

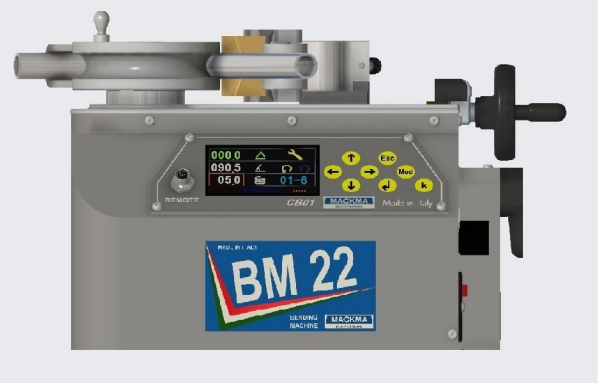
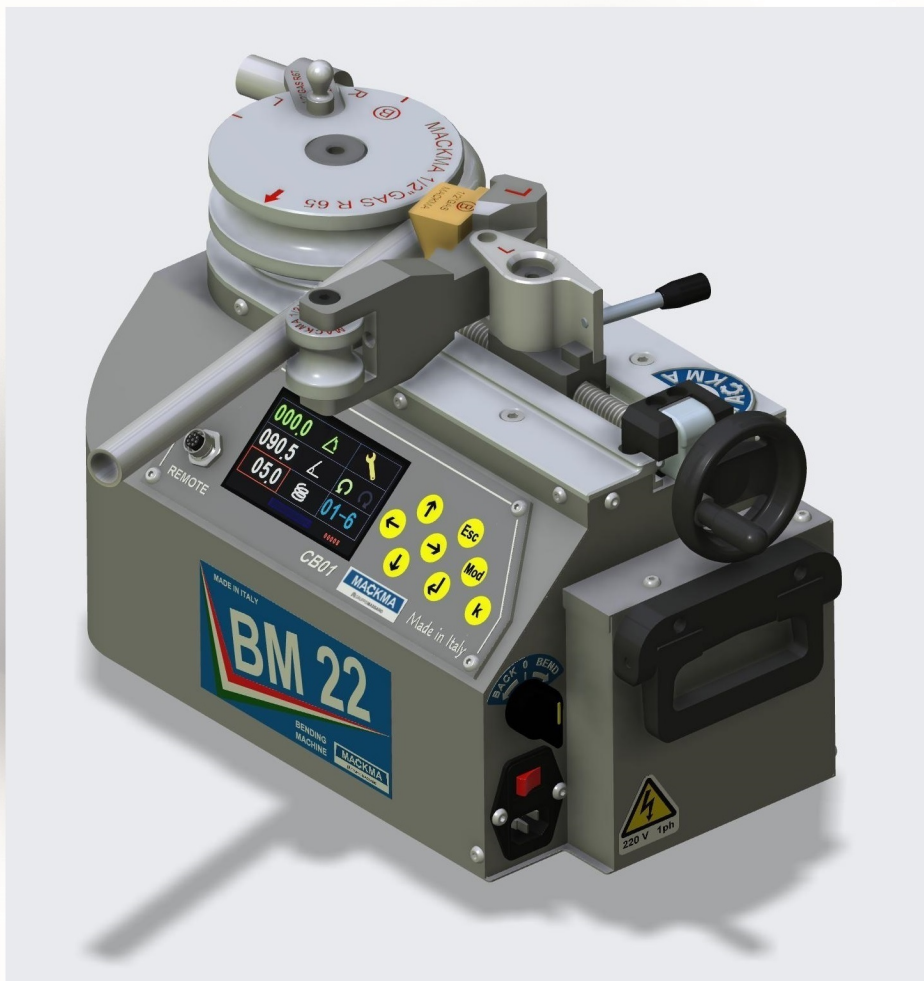
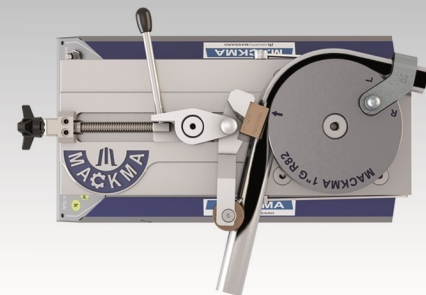
# BENDING MACHINE BM22 MACKMA

Perfect bends and innovation, like a straight line.

Rightward and leftward bending  
Low energy consumption  
Variable speed

WARRANTY  
**2 YEARS**  
MACKMA

*Tube and Pipe Bending machine BM22 , non mandrel, electric, semi-automatic.*



NEW  
GENERATION  
2017

**MACKMA**  
GRUPPO MASSARO



# BENDING MACHINE BM22 MACKMA

*Tube and Pipe Bending machine  
BM22, non mandrel,  
electric, semi-automatic.*

The **BM22 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. The innovative design allows the bending of pipes up to 21,3 mm in diameter and 2,77 mm in wall thickness. With a maximum of 120 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 3 RPM] is monitored by a dedicated inverter, to ensure the correct bending speed according to the diameter and thickness of the tube.

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.

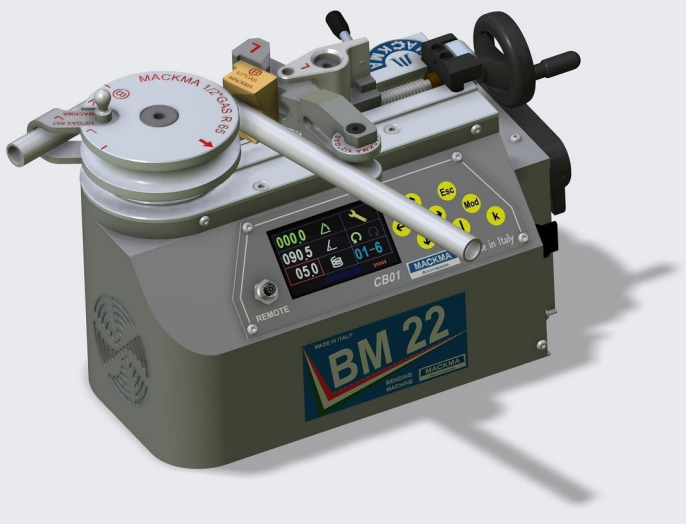
## SUITABLE FOR SECTORS, SUCH AS:

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



## MAIN TECHNICAL DATA BM22

Pipe Max Outer Diameter	22	mm
Max Torque	400	N/m
Diameter using FE – 42 kg/mq	21,3x2,77	mm
Diameter using FE – 35 kg/mq	21,3x3	mm
Diameter using AISI 304/316 – 65 kg/mq	20x2	mm
Maximum radius	120	mm
Max curvature angle	180°	
Minimum rotation speed	1	rpm
Maximum rotation speed	3	rpm
Bending direction	rightward and leftward	
Electric tension	220/230	V ac
Max installed power	0,37	KW
Weight	19,8	Kg
Dimensions (WxHxL)	202x256x397	mm
Operating temperature	0 - 50°	C



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

GRUPPO MASSARO

Via Volla snc  
03030 Piedimonte San Germano (FR)  
Tel. +39 0776 404326 - 403489  
Fax +39 0776 403460  
info@mackma.com  
www.mackma.com

