

x-oro[®]

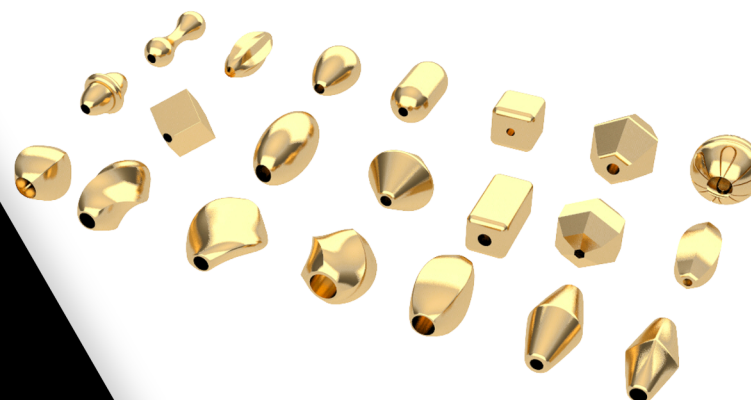
JEWELLERY MACHINERY

ROBO BALL RB15

Macchina automatica per la produzione di palline sciolte, lisce e rigate o forme complesse partendo da tubo saldato e non (di leghe preziose e non)

Automatic machine for the production of loose, smooth and striped balls/beads or beads with complex shapes starting from both welded and non-welded tubes (in precious and non-precious alloys)

Ball size	min. Ø 1,8 mm - max Ø 15 mm
Production	up to 60 pcs / min
Power supply	380 V - 50 Hz
Absorption power	6.5 kW
Machine dimensions	160x92xh185 cm
Net weight	1240 kg



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INDUSTRY



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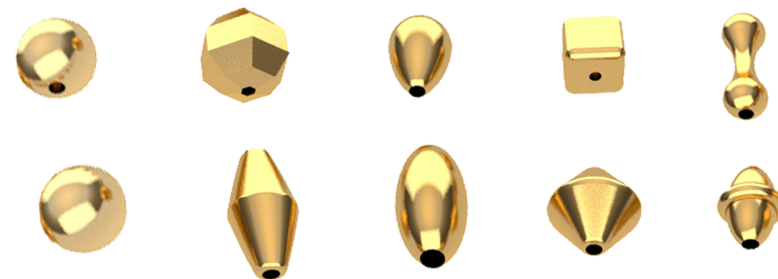
Info:

BALL MACHINE BM15

Macchina automatica per la produzione di palline sciolte, sferiche o di altre forme, lisce e rigate partendo da tubo o da lastra metallica (di leghe preziose e non)

Automatic machine for the production of spherical or differently shaped, smooth and striped loose balls/beads, starting from a tube or metal plate (in precious as well as non-precious alloys)

Ball size	from Ø 1,80 mm - to Ø 15 mm
Production	60 pcs/min
Power supply	380 V - 50 Hz
Absorption power	3,7 kW
Machine dimensions	160 x 92 x h190 cm
Net weight	1100 kg



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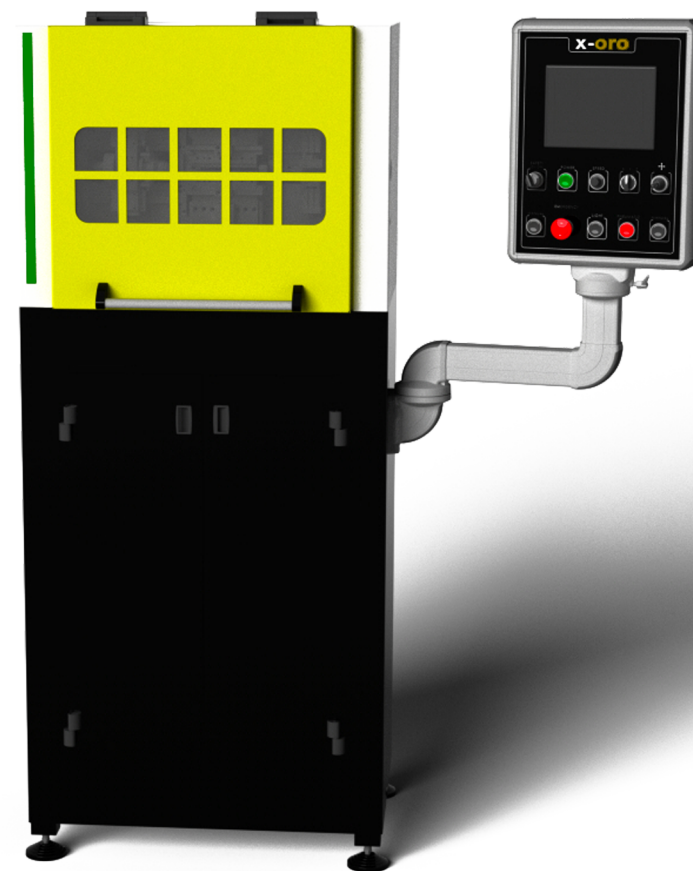
Info:

ROBO BALL RB06

Macchina automatica per la produzione di palline sciolte, lisce e rigate o forme complesse partendo da tubo saldato e non (di leghe preziose e non)

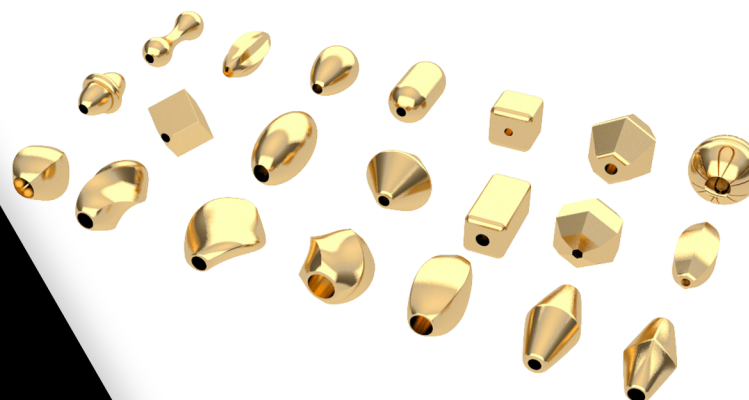
Automatic machine for the production of loose, smooth and striped balls/beads or beads with complex shapes starting from both welded and non-welded tubes (in precious and non-precious alloys)

Ball size	min. Ø 1,8 mm - max Ø 6 mm
Production	up to 100 pcs / min
Power supply	380 V - 50 Hz
Absorption power	4.5 kW
Machine dimensions	125x55xh162 cm
Net weight	650 kg



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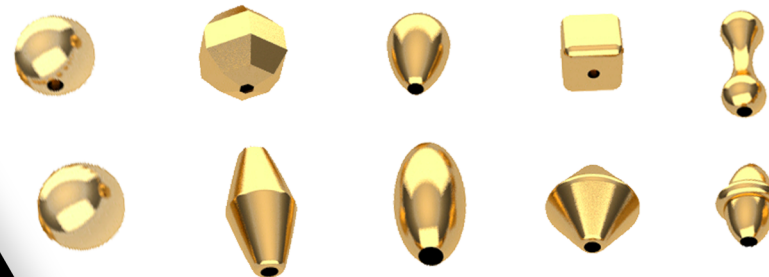
Info:

BALL MACHINE BM06

Macchina automatica per la produzione di palline sciolte, lisce, rigate partendo da tubo o da lastra metallica (di leghe preziose e non) da Ø 1mm – 6 mm

Automatic machine for the production of loose, smooth, striped balls/beads starting from a tube or metal plate (in precious and non-precious alloys) from Ø 1mm up to 6 mm

Workable dimensions	min. Ø 1 mm - max Ø 6 mm
Production	up to 120 pcs/min
Power supply	220 V - 50 Hz - ph
Power consumption	1,2 kW
Machine dimensions	54 x 55 x h.167 cm
Net weight	350 kg



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Info:

ROTO BALL RB20

Macchina automatica per la calibratura di palline a 1 / 2 fori o totalmente chiuse (di metalli preziosi e non), permettendo in un solo passaggio, di calibrare sia la sfericità delle palline, che il diametro dei fori.

Automatic machine for the calibration of 1/2-hole or totally closed balls/beads (in precious and non-precious metals), which makes it possible to calibrate in one single step both the sphericity/roundness of the balls/beads and the diameter of the holes.

Ball size	min. Ø 1,5 mm - max Ø 20 mm
Production	up to 100 pcs/min
Power supply	380 V - 50 Hz
Power consumption	0,95 W
Machine dimensions	52 x 56 x h136 cm
Net weight	160 kg



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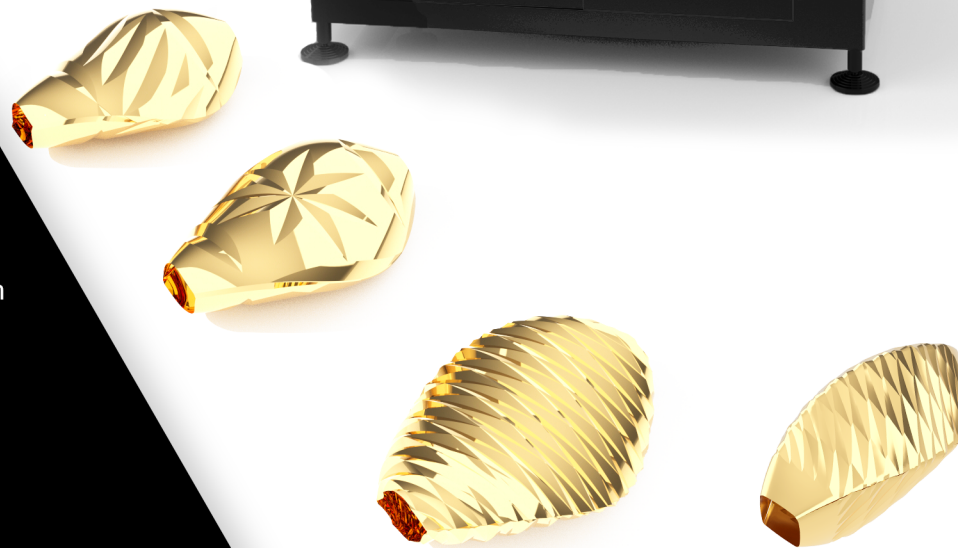
Info:

ROBO CUT RC15

Macchina a controllo CNC per la diamantatura di palline sferiche, o di forme particolari

CNC-controlled machine for the diamond cutting of spherical balls, or of particular shapes.

Control	9 AXIS CNC
Tool rotation speed	18000 rpm
Tool size	Ø 100 mm standard - on request Ø 80 mm
Power	3 kW
Power supply	230 V 50/60 Hz
Pneumatic feeding	6 bar
Machine weight	850 kg
External dimensions	180 x 100 x h190 cm



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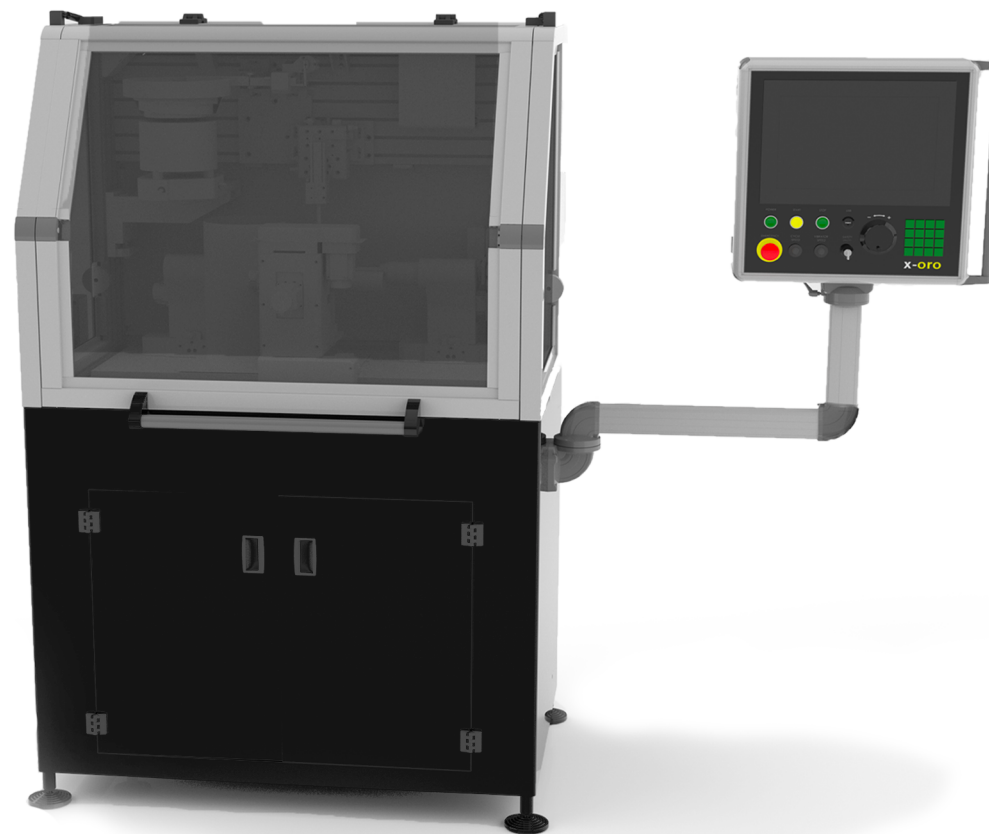
Info:

D.CUT DC06

Diamantatrice per palline/ovaline/cilindri
da Ø 2 – Ø 6 mm

Diamond cutting machine for
balls/beads/oval balls/cylinders
as from Ø 2 up to Ø 6 mm

Tool rotation speed	18000 rpm
Tool size	Ø 100 mm - Ø 80 mm on request
Power	3 kW
Power supply	220 V - 50/60 Hz
Pneumatic feeding	6 bar
Machine weight	400 kg
External dimensions	90 x 90 x h160 cm



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Info:

ROBO ROSARY RR15

Macchina con PLC per la produzione di Catena Rosario o di Palline Sciolte, lisce o di altre forme, con l'aggiunta tramite un nuovo sistema brevettato, di effetti decorativi ottenuti in un solo passaggio

Rosary Chain or single Balls Making Machine, smooth or other forms, with the addition through a new patented system, of decorative effects obtained in one step.

Workable dimensions	min. Ø 2 mm - max Ø 15 mm
Production	up to 30 pcs/min
Power supply	380 V - 50 Hz
Power consumption	6,5 kW
Machine dimensions	190 x 92 x h185 cm
Net weight	1270 kg



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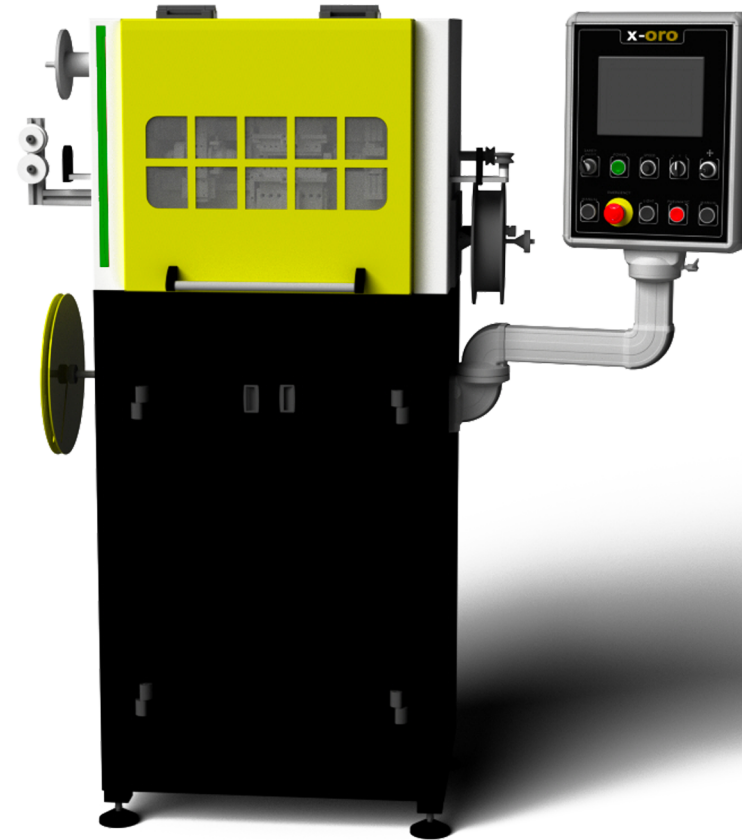
Info:

ROBO ROSARY RR06

Macchina con PLC per la produzione di Catena Rosario o di Palline Sciolte, lisce o di altre forme, con l'aggiunta tramite un nuovo sistema brevettato, di effetti decorativi ottenuti in un solo passaggio

Rosary Chain or single Balls Making Machine, smooth or other forms, with the addition through a new patented system, of decorative effects obtained in one step.

Workable dimensions	min. Ø 2 mm - max Ø 6 mm
Production	up to 45 pcs/min
Power supply	380 V - 50 Hz
Power consumption	4,5 kW
Machine dimensions	135 x 55 x h162 cm
Net weight	670 kg



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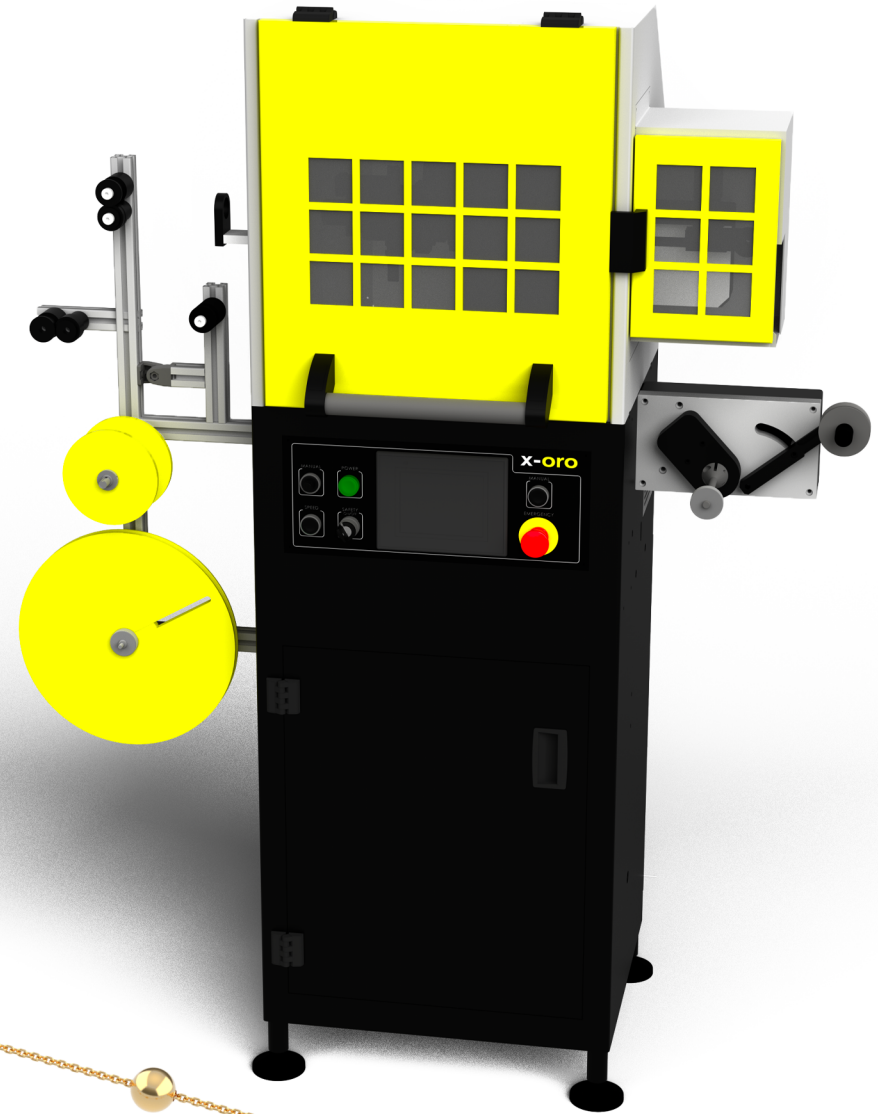
Info:

ROSARY R06

Macchina automatica per la produzione di catena rosario (di leghe preziose e non) con palline lisce e disegnate partendo da tubo o da lastra, aggraffate su catena

Automatic machine for the production of rosary chains (in precious as well as non-precious alloys) with smooth balls designed starting from a tube or plate, crimped onto a chain.

Ball size	min. Ø 1,8 mm - max Ø 6 mm
Production	up to 30 pcs/min
Power supply	380 V - 50 Hz
Machine dimensions	120 x 55 x h167 cm
Net weight	370 kg



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Info:

ROBO CUT ROSARY RCR15

Macchina a controllo CNC per la diamantatura di catena Rosario con palline sferiche o di forme particolari e di catena a palline.

CNC-controlled machine for the diamond cutting process of rosary chain with spherical balls/beads or of balls with special shapes and of ball/bead chain.

Control	9 AXIS CNC
Tool rotation speed	18000 rpm
Tool size	Ø 100 mm standard - on request Ø 80 mm
Power	3 kW
Power supply	230 V 50/60 Hz
Pneumatic feeding	6 bar
Machine weight	850 kg
External dimensions	180 x 100 x h190 cm



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INDUSTRY



Info:

INCANNATRICE RULLATA IR05/IR08

Macchina automatica per la produzione di filo aggraffato, per la realizzazione di catene vuote fatte a mano o a macchina, in oro, platino o argento

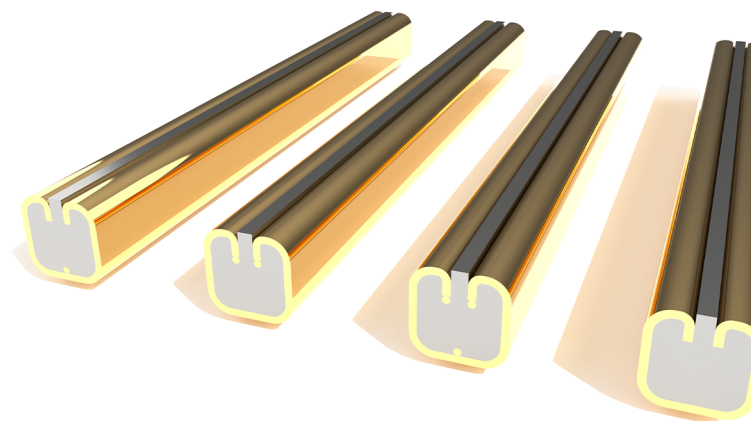
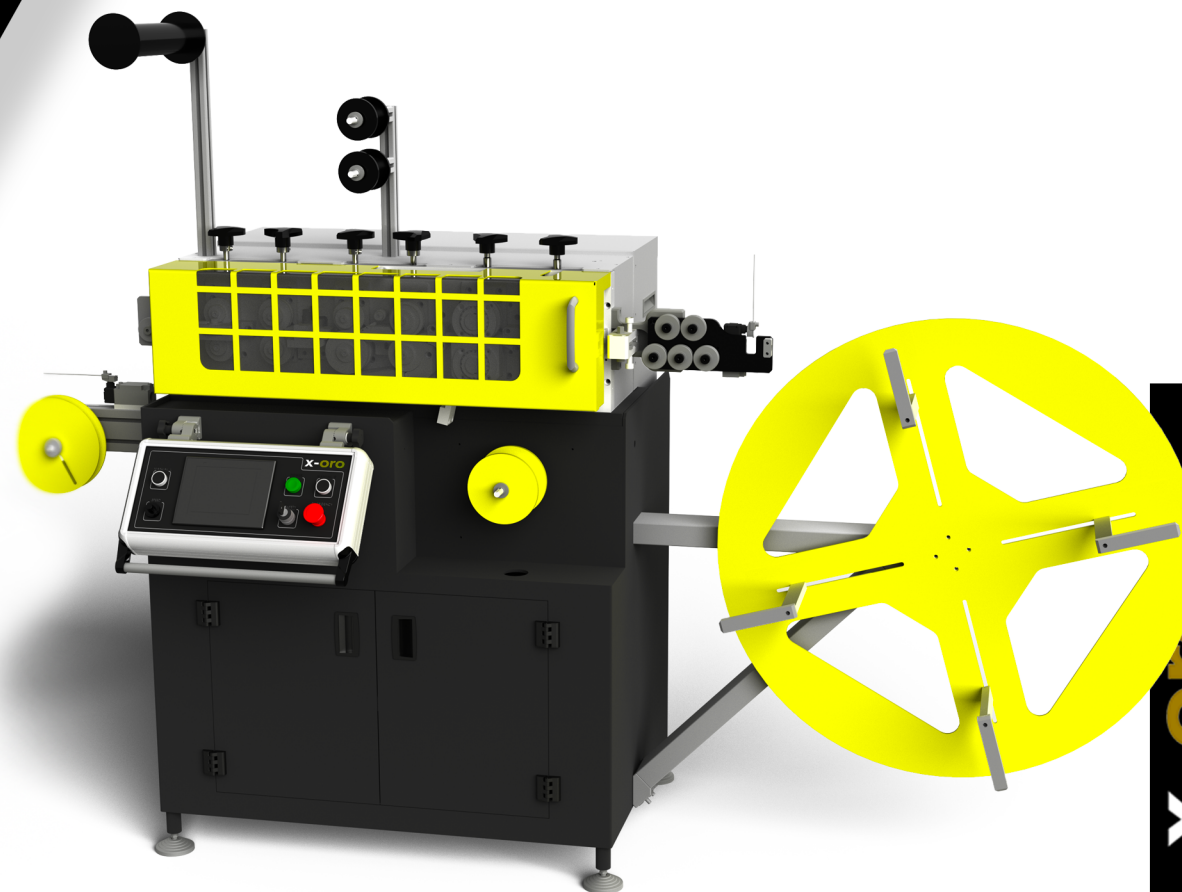
Automatic machine for the production of crimped wire, for the production of hollow chains made by hand or by machine, in gold, platinum or silver

Workable dimensions and equipment:

Wire ("core")	Ø 5 mm, in tombak, copper or iron
Thick. Sheet	from 0.15 -0.80 mm
Laminating Heads	2
Profiling Heads	4
Welding	possibility to insert 1, 2 or 3 welding.
Productivity	1,5 mt / min

Technical features:

Power	3.3 Kw
Power supply	380v 50Hz - 3ph
Machine dimensions	240x80x h170 cm
Weight	550 Kg.



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Info:

AGGRAFFATRICE FRESATA AF05 / AF08

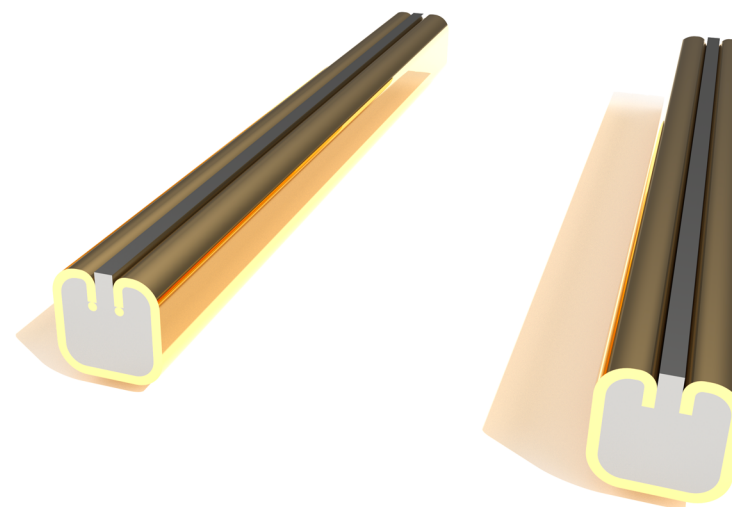
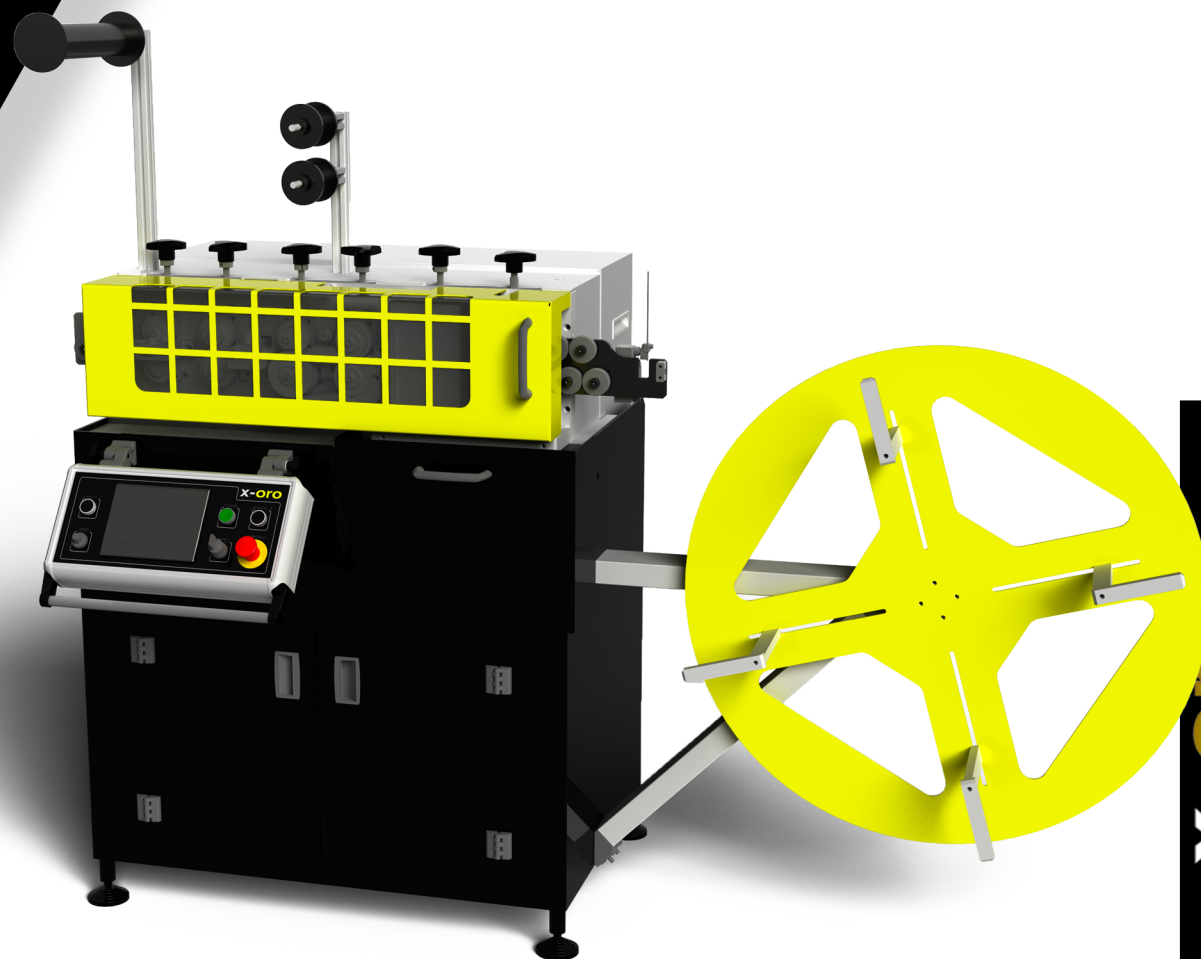
Macchina automatica per la produzione di filo aggraffato, per la realizzazione di catene vuote fatte a mano o a macchina, in oro, platino o argento

Automatic machine for the production of crimped wire, for the production of hollow chains made by hand or by machine, in gold, platinum or silver.

Workable dimensions and equipment:

Wire ("core"): Ø 5 mm or Ø 8 mm, in tombak, copper or iron

Thick. Sheet	from 0.15 -0.80 mm
Cutter Group	1
Profiling Heads	4
Welding	possibility to insert 2 welding wires
Productivity	1 mt / min
Technical features:	
Power:	3.3 Kw
Power supply	380v 50Hz - 3ph
Machine dimensions	240x80x h170 cm
Weight	550 Kg.



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Info:

ROBO MART RM08

Macchina automatica per la martellatura in continuo di fili o tubi vuoti o pieni con disegni personalizzabili su filo o tubi a sezione tonda, triangolare, rettangolare, mezza tonda etc. (di leghe preziose e non)

Automatic machine for continuous hammering of empty or solid wires or tubes with customizable designs on wire or tubes with round, triangular, rectangular, half-round section etc. (in precious and non-precious alloys)

Workable dimensions	min. Ø 2 mm - max Ø 15 mm
Workable Dimensions	Ø 0.5 mm min. - Ø 8 mm max
Production	4 m / min
Power supply	220 V
Absorption power	2,2Kw
Machine Dimensions	110 x 80 x h.105 cm
Net weight	190 kg



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Info:

FORZATINE FZ100

Macchina per la produzione di catena
Forzatina/Grumetta lineare e a scalare

Machine for the production of linear
and scaled Trace / Groumette chain.

Machinable wires from 0,30 up to 1,00 mm
Machine dimensions 100 x 120 x h.160 cm



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Info:

ROBO CUT CHAIN RCC15

Macchina a controllo per la
diamantatura di catene
particolari

CNC-controlled machine for the
diamond cutting of particular
chains

Control	9 AXIS CNC
Tool rotation speed	18000 rpm
Tool size	Ø 100 mm standard - on request Ø 80 mm
Power	3 kW
Power supply	230 V 50/60 Hz
Pneumatic feeding	6 bar
Machine weight	850 kg
External dimensions	180 x 130 x h190 cm



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Info:

TRECCIATRICE TR13

Macchina automatica per la produzione
di cavetto a fili intrecciati

Automatic machine for the production
of braided wire with twisted threads.

Workable dimensions	from 0.40 mm to 1.5 mm
Machine dimensions	850x 600 x h180 cm
Power supply	220V
Weight	320 kg



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Info:

BENDER BE04

Avvolgitore automatico con P.L.C. per la produzione di orecchini, bracciali, catene fantasia e semilavorati di vario genere

Automatic winder with P.L.C.-system for the production of earrings, bracelets, fancy chains and semi-finished products of various kinds.

Workable dimensions	Wires or tubes \varnothing 0,50 - \varnothing 4 mm
Machine dimensions	70 x 70 x h170 cm
Power Supply	220 V
Weight	230 kg



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Info:

A large, stylized 'X' logo composed of two overlapping, slightly offset black shapes. The 'X' is positioned on the left side of the page, with its right edge overlapping a white rectangular area.

X-ORO S.R.L.

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