

MTS22



Main characteristics
 Cutting range: from D.1.8 to D.22 mm.
 Lengths: from 25 mm. To 99.999 mm.
 Kind of material: copper aluminium from a min.thickness 0,20 to a max.1,20 mm.
 Iron FE 37 from a min. thickness 0,40 to a max 1 mm.
 AISI stainless steel from a min.thickness 0,40 to a max. 0,8 mm.
 Pull apart strength: 664 N
 Straightening nominal capacity: 82 mt/1'

This machine allows the orbital cut of copper tube, light alloys or steel, starting from coil. The special pneumatic pull creates a tension on the tube allowing a burr free and chipless cut. The advantage of this system is to optimize the cut according to the tube diameter; the exclusivity of the tuning system affords the cut of different diameters with a very short toolings change time.

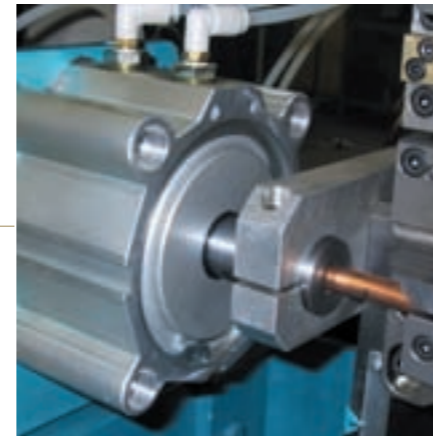


MTP

Main characteristics
 Cutting range: from D.1.8 to D.22 mm.
 Lengths: from 25 mm. To 99.999 mm.
 Kind of material: copper aluminium from a min. thickness 0,20 to a max. 1,50 mm.
 Iron FE 37 from a min. thickness 0,40 to a max 1 mm.
 AISI stainless steel from a min. thickness 0,40 to a max. 0,9 mm.
 Pull apart strength: 8300 N
 Straightening nominal capacity: 82 mt/1'

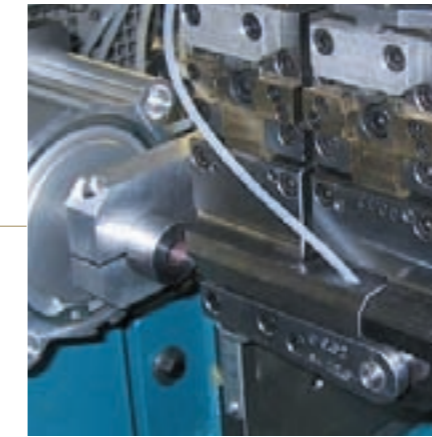
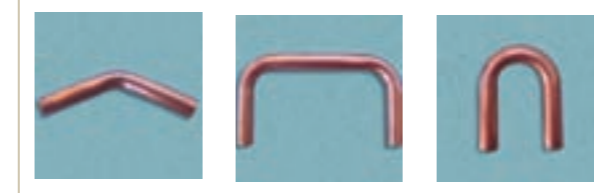
MTP22

Application fields
 Heat exchangers
 Industrial and domestic refrigeration



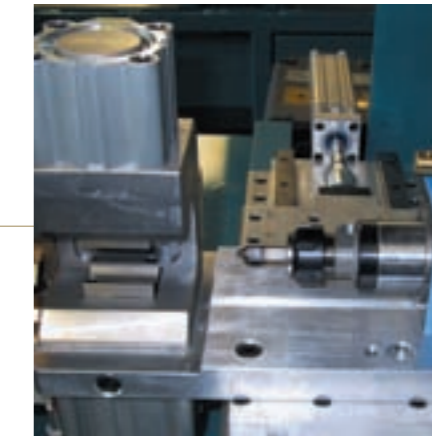
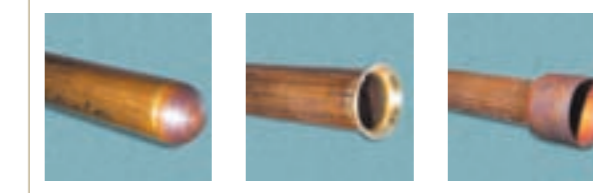
PNC 16

Application fields
 Air conditioning, Refrigeration,
 Electrical appliances, Taps and fittings



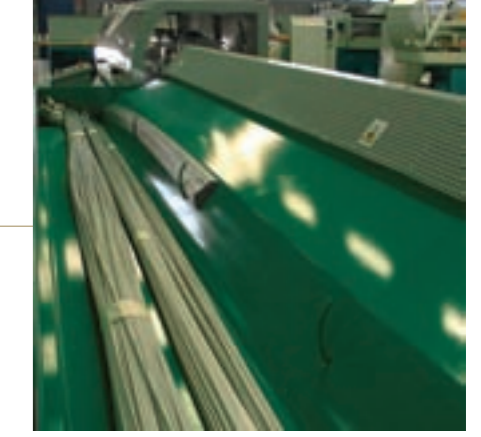
PNP 16

Application fields
 Air conditioning, Refrigeration,
 Electrical appliances.

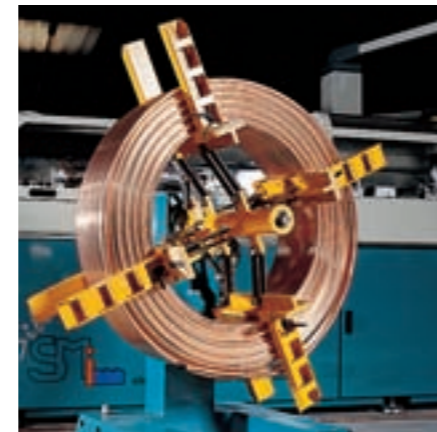


UDR 16

Application fields
 Air conditioning, Refrigeration,
 Electrical appliances, Heating



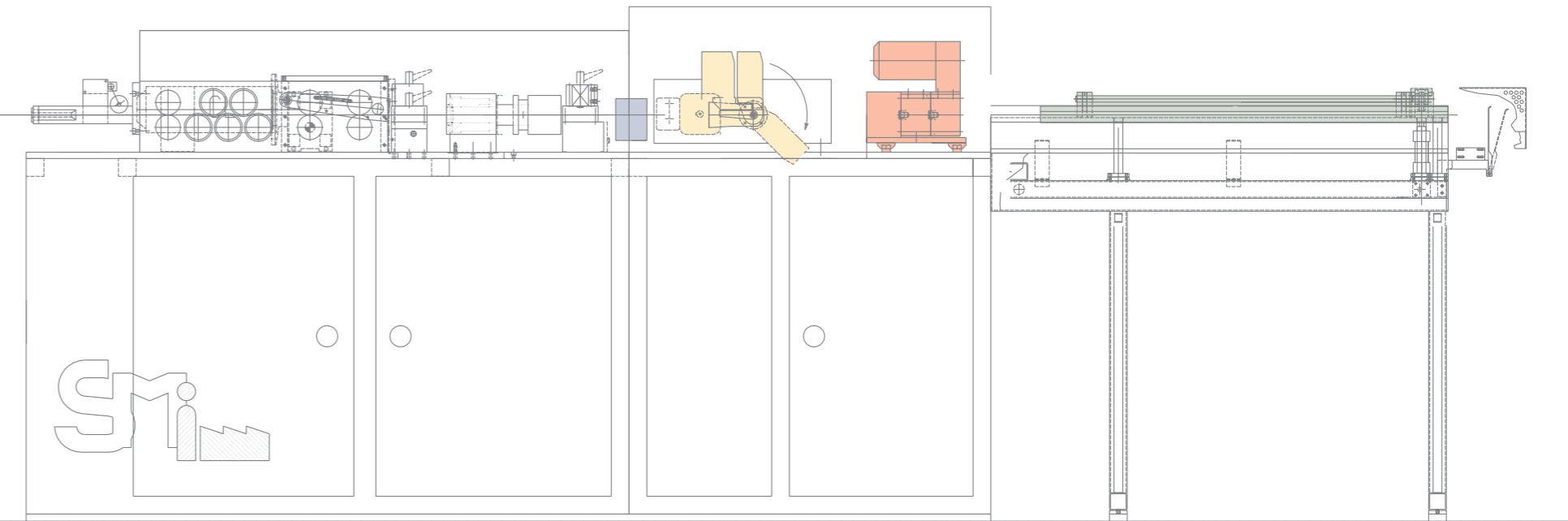
TRM 08



SF200 A

SF200 A

It is a self-centring braking decoiler for the vertical loading of the coils. The clamping of the coil on the decoiler is made by the expansion of 4 claw clutches located in the spindle. The loading is manual.
 Capacity of the coil: 200 kg.max.
 Width: 300 mm.
 Internal diameter: from 240 to 700 mm.
 External diameter: max. 1000 mm.



PNC 16

It is a stamping and cylindrical gauging unit ER25 with the sole pneumatic motion of closing

Characteristics and advantages
 The end forming units PNC16 are used with the tube cutting machines for working in automatic cycle at the following conditions:

Straight tubes with only a buckled end.
 Minimum diameter 6 x 0,75 mm.
 Maximum diameter 16 x 0,75 mm.
 Minimum length: irrelevant
 Maximum length: irrelevant

PNP 16

It is a completely electric bending unit for manufacturing particular parts (nipples) or similar tubes

Characteristics and advantages
 The unit PNP 16 is used with the tube cutting machines for working in automatic cycles in the following conditions:

Minimum diameter of the tube 2 x 0,6 mm.
 Maximum diameter of the tube 16 x 1 mm.
 Materials CU-Al-Stainless steel-Fe-Bundy all annealed
 Max. q.ty of bends: no.2 on the flat
 Minimum length 45 mm.
 Maximum length (overall) 480 mm.

UDR 16

It is an end-forming unit with one rotative-pressing tool with pneumatic thrust

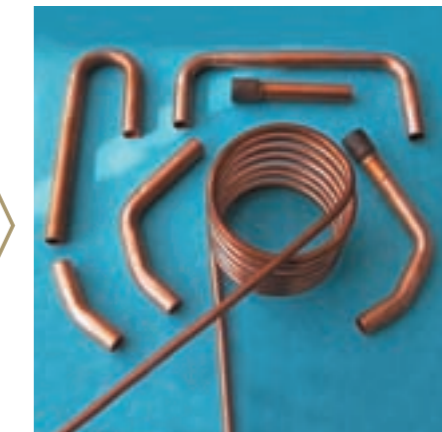
Characteristics and advantages
 The end-forming units of the serie UDR16 are used with the tube cutting machines for working in automatic cycle at the following conditions:

Straight tubes with a sole reduced or expanded end.
 Minimum length 45 mm.
 Maximum length: irrelevant
 Maximum diameter: tube Ø 16 mm.
 Max.expansion: tube Ø +/- 6 mm.

TRM 08

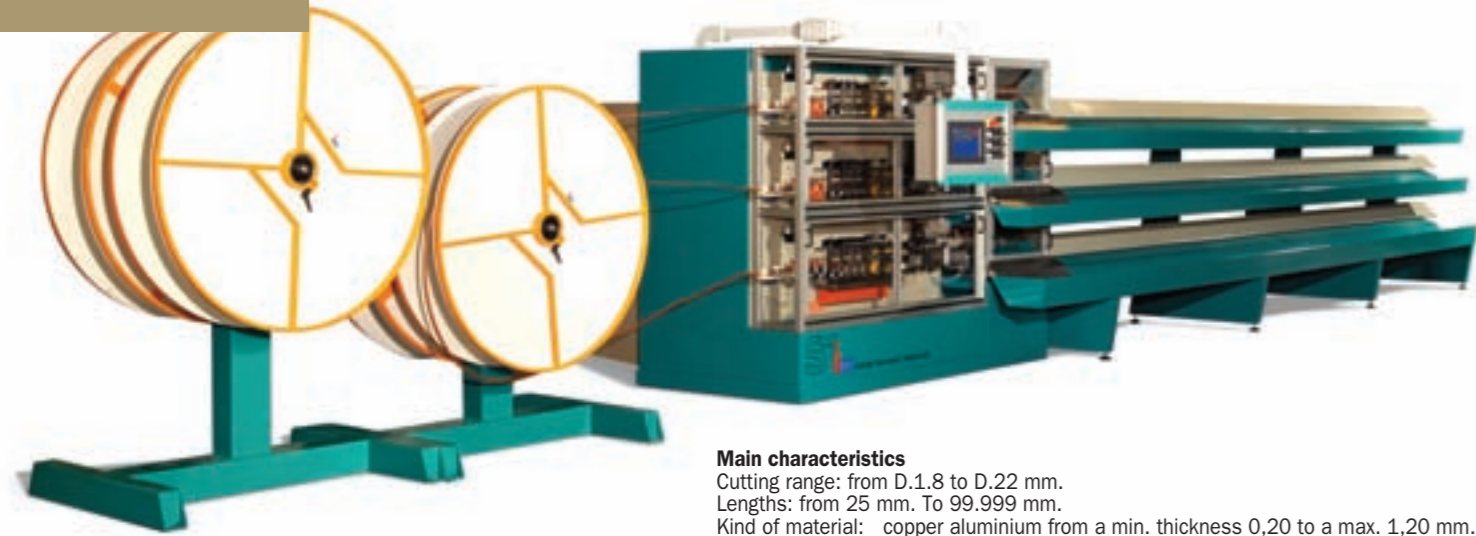
The hopper is used for collecting the straight tubes of different lengths, after the cutting operation. The working cycle is synchronized with the machine and it is completely automatic.

Length: from 2 mt. to 20 mt. (on request- in any case from meter to meter)
 Collection capacity: from 300 to 1500 pcs. from D.10mm.
 Cycle time: 1,5"



The accessories line doesn't limit itself with these models; there are 8 other units for drilling, cold end-forming, smoothing, handling, mechanical transfer and pneumatic transfer. The modular system allows us to reach the highest specialization with the minimum possible cost, just using one standard working unit.

MTS22T



Main characteristics

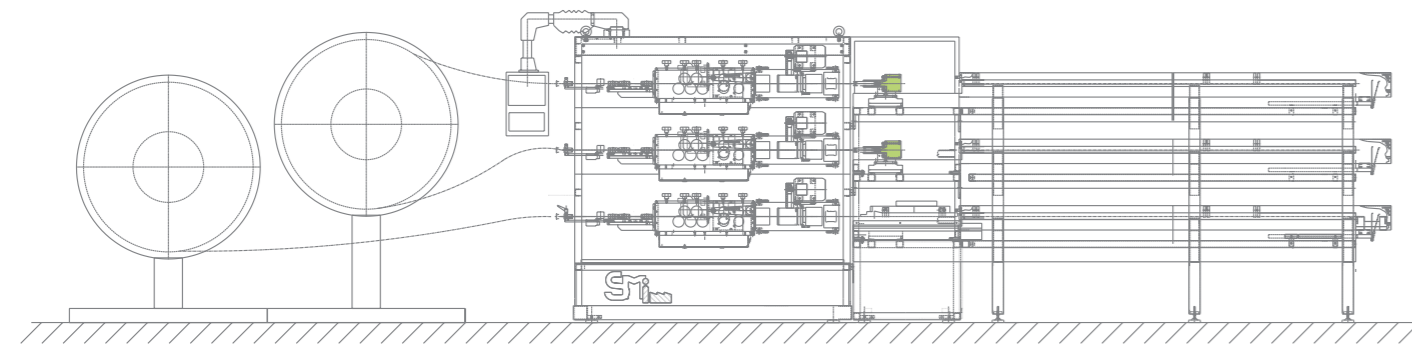
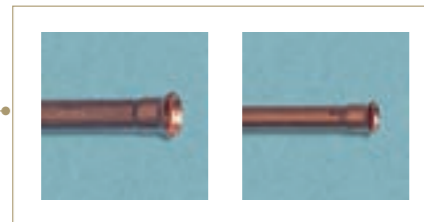
Cutting range: from D.1,8 to D.22 mm.
 Lengths: from 25 mm. To 99.999 mm.
 Kind of material: copper aluminium from a min. thickness 0,20 to a max. 1,20 mm.
 Iron FE 37 from a min. thickness 0,40 to a max 1 mm.
 AISI stainless steel from a min. thickness 0,40 to a max. 0,8 mm.
 Pull apart strength: 664 N
 Straightening nominal capacity: 82 mt/1'

Application fields

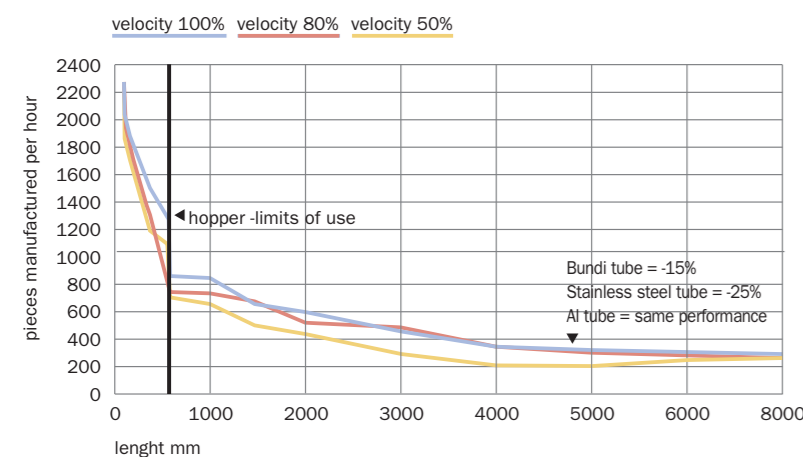
Domestic and industrial conditioning,
 Domestic and industrial refrigeration,
 Heat exchangers



■ UDB 16



Productivity diagram



UDB 16

Its an end-forming unit with one tool with a fixed pneumatic thrust

Characteristics and advantages

The end-forming units UDB16 are used with the tube cutting machines for working in automatic cycle at the following conditions:

- Straight tubes with only a buckled end.
- Minimum diameter 7x0,5 mm.
- Maximum diameter 16x0,5 mm.
- Minimum length 120 mm.
- Maximum length: irrelevant
- Max. end-forming capacity: 750 N

La SMI si riserva di modificare senza alcun preavviso i suoi prodotti



AZIENDA CON SISTEMA QUALITA CERTIFICATO DA DNV
UNI EN ISO 9001

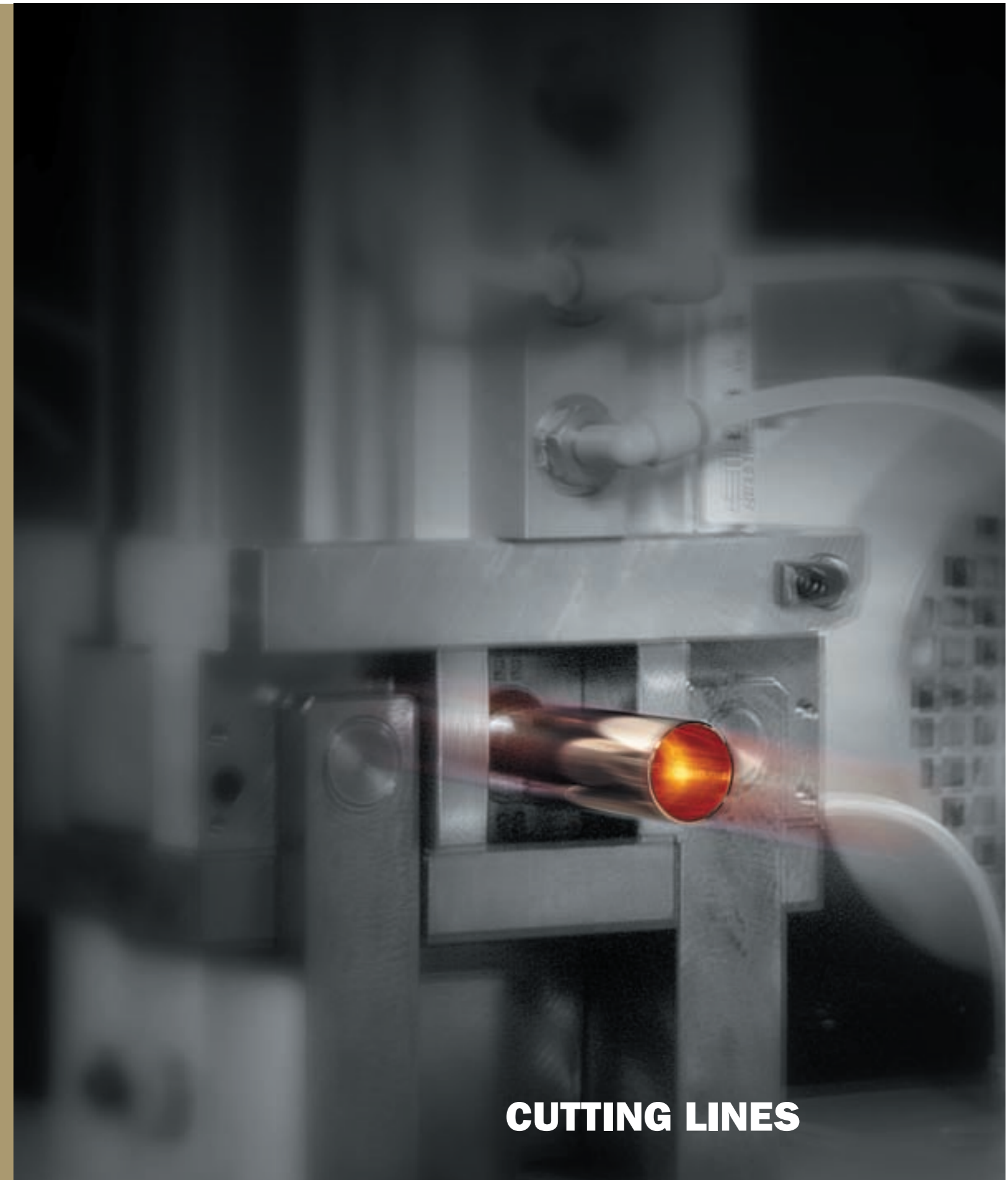


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Planning and manufacturing of automatic machines, tube cutting machines, tube bending machines without mandrel, shaping machines, end sealing machines, return bends machines, rings-assembling machines, tube expanding machines, hairpins trimmers, tubes drilling machines

EPILOT (UD)



CUTTING LINES

MTS22
MTP22
MTS22 TRIPLE