



FXbend

electric press brake

EUROMAC®





Euromac steps into the world of sheet metal bending with a line of small electric press brakes that carry all the experience and features that our customers are use to benefit from all of our products.

FX bend 850



innovation



Direct drive motor and bottom pull

Maximum efficiency and reliability (no unnecessary links and moving parts), maximum accelerations (low inertia), strength and precision (no deflections on the ball screw while applying force).

Monoblock frame

The frame is made out of two interconnected Meehanite (700 N/m² resistance) monoblock frames. This delivers maximum rigidity, reliability and accuracy for your parts. Thanks to the ergonomic frame design the user works in a comfortable position, the machine allows bends up to the maximum table length and tools are easily removed from the side.
Patent Pending.



backgauge

4 Axes

X, R, Z1 & Z2
Fully automatic and programmable X, R and Z1 and Z2 axes



6 Axes

X1, X2, R1, R2 & Z1 & Z2
Fully automatic and independent movements. Carbon fiber elements reduce the weight of the fingers allowing speeds up to 1000 mm/sec. Short and fast decelerations. Maximum productivity at a glance!



tool type

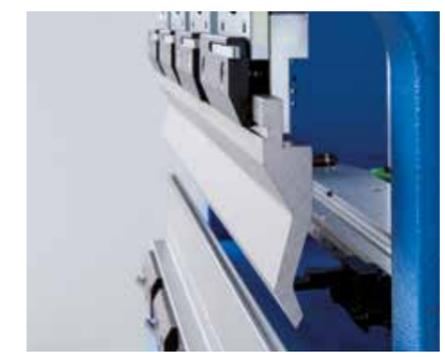
Wila (New Standard)

- Upper and lower tool holder with automatic clamping system.



Promecam (European)

- Standard configuration:*
- Upper tool holder with manual clamping system and quick lever (no tools needed)
 - Lower tool holder with manual clamping system, quick lever and compatible with Wila (new standard) type dies.

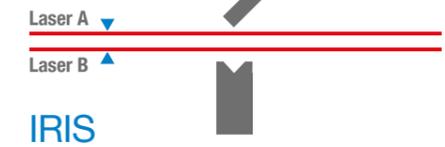


guarding system

Two choices of brake guarding system from Lazer Safe offering highly effective solutions for both the operator safety and machine productivity.

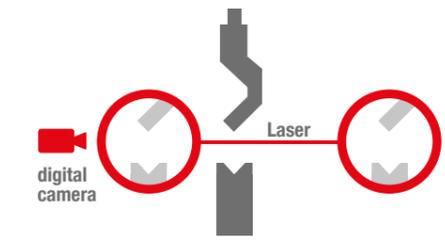
LZS-LG-HS

Allows the operator to safely work close to the tools even as the RAM and backgauge move at high speed. The maximum speed can be held up to 6 mm distance from the part. The system continuously monitors the speed and stopping performance of the pressing beam.



IRIS

RapidBend Ultimate eliminates slow speed altogether. The tools close in high speed until the punch reaches the material surface for the ultimate high speed performance. RapidBend technology can reduce machine cycle time by more than two seconds per cycle. This represents a significant saving in operating time and cost.



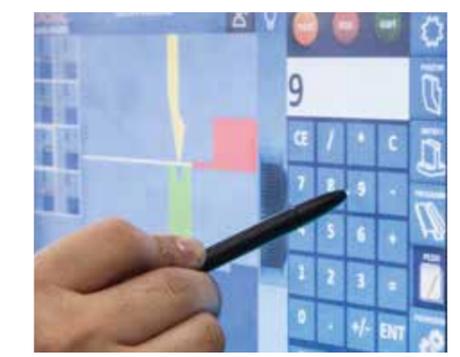
control unit



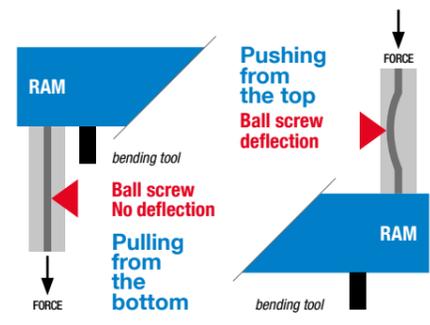
The control unit is a PANASONIC Toughbook.

- Anti glare touch-screen LCD,
- Water and dust resistant (IP65).
- Up to 9 hours battery power backup
- Impact resistant*
- Windows® 7 Professional
- USB and WiFi connection

* impact force same as the one received from a drop of 90cm, tested in Panasonic factory



FX bend technology vs Conventional technology



Speed of 200 mm/sec and deceleration until the mute point

Thanks to the direct drive, short screw and pull system, the FX bend reaches quickly the top speed and can decelerate until the punch reaches the material to a safe bending speed.



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IN ITALY BY EUROMAC



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All information and data on this catalogue is subject to change
without notice.

technical data

	850
Max. bending force (kN)	200
Bending length (mm)	850
Y axis stroke (mm)	196
Y axis speed (mm/sec)	200
Inclination (mm) (Y1-Y2)	-
Opening (mm) (table to ram)	470 (395)
X axes stroke (mm) (4 axes X-R-Z1-Z2)	375 + 400
R axes stroke (mm) (4 axes X-R-Z1-Z2)	180
Z axes stroke (mm) (4 axes X-R-Z1-Z2)	850 - 85x2
X axes speed (mm/sec) (4 axes X-R-Z1-Z2)	250
R axes speed (mm/sec) (4 axes X-R-Z1-Z2)	600
Z axes speed (mm/sec) (4 axes X-R-Z1-Z2)	1100
X axes stroke (mm) (6 axes X1-X2-R1-R2-Z1-Z2)	375 + 230
R axis stroke (mm) (6 axes X1-X2-R1-R2-Z1-Z2)	180
Z axis stroke (mm) (6 axes X1-X2-R1-R2-Z1-Z2)	744
X axis speed (mm/sec) (6 axes X1-X2-R1-R2-Z1-Z2)	1000
R axis speed (mm/sec) (6 axes X1-X2-R1-R2-Z1-Z2)	650
Z axis speed (mm/sec) (6 axes X1-X2-R1-R2-Z1-Z2)	800
Connections wireless/USB port	YES/2
Motor power (kW)	1x5,2
Connected load (kWa)	5
Approx. weight (kg)	2500

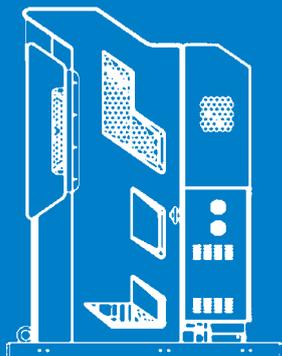
Easy transportability

Fork lift ready and optimized weight distribution for easy transportability: quickly rearrange your shop floor allowing a maximized and lean productivity.



Ergonomics

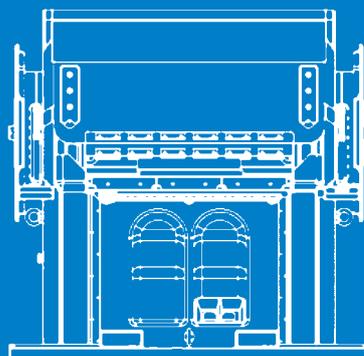
Machine specifications such as speed and productivity could be meaningless without keeping in account the human interaction. The Euromac FX bend is designed to be user friendly and have ergonomic features in order to be comfortable for the operator to improve the productivity and ultimately be cost-effective.



Width (mm)

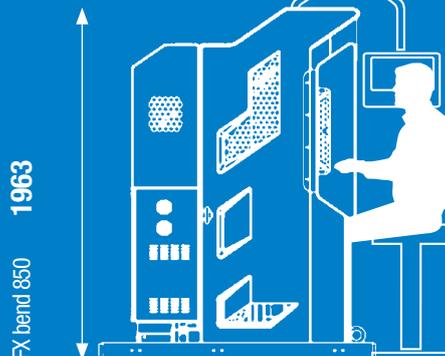
FX bend 850

1550



Length (mm)

1850



FX bend 850

Height (mm)

1963