)	± 0.5°/40"	± 0.5°/m
Number of CNC Axes	4 + 2	4 + 2
Main Motor Power	≈ 14.8 hp	11 kW
Fuel Tank Capacity	52.8 gal	200 L
Machine Dimensions (L × W × H)	157.5 × 68.9 × 112.6 in	4000 × 1750 × 2860 mm
Machine Weight	18,300 lbs	8,300 kg

CNC PRESS BRAKE

PB 5x66 (5ft x 66Ton)

General View



PB 5x66

MAJOR SPECS and ACCESSORIES

- Y1-Y2-X-R
- Boch Rexroth Hydraulic System
- Cybelec CNC Control Unit
- Fiessler & DSP Front Safety System
- Crowning System
- Servo Motor and Ball Screw Backrest System
- Bottom Mould Holder for Euro Type Moulds
- Upper Mould Holder for Euro Type Moulds
- Protection Hood with Safety Switch
- Front and Rear Operation LED
- Sliding Front Arm Support System
- Foot Pedal with Emergency Stop
- Protection Hood with Safety Switch
- Front and Rear Operation LED
- Sliding Front Arm Support System
- Incoming voltage 220 / 240 / 480 volt
- Installation and Training

PB 5x66 Technical Parameters

Specification	Imperial	Metric
Bending Force	≈ 135,000 lbf	600 kN
Bending Tonnage	≈ 66 US tons	60 T
Bending Length	59.1 in / 4.9 ft	1500 mm
Workbench Height	35.4 in	900 mm
Column Spacing	39.4 in	1000 mm
Throat Depth	15.7 in	400 mm
Slide Stroke	7.9 in	200 mm
Maximum Opening Height	18.5 in	470 mm
Rapid Descent Speed	7.1 in/s	180 mm/s
Return Speed	5.5 in/s	140 mm/s
Working Speed	0.39 in/s	10 mm/s
Rear Gear (X-axis) Stroke	21.7 in	550 mm
Max Operating Speed (X-axis)	15.7 in/s	400 mm/s
X-axis Positioning Accuracy	± 0.002 in	± 0.05 mm
X-axis Repeat Accuracy	± 0.0008 in	± 0.02 mm
Y-axis Positioning Accuracy	± 0.0008 in	± 0.02 mm
Y-axis Repeat Accuracy	± 0.0004 in	± 0.01 mm
R-axis Stroke	5.9 in	150 mm
Max Operating Speed (R-axis)	3.9 in/s	100 mm/s
Working Accuracy (Straight Line)	± 0.0024 in/ft	± 0.2 mm/m
Working Accuracy (Angle)	± 0.5°/m	± 0.5°/m
Number of CNC Axes	4 + 2	4 + 2
Main Motor Power	≈ 11.4 hp	8.5 kW
Fuel Tank Capacity	52.8 gal	200 L
Machine Dimensions (L × W × H)	78.7 × 59.1 × 104.3 in	2000 × 1500 × 2650 mm
Machine Weight	7716 lbs	3500 kg

PB 5x66 Main Configuration

Control system	CT12
Hydraulic system valve group	Rexroth
Servo motor	Inovance
Oil pump	First (U.S.)
Oil cylinders	HY
Main motor	Inovance
Compensation method	DSP protection
Control axes	4 axis
Magnetic grid ruler	Givi (Italy)
X-axis linear guide	HIWIN
X-axis linear rod	HIWIN
Electrical components	Schneider
Fixture	Double sided quick clamp
Compensation workbench	SRJM
Safety light curtain	DSP/A200 (Including black bracket) (Italy)
Protective doors	Installed protective doors

Control Units

Cybelec ModEvaPac

Graphic 2D display and simulation capability. ◆

Collision detection according to criteria defined by the operator ◆

- Minimum length against the operator ◆

- Minimum return ◆

- Maximum accuracy between two defined faces. ◆

- Minimum operator manipulation ◆

Angle protractor interfacing ◆

Tool locator. ◆

Tandem operation ◆



ModEva Pac



Cybelec CybTouch12

4 axes control (Y1-Y2-X-R). ◆

TouchProfile 2D graphic part creation with manual sequencing. ◆

Bend allowance calculation. ◆

Pressure – crowning calculation. ◆

Each part or bend can have its specific tools. ◆

Punch depth calculation. ◆

Angle and back gauge correction. ◆

Delivered with PC-ModEva offline software ◆



CybTouch 12 PS

DA-58

2D graphical touch screen programming

15" high resolution colour TFT

Bend sequence calculation

Crowning control

Servo and frequency inverter control

Advanced Y-axis control algorithms USB, peripheral interfacing

Profile-58TL offline software



DA-66T

2D graphical touch screen programming mode

3D visualisation in simulation and production

17" high resolution colour TFT

Full Windows application suite

Delem Modusys compatibility (module scalability and

adaptivity) USB, peripheral interfacing

Open system architecture

Sensor bending & correction interface

Profile-TL offline software



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PBC

PANEL BENDER

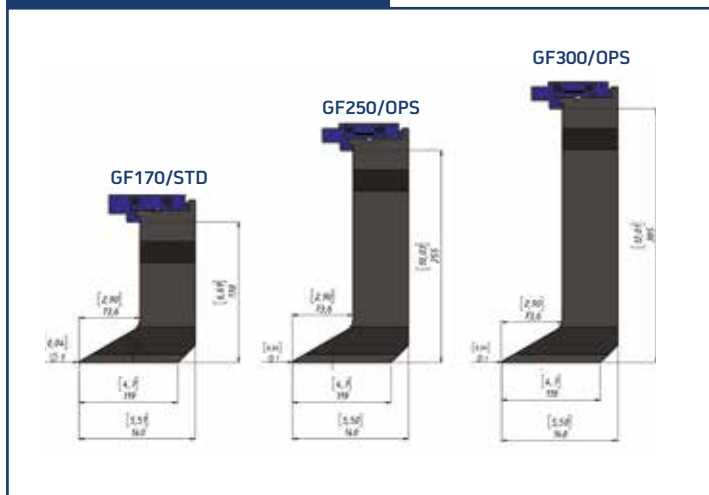
**GLOBAL SUPPLY
TECHNOLOGIES**
**Fabrication
Machines**


MODEL	BENDING LENGTH (mm)	MS (mm)	SS (mm)	ALU (mm)	STD. DIMENSIONS (mm)	WEIGHT (kg)
PBC 1515	1550	1.5	1	2	5500 x 2400 x 2400 (h)	9400
PBC 1520	1550	2	1.5	3	5500 x 2400 x 2400 (h)	9500
PBC 2015	2050	1.5	1	2	5500 x 2900 x 2400 (h)	11400
PBC 2020	2050	2	1.5	3	5500 x 2900 x 2400 (h)	11500
PBC 2515	2550	1.5	1	2	5500 x 3400 x 2400 (h)	13400
PBC 2520	2550	2	1.5	3	5500 x 3400 x 2400 (h)	13500
PBC 3015	3050	1.5	1	2	5500 x 3900 x 2400 (h)	15400
PBC 3020	3050	2	1.5	3	5500 x 3900 x 2400 (h)	15500

BASIC SPECS

- Machined, welded and stress annealed rigid frame
- Full servo cnc driven 14 axis
- Graphical controller with STEP part data import and 3D simulation functions
- Manual easy tool change with pneumatic easy clamping system for blankholder tools
- Manual crowning system on both up and down bending tool
- Full brush or stainless surface sheet table upon choice
- Industry 4.0 automation system suitable for ERP, ROBOT, CARTESIAN, LINE integrations
- Ideal for serial batch production

BLANKHOLDER TOOL OPTIONS



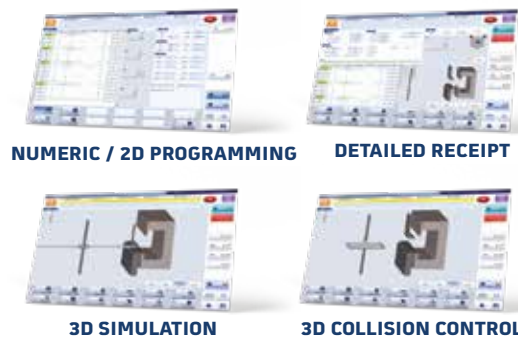
LIGHT BARRIERS PROTECTION AND COMPONENTS SUITABLE FOR CE NORMS



PNEUMATIC QUICK CLAMPING SYSTEM



ERFOLD PB 3D GRAPHICAL SOFTWARE



MECHANICAL CROWNING SYSTEM

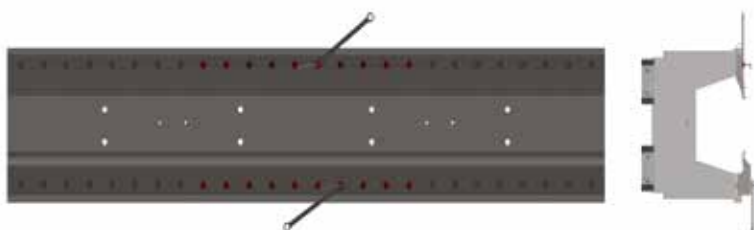


TABLE TYPES (UPON CHOICE)



COMPLETELY BRUSH COVERED (STD)



STAINLESS WITH BALL TRANSFERS OR ROUND BRUSHES (OPT)

DUAL SERIES UP & DOWN FOLDERS

GLOBAL SUPPLY
TECHNOLOGIES

Fabrication
Machines



DUAL MFE UP & DOWN



MODEL	BENDING LENGTH (mm)	MS (mm)	SS (mm)	ALU (mm)	STD. DIMENSIONS (mm)	WEIGHT (kg)
DMFE 2545	2550	4.5	3.5	5.5	4600 x 2300 x 2000 (h)	5900
DMFE 3240	3200	4	3	5	4600 x 2300 x 2000 (h)	6800
DMFE 4230	4200	3	2	4	5600 x 2300 x 2000 (h)	8100

STANDARD FEATURES

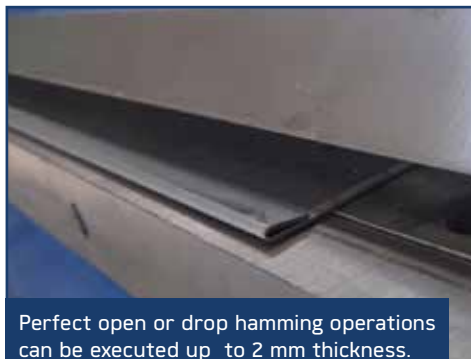
- 45° geometry clamping beam with 200 mm opening
- Servo backgauge with frontal squaring and backgauge sectors
- 1500 mm rectangular sheet support table with ball transfers
- Erfold 3D up&down cnc graphical software
- 100 mm high segmented goat foot tool set
- Pneumatic quick clamping system
- Manual crowning system

OPTIONAL FEATURES

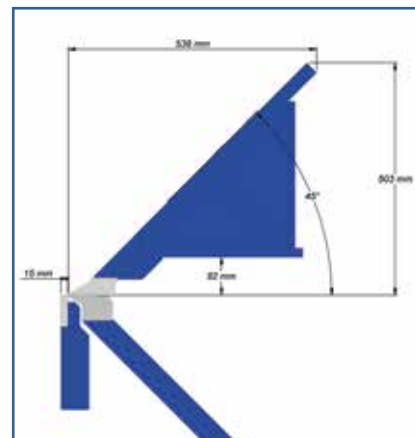
- Motorized crowning system
- Suction cup system
- Longer backgauge with T or U shape table
- Rotating Vacuum Handling System (RVHS)



4 mm folding capacity on full length.



Perfect open or drop hammering operations can be executed up to 2 mm thickness.



DUAL MFA COMBI

UP & DOWN FOLDER



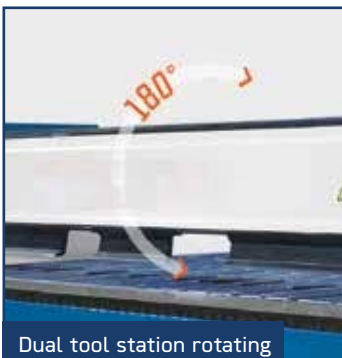
MODEL	BENDING LENGTH (mm)	MS (mm)	SS (mm)	ALU (mm)	STD. DIMENSIONS (mm)	WEIGHT (kg)
DMFA 2535	2550	3.5	2.5	5	4600 x 2300 x 2350 (h)	7600
DMFA 3230	3200	3	2	4	5100 x 2300 x 2350 (h)	8550
DMFA 4225	4200	2.5	1.5	3.5	6100 x 2300 x 2350 (h)	9850

STANDARD FEATURES

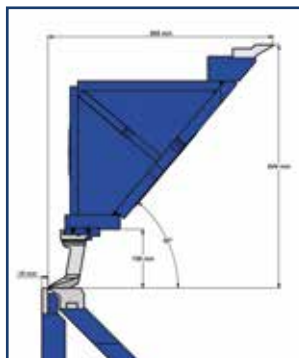
- Combi clamping beam with 2 tool stations, 250 mm opening
- Servo backgauge with frontal squaring and backgauge sectors
- 1500 mm rectangular sheet support table with ball transfers
- Erfold Advanced 3D up&down cnc graphical software
- 125 mm high segmented goat foot tool set + sharpnose tool
- Pneumatic quick clamping system
- Manual crowning system

OPTIONAL FEATURES

- Motorized crowning system
- Suction cup system
- Longer backgauge with T or U shape table
- Rotating Vacuum Handling System (RVHS)



Dual tool station rotating combi upper beam.



45° geometry on both sides of the upper beam gives you the advantage of being able to fold complex parts.

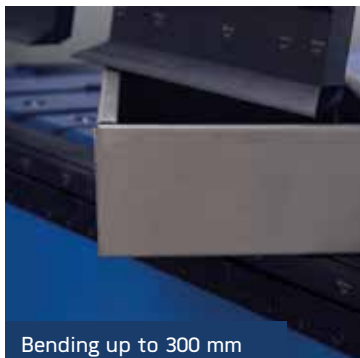
DUAL SFA UP & DOWN FOLDER



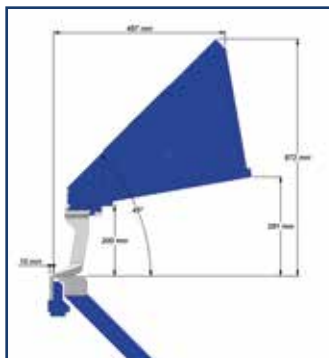
MODEL	BENDING LENGTH (mm)	MS (mm)	SS (mm)	ALU (mm)	STD. DIMENSIONS (mm)	WEIGHT (kg)
DSFA 2535	2550	3.5	2.5	5	4600 x 2300 x 2350 (h)	7600
DSFA 3230	3200	3	2	4	5100 x 2300 x 2350 (h)	8550
DSFA 4230	4200	3	2	4	6100 x 2300 x 2350 (h)	9950

STANDARD FEATURES

- 45° geometry clamping beam with 400 mm opening
- Servo backgauge with frontal squaring and backgauge sectors
- 1500 mm rectangular sheet support table with ball transfers
- Erfold Advanced 3D up&down cnc graphical software
- 200 mm high segmented goat foot tool set
- Pneumatic quick clamping system
- Manual crowning system



Bending up to 300 mm deep boxes.



OPTIONAL FEATURES

- Motorized crowning system
- Suction cup system
- Longer backgauge with T or U shape table
- 250 / 300 mm high goat foot tools
- Rotating Vacuum Handling System (RVHS)



Front Gauging System

FABRICATOR SERIES

Innovative Solutions for **Industrial Applications**

GLOBAL SUPPLY
TECHNOLOGIES

Fabrication
Machines





MODEL	BENDING LENGTH (mm)	MS (mm)	SS (mm)	ALU (mm)	STD. DIMENSIONS (mm)	WEIGHT (kg)
MFE 2050	2050	5	3.5	6	3600 x 2300 x 2000 (h)	4900
MFE 2545	2550	4.5	3	5.5	4100 x 2300 x 2000 (h)	5400
MFE 3240	3200	4	3	5	4700 x 2300 x 2000 (h)	6700
MFE 4230	4200	3	2	4	5700 x 2300 x 2000 (h)	8050

STANDARD FEATURES

- 45° geometry clamping beam with 200 mm opening
- Servo backgauge with rectangular table and solid fingers
- 1000 mm rectangular sheet support table with ball transfers
- Erfold Advanced Cnc Line By Line software

OPTIONAL FEATURES

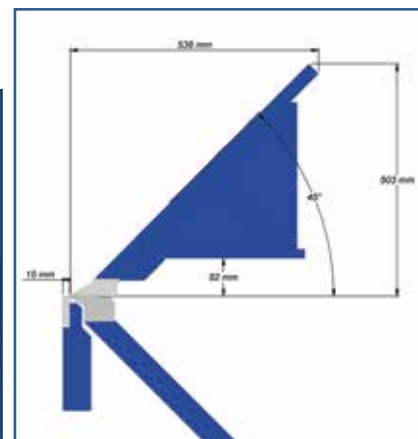
- Manual or Motorized crowning system
- Suction cup system
- Longer backgauge with T or U shape table
- Erfold Advanced 2D/3D cnc graphical software
- 100 mm high segmented goat foot tool set
- Pneumatic quick clamping system



4 mm folding capacity on full length.



Perfect open or drop hammering operations can be executed up to 2 mm thickness.



MFA COMBI FOLDER

**GLOBAL SUPPLY
TECHNOLOGIES**
**Fabrication
Machines**

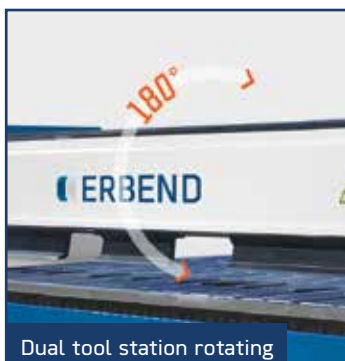

MODEL	BENDING LENGTH (mm)	MS (mm)	SS (mm)	ALU (mm)	STD. DIMENSIONS (mm)	WEIGHT (kg)
MFA 2040	2050	4	3	5	3600 x 2300 x 2300 (h)	6600
MFA 2535	2550	3.5	2.5	4.5	4100 x 2300 x 2300 (h)	7100
MFA 3230	3200	3	2	4	4700 x 2300 x 2300 (h)	8050
MFA 4225	4200	2.5	1.5	3.5	5700 x 2300 x 2300 (h)	9450

STANDARD FEATURES

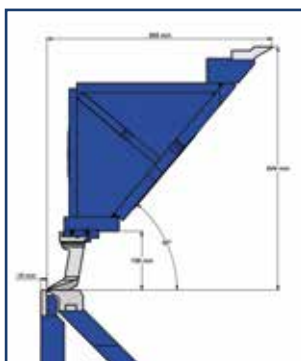
- Combi clamping beam with 2 tool stations and 220 mm opening
- Servo backgauge with rectangular table and solid fingers
- 1000 mm rectangular sheet support table with ball transfers
- Erfold Advanced Cnc Line By Line software
- 110 mm high segmented goat foot tool set on station 1
- Single piece 20° sharpnose tool on station 2

OPTIONAL FEATURES

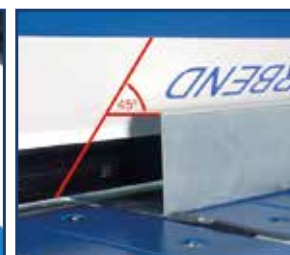
- Manual or Motorized crowning system
- Suction cup system
- Longer backgauge with T or U shape table
- Erfold Advanced 2D/3D cnc graphical software
- Pneumatic quick clamping system



Dual tool station rotating combi upper beam.



45° geometry on both sides of the upper beam gives you the advantage of being able to fold complex parts.



SFA FOLDER



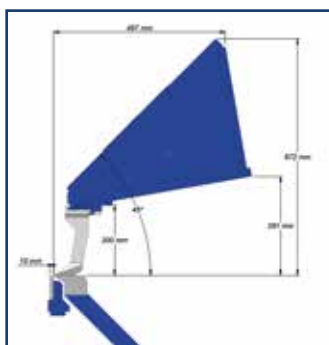
MODEL	BENDING LENGTH (mm)	MS (mm)	SS (mm)	ALU (mm)	STD. DIMENSIONS (mm)	WEIGHT (kg)
SFA 2040	2050	4	3	5	3600 x 2300 x 2400 (h)	6800
SFA 2535	2550	3.5	2.5	4.5	4100 x 2300 x 2400 (h)	7300
SFA 3230	3200	3	2	4	4700 x 2300 x 2400 (h)	8250
SFA 4225	4200	2.5	1.5	3.5	5700 x 2300 x 2400 (h)	9650
SFA 5020	5050	2	1.2	3	6700 x 2300 x 2400 (h)	10.650

STANDARD FEATURES

- 45° geometry clamping beam with 350 mm opening
- Servo backgauge with rectangular table and solid fingers
- 1500 mm rectangular sheet support table with ball transfers
- Erfold Advanced Cnc Line By Line software
- 170 mm high segmented goat foot tool set



Bending up to 300 mm deep boxes.



OPTIONAL FEATURES

- Manual or Motorized crowning system
- Suction cup system
- Longer backgauge with T or U shape table
- Erfold Advanced 2D/3D cnc graphical software
- 200/250/300 mm high segmented goat foot tool set
- Pneumatic quick clamping system



Front Gauging System

ARCHITECT SERIES

GLOBAL SUPPLY
TECHNOLOGIES

Fabrication
Machines

Precision & Aesthetics in **Architecture**



MFD COMBI FOLDER



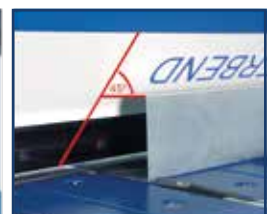
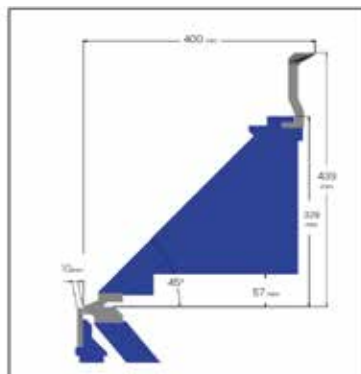
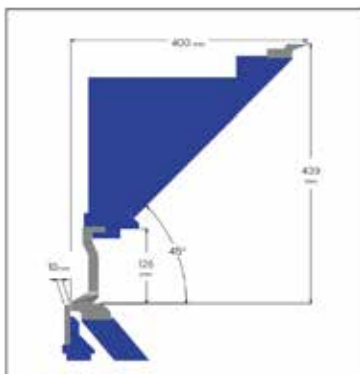
MODEL	BENDING LENGTH (mm)	MS (mm)	SS (mm)	ALU (mm)	STD. DIMENSIONS (mm)	WEIGHT (kg)
MFD 2525	2550	2.5	1.5	3.5	3850 x 2200 x 1900 (h)	3900
MFD 3220	3200	2	1.2	3	4500 x 2200 x 1900 (h)	4600
MFD 4215	4200	1.5	1	2	5500 x 2200 x 1900 (h)	5500

STANDARD FEATURES

- Combi clamping beam with 2 tool stations and 220 mm opening
- Servo backgauge with rectangular table and solid fingers
- 1000 mm rectangular sheet support table with ball transfers
- Erfold Advanced Cnc Line By Line software
- 110 mm high segmented goat foot tool set on station 1
- Single piece 20° sharpnose tool on station 2

OPTIONAL FEATURES

- Manual or Motorized crowning system
- Suction cup system
- Longer backgauge with T or U shape table
- Erfold Advanced 2D/3D cnc graphical software
- 200/250/300 mm high segmented goat foot tool set
- Pneumatic quick clamping system



45° geometry on both sides of the upper beam gives you the advantage of being able to fold complex parts.

MFB

FOLDER



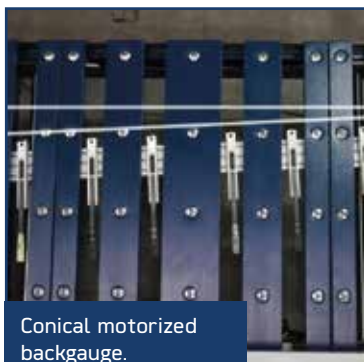
MODEL	BENDING LENGTH (mm)	MS (mm)	SS (mm)	ALU (mm)	STD. DIMENSIONS (mm)	WEIGHT (kg)
MFB 2030	2050	3	2	4	3350 x 2200 x 1900 (h)	3200
MFB 2525	2550	2.5	1.5	3.5	3850 x 2200 x 1900 (h)	3900
MFB 3220	3200	2	1.2	3	4500 x 2200 x 1900 (h)	4600
MFB 4215	4200	1.5	1	2	5500 x 2200 x 1900 (h)	5500

STANDARD FEATURES

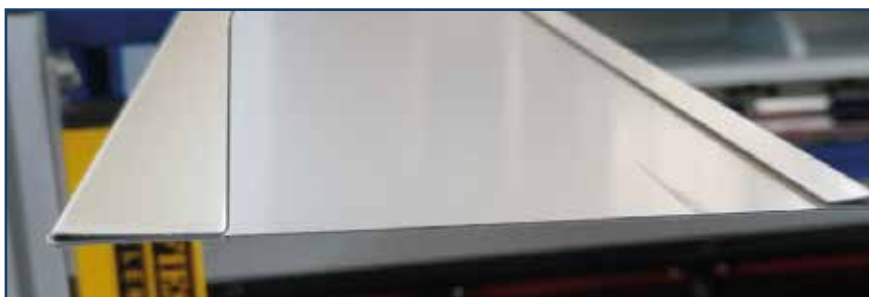
- 45° clamping beam with 220 mm opening
- Servo backgauge with solid fingers
- 1000 mm rectangular sheet support table with ball transfers
- Erfold Advanced Cnc Line By Line software
- Single piece 20° sharpnose tool

OPTIONAL FEATURES

- Manual or Motorized crowning system
- Omega geometry on lower and folding beam
- Longer backgauge with T or U shape table
- Erfold Advanced 2D/3D cnc graphical software
- Pneumatic quick clamping system
- Motorized conical backgauge system (1500 mm)
- 90/110 mm high segmented goat foot tool set
- Suction cups system



Conical motorized backgauge.



Ideal for side hemming applications up to 0.7 mm

MFC FOLDER



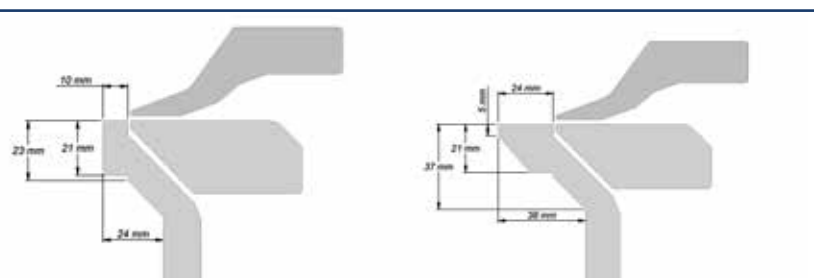
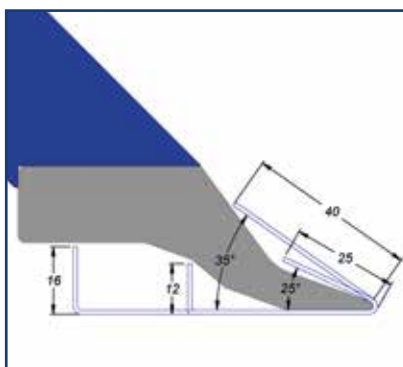
MODEL	BENDING LENGTH (mm)	MS (mm)	SS (mm)	ALU (mm)	STD. DIMENSIONS (mm)	WEIGHT (kg)
MFC 2025	2050	2.5	1.5	3	3300 x 2200 x 1850 (h)	2400
MFC 2520	2550	2	1.2	2.5	3800 x 2200 x 1850 (h)	2900
MFC 3215	3200	1.5	1	2	4450 x 2200 x 1850 (h)	3300

STANDARD FEATURES

- 45° clamping beam with 120 mm opening
- Servo backgauge with solid fingers
- 750 mm rectangular sheet support table with ball transfers
- Erfold Advanced Cnc Line By Line software
- Single piece 20° sharpnose tool

OPTIONAL FEATURES

- Manual or Motorized crowning system
- Omega geometry on lower and folding beam
- Longer backgauge with T or U shape table
- Erfold Advanced 2D/3D cnc graphical software
- Pneumatic quick clamping system
- Motorized conical backgauge system (1500 mm)
- 60/90 mm high segmented goat foot tool
- Suction cups system



Omega geometry of lower and folding beam lets you produce omega/trapezoidal profiles.

MFG FOLDER

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MODEL	BENDING LENGTH (mm)	MS (mm)	SS (mm)	ALU (mm)	STD. DIMENSIONS (mm)	WEIGHT (kg)
MFG 2515	2550	1.5	1	2	3800 x 2100 x 1650 (h)	2500
MFG 3210	3200	1	0.6	1.5	4400 x 2100 x 1650 (h)	2900

STANDARD FEATURES

- 45° clamping beam with 120 mm opening
- Servo backgauge with solid fingers
- 750 mm rectangular sheet support table with ball transfers
- Erfold Advanced Cnc Line By Line software
- Single piece 20° sharpnose tool

OPTIONAL FEATURES

- 1000 mm backgauge extension
- Erfold Advanced 2D cnc graphical software



UFA MANUAL FOLDER



MODEL	BENDING LENGTH (mm)	MS (mm)	SS (mm)	ALU (mm)	STD. DIMENSIONS (mm)	WEIGHT (kg)
UFA 1015	1050	1.5	1	2	1300 x 750 x 1450 (h)	290
UFA 1212	1250	1.2	0.8	1.5	1500 x 750 x 1450 (h)	315

STANDARD FEATURES

- Manual driven upper beam with 200 mm opening
- Manual driven folding beam up to 150° with angle stopper
- 100 mm high segmented goat foot tool with quick mechanical clamping system
- Fully segmented lower tool and folding tool
- Assistant pedal for clamping
- 500 mm manual backgauge with ruler
- Tool, accessory cabinet holder



EMS

LIGHT SHEAR

GLOBAL SUPPLY
TECHNOLOGIES

Fabrication
Machines



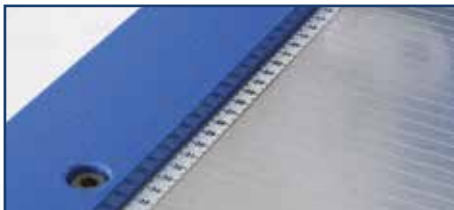
MODEL	BENDING LENGTH (mm)	MS (mm)	SS (mm)	ALU (mm)	STD. DIMENSIONS (mm)	WEIGHT (kg)
EMS 2525	2550	2.5	1.5	3.5	3150 x 1700 x 1300 (h)	2200
EMS 3220	3200	2	1.2	3	3700 x 1700 x 1300 (h)	3100
EMS 4215	4200	1.5	1	2	4700 x 1700 x 1300 (h)	3350

STANDARD FEATURES

- 750 mm servo NC backgauge system
- Pneumatic sheet support as front drop
- Blank sheet wagon with wheels
- Ercut NC controller software
- Rear light barriers and full body protection covers
- Retractable front sheet support
- No need for blade gap adjustment

OPTIONAL FEATURES

- 1000 mm servo NC backgauge system
- Rear or front drop control in the same cycle
- Longer side gauge or angular cutting units



EMS HEAVY SHEAR



MODEL	BENDING LENGTH (mm)	MS (mm)	SS (mm)	ALU (mm)	STD. DIMENSIONS (mm)	WEIGHT (kg)
EMS 2540	2550	4	3	6	3200 x 1700 x 1300 (h)	2400
EMS 3240	3200	4	3	6	3700 x 1700 x 1300 (h)	3200

STANDARD FEATURES

- 750 mm servo NC backgauge system
- Pneumatic sheet support as front drop
- Blank sheet wagon with wheels
- Ercut NC controller software
- Rear light barriers and full body protection covers
- Fixed front sheet support
- Blade gap adjustment from the lower table

OPTIONAL FEATURES

- 1000 mm servo NC backgauge system
- Rear or front drop control in the same cycle
- Longer side gauge or angular cutting units



SOFTWARE

ERFOLD LBL / 2D

GLOBAL SUPPLY
TECHNOLOGIES

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Machines

- Ideal for architect series folders and 2 sided parts
- Conventional line by line numerical or easy programming by 2D sketch drawing of the part
- Material database for auto angle corrections
- Detailed programming and machine parameters
- Offline pc (office) version available
- LBL software can be upgraded to 2D remotely



SOFTWARE

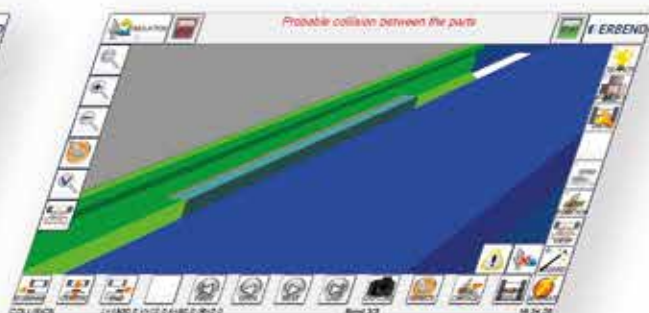
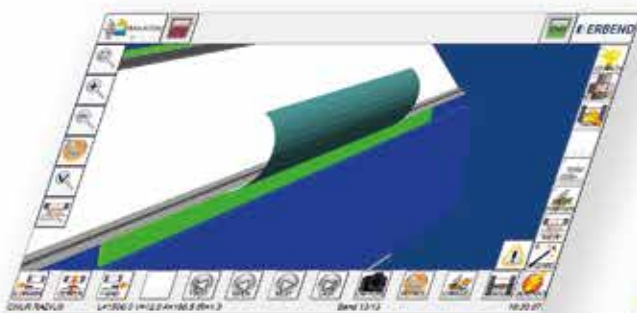
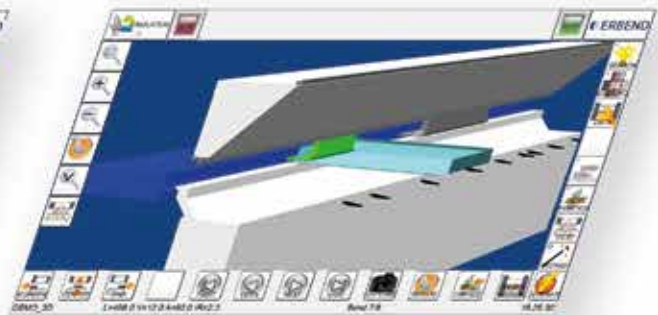
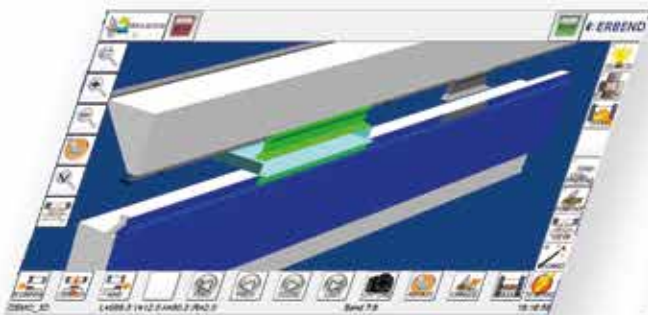
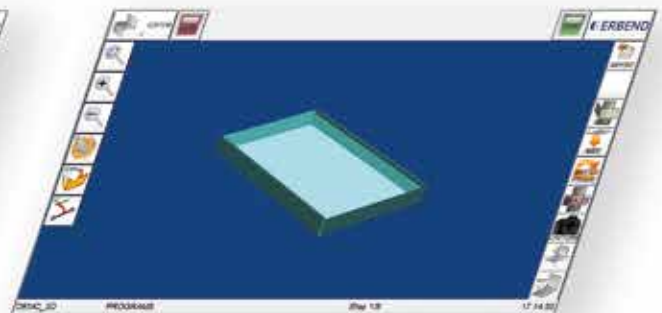
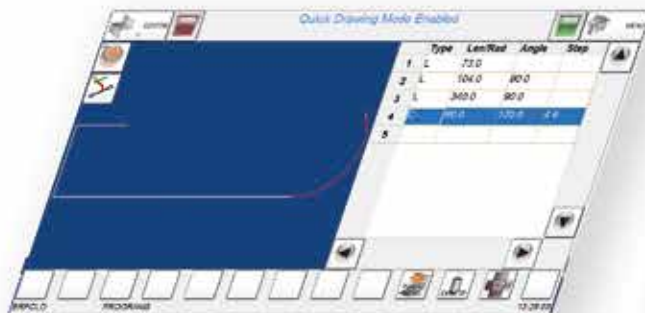
ERFOLD 3D

GRAPHICAL

GLOBAL SUPPLY
TECHNOLOGIES

Fabrication
Machines

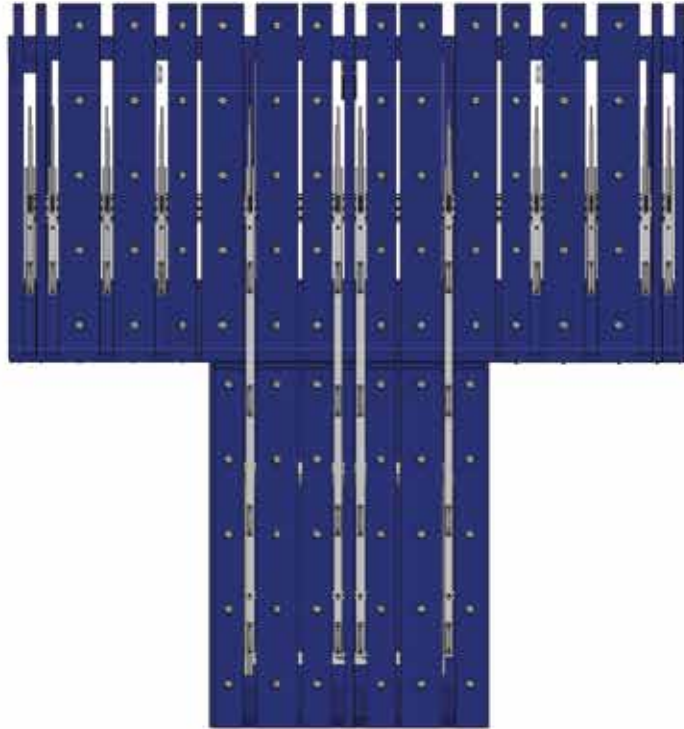
- Ideal for fabricator series folders or complicated parts
- Programming can be made by LBL, 2D drawing, 3D drawing or STEP data import
- Material database for auto angle corrections
- Detailed programming and machine parameters
- Offline pc (office) version available



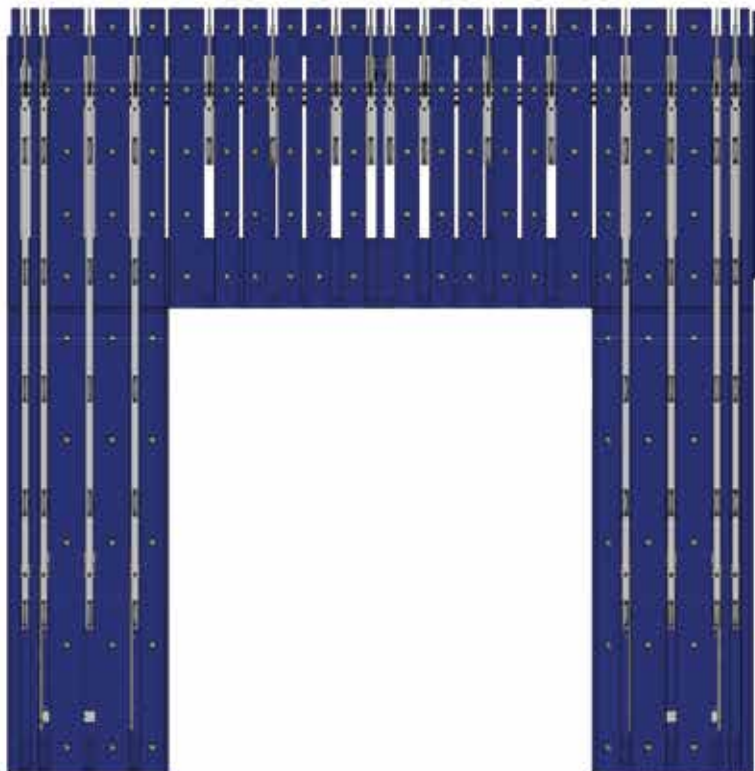
BACKGAUGE TABLE TYPES

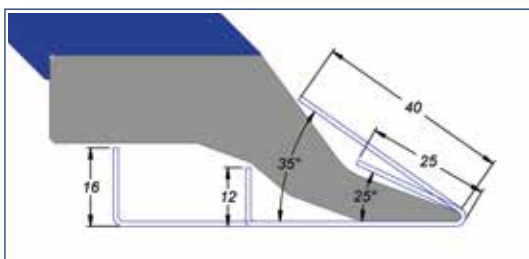
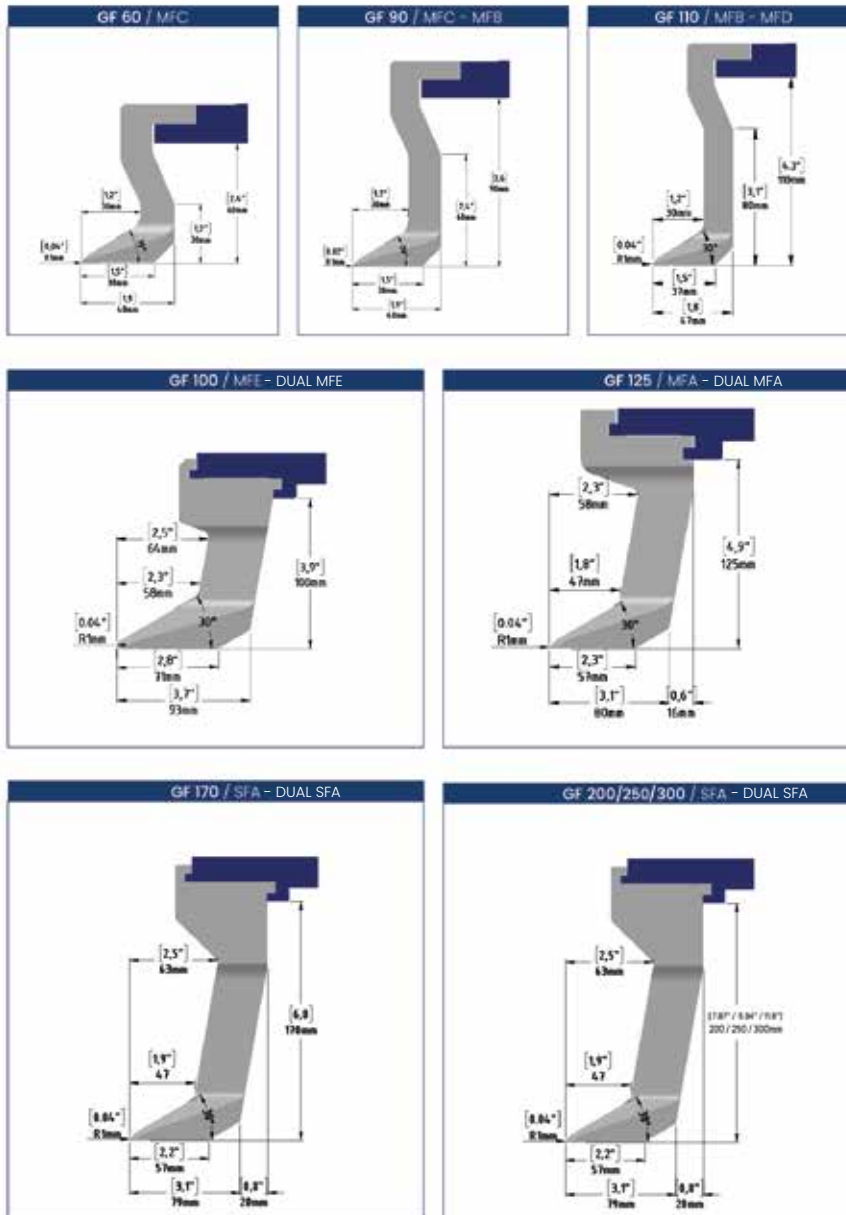
(Totally configurable upon request)

T SHAPE TABLE



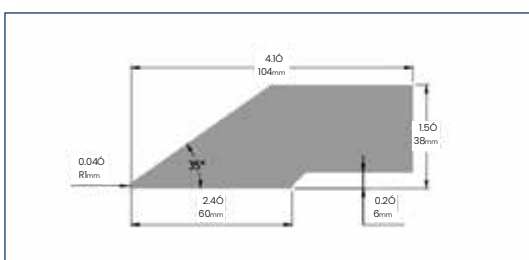
U SHAPE TABLE





Nose Radius Options from R1.5 up to R10
R1.5 - R2 - R3 - R5 - R10 mm

MFC - MFC - MFB - MFD



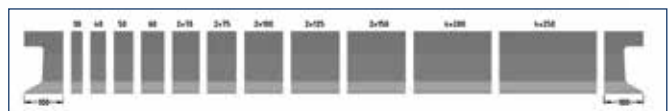
Nose Radius Options from R1.5 up to R10
R1.5 - R2 - R3 - R5 - R10 mm

MFE - MFA - DUAL MFE - DUAL MFA

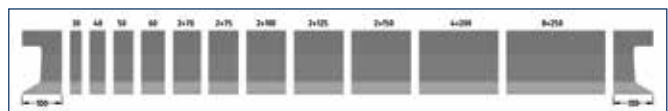
2500mm / 8.17ft



3200mm / 10.5ft



4200mm / 13.8ft



HANDLING AUTOMATION SYSTEMS

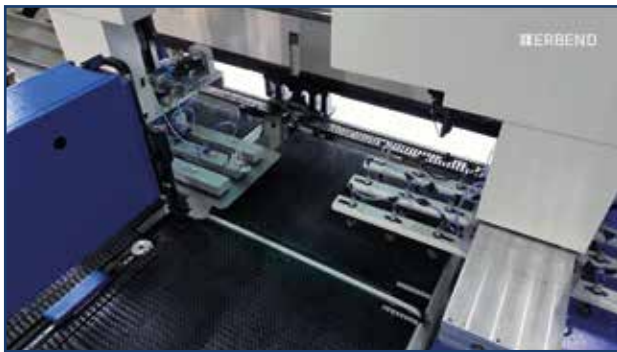
6/7 Axis Robot Sheet/Part Loading & Unloading System

- Ideal for small/medium size parts with multiple types and multiple loading/unloading stations



Cartesian Type Sheet/Part Loading & Unloading System

- Ideal for medium/large size parts with single type, serial batch production.



**GLOBAL SUPPLY
TECHNOLOGIES**

**Fabrication
Machines**



US HEADQUARTERS:

969 Hatch St
Cincinnati, Ohio 45202

Showroom :

250 Northwoods Blvd,
Vandalia, OH 45377

