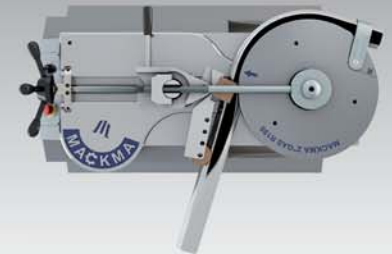
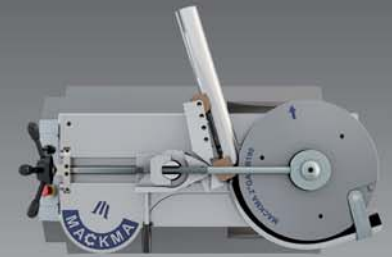


# BENDING MACHINE BM60 MACKMA

Perfect bends and innovation, like a straight line.

- 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



# BENDING MACHINE BM60 MACKMA

*Tube and Pipe Bending machine  
BM60, non mandrel,  
electric, semi-automatic.*

The **BM60 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 60 mm in diameter and 4 mm in wall thickness. With a maximum of 380 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 [1 to 2 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.

**MACKMA**  
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## SUITABLE FOR SECTORS, SUCH AS:

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



## MAIN TECHNICAL DATA BM60

Pipe Max Outer Diameter	60	mm
Max Torque	8000	N/m
Diameter using FE – 42 kg/mq	60x4	mm
Diameter using FE – 35 kg/mq	64x5	mm
Diameter using AISI 304/316 – 65 kg/mq	64x3	mm
Maximum radius	380	mm
Height of the head	300	mm
Projection of the head	360	mm
Max curvature angle	180°	
Minimum rotation speed	1	rpm
Maximum rotation speed	2	rpm
Bending direction	rightward and leftward	
Electric tension	440	V
Max installed power	1,5	KW
Weight	210	Kg
Dimensions (WxHxL)	660x1100x1000 mm	
Operating temperature	0 - 50°	

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**dm**  
DELAHENTY  
MACHINERY

MACHINE TOOL MERCHANTS SINCE 1964