

ELLEX

BY OMEC ENGINEERING

series FX4A

90 | 100

Complete double pre-bending,
automatic 4-roll plate rolling machines



series **FX4A**

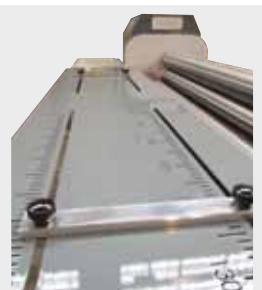
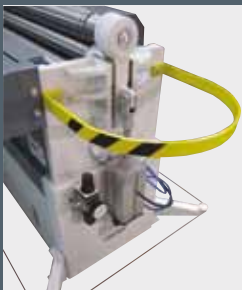


THE CHARACTERISTICS INDICATED DEPEND ON THE NUMBER OF PASSES AND THE MATERIAL STRENGTH.
 REFERENCE MATERIAL: YIELD STRESS: $\leq 240\text{N/mm}^2$; BREAKING STRENGTH $\leq 440\text{N/mm}^2$.
 CONE ROLLING: $\leq 70\%$ MACHINE CAPACITY. THE MACHINES COMPLY WITH THE CURRENT HEALTH
 AND SAFETY STANDARDS (EC MACHINERY DIRECTIVE).

FX4A.90

FX4A.100

MODEL	PROCESSING WIDTH MM	Ø UPPER / LOWER / SIDE ROLL (D) MM	MAX. ROLLING CAPACITY			POWER KW	OVERALL WEIGHT KW	DIMENSIONS D x W x H (mm)
			1.5 X D	3 X D	5 X D			
FX4A.90.1030	1030	90-90-95-95	2	2,5	3	3	900	1340x2290x1300
FX4A.90.1330	1330	90-90-95-95	1,8	2	2,5	3	990	1340x2590x1300
FX4A.90.1530	1530	90-90-95-95	1,2	1,5	2	3	1050	1340x2790x1300
FX4A.100.1030	1030	100-100-95-95	2,5	3	3,5	3,5	940	1340x2290x1300
FX4A.100.1330	1330	100-100-95-95	2	2,5	3	3,5	1050	1340x2590x1300
FX4A.100.1530	1530	100-100-95-95	1,5	2	2,5	3,5	1120	1340x2790x1300



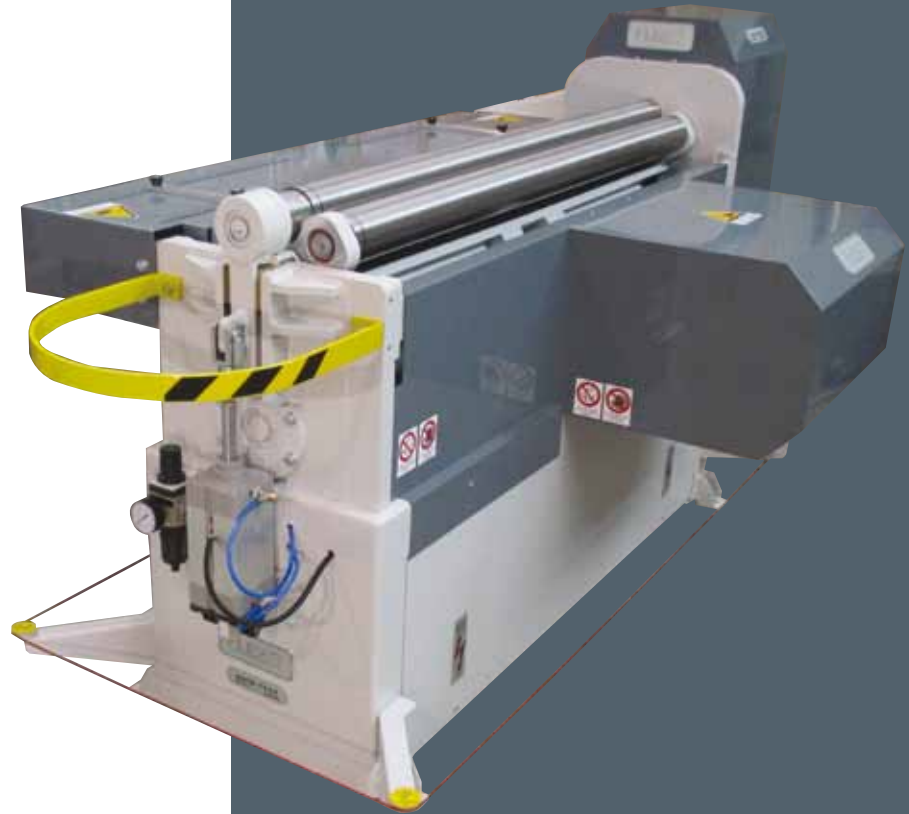
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The **FX4A series** are complete double pre-bending, 4-roll plate rolling machines suitable for small to medium-high production rates. They can manufacture circular, rectangular and oval pipes.

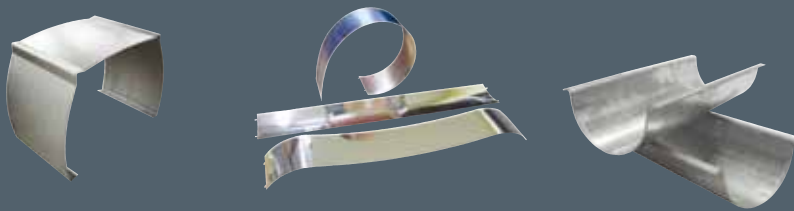
They are easy to use in any metalworking department. Their reliable repeatability and working speed make them the ideal choice for high quality results. We offer plate rolling machines for curving aluminium, stainless steel, and iron plates in thicknesses from 0.8 to 3 mm.

All of the machines are standard equipped with a colour TOUCH SCREEN CNC, allowing, in a very simple manner, better management of the curve profiles, with the capability of filing them for later use.



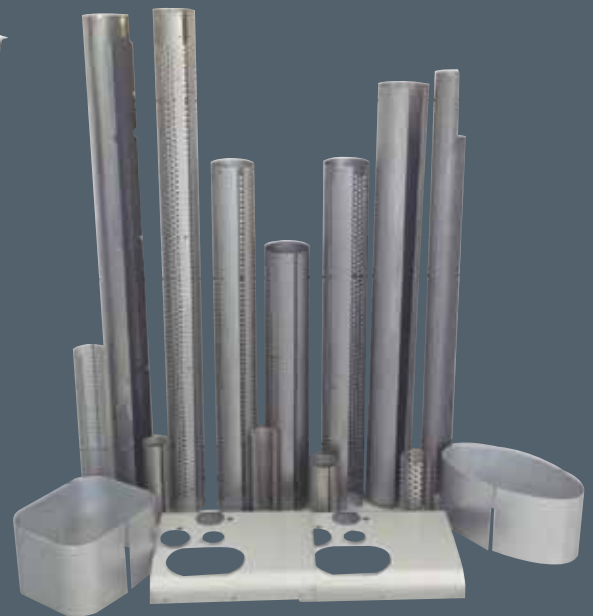
FX4A STANDARD EQUIPMENT

ELECTRONIC PHASE CONTROL for power supply
ELECTRICAL CABINET TO EC STANDARDS
PIN CONNECTOR for machine—pedal control unit connection
CNC CN4M ECO WITH 7" COLOUR TOUCHSCREEN WITH SELF-LEARNING
PNEUMATIC PLATE PINCHING
UPPER and LOWER Rolls MOTORIZED rotating with equal power
AUTOMATIC OPENING OF FRONT BRACKET
UPPER ROLL BALANCING when front bracket opened with bearing
ROLL TEMPER HRC 55-58
PLATE PINCHING PRESSURE ADJUSTMENT
SPECIAL SCREENED BEARINGS ON 4 ROLLS
SPECIAL BEARINGS FOR RELEASE BRACKET SLEEVE



FX4A OPTIONAL ACCESSORIES

ROLLS GROUND after tempering
SIDE LOADING TABLE WITH PLATE CENTERING DEVICE



Main phases of 4-roll plate bending. The second pre-bend is obtained without needing to extract and rotate the plate 180°



OMEC Costruzioni meccaniche

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