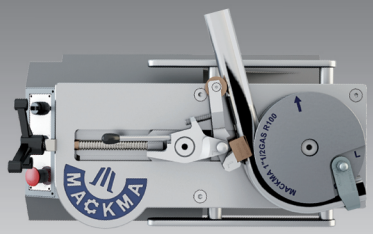
BENDING MACHINE BM48 MACKMA

Perfect bends and innovation, like a straight line.

Tube and Pipe Bending machine BM48, non mandrel, electric, semi-automatic.

Right and left hand bending
Underhead bending
Integrated connection for pipe deburring tool
Variable speed
Low energy consumption



WARRANTY 2 YEARS MACKMA

NEW GENERATION 2015

MACKMA
GRUPPO MASSARO

Sistema di management certificato SQS ISO 9001

CERTIFIED IQNet MANAGEMENT SYSTEM

BENDING MACHINE BM48 MACKMA

Tube and Pipe Bending machine BM48, non mandrel, electric, semi-automatic.

The **BM48 Bending Machine** is **THE ONLY non mandrel pipe bending machine** able to bend tubes and pipes to the left or right, by means of a reversible die holder, designed and patented by us.
Other unique benefits include a connection for the installation of a useful internal/external tube deburring tool.

The innovative design allows the bending of pipes up to 48 mm in diameter and 3,5 mm in wall thickness. With a maximum of 260 mm centre line radius it is capable of maximum performance for this size of machine, even in the most demanding markets.

The bend rotation speed [2 to 3 RPM] is monitored by a dedicated inverter, to ensure the correct bending speed according to the diameter and thickness of the tube.

The compact **"cantilever head"** allows bending complex component shapes that may require the tube passing under the gearbox assembly.

The modular design of the bending shaft assembly also allows the use of most competitors tooling, reducing long term tooling costs.

The inverter-controlled motor reduces energy consumption to a minimum. The machine is mounted on precision casters for effortless movement around busy workshops and sites **Mackma** uses only 100% high quality Italian components to ensure long-term reliability.

Testament to the high quality of their machines is Mackma's standard 2 year warranty.

The image shown above is understood as a preliminary indication. MACKMA reserves the right to change form and function which are used exclusively for innovative improvements.

SUITABLE FOR SECTORS, SUCH AS:

Industrial Tools, Tubular furniture
Automotive/Motorcycle
Dairy and Marine
Sport and fitness, Hydraulics
Factory maintenance... and many others...

NEW GENERATION 2015

MAIN TECHNICAL DATA BM48

Pipe Max Outer Diameter	48	mm
Max Torque	2400	N/m
Diameter using FE – 42 kg/mq	48x3,5	mm
Diameter using FE – 35 kg/mq	48x4	mm
Diameter using AISI 304/316 – 65 kg/mq	48x2	mm
Maximum radius	260	mm
Height of the head	188	mm
Projection of the head	285	mm
Max curvature angle	180°	
Maximum rotation speed	3	rpm
Bending direction	rightward and leftward	
Electric tension	380/400	V ac
Max installed power	1,1	KW
Weight	110	Kg
Dimensions (WxhxL)	440x970x700	mm
Operating temperature	0 - 50°	C

MACKMA
GRUPPOMASSARO

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