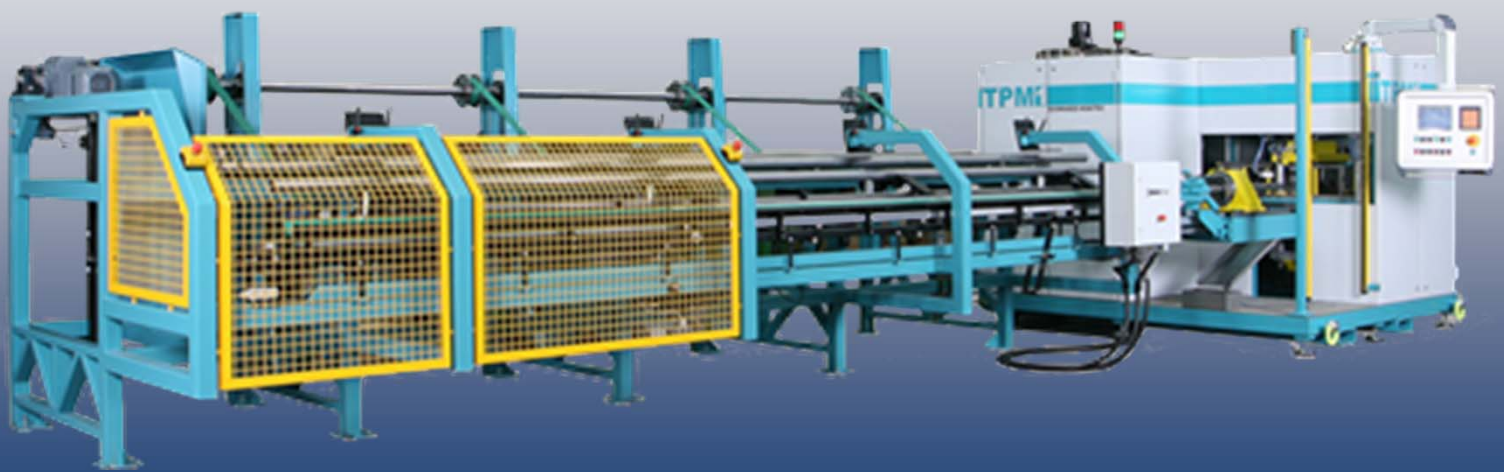


Tube Perforating Machine TPM 1



Bending to perfection.



**Perforating of tubes with different hole patterns –
quick and flexible**

Max. Tube Diameter: 70.0 mm

Min. Tube Diameter: 33,7 mm

Application:

- ▶ Mainly
Automotive Industry



▶ All types online

TECHNICAL DATA

TPM 1

Punching speed	120 strokes/minute
Punching capacity	400 kN
Max. tube length	495 mm
Max. perforation length	440 mm
Min. perforation length	30 mm
Max. tube diameter	70.0 mm
Min. tube diameter	33.7 mm
Max. material thickness (steel, aluminium, stainless steel)	2.0 mm
Operation side	Right
Dimensions of the machine: l x w x h	3.30 x 1.80 x 2.25 m
Dimensions of the tube magazine : l x w x h	7.50 x 3.00 x 1.80 m, for 6.50 m tube length

THIS MACHINES INCLUDES:

- ▶ Tube support, supports the tube to be perforated
- ▶ Positioning head, positions the tube in the machine
- ▶ Tool holder, developed to hold two perforation tools
- ▶ Cutting device, cuts the perforated tube to the required length
- ▶ Hydraulic press, facilitates cutting, punching and perforating of the tube
- ▶ Tool positioning device, positions the two perforation tools and the cutting device
- ▶ Ejection device, ejects the finished tube
- ▶ CNC control
- ▶ Feeding unit
- ▶ Tool changing system
- ▶ Safety device „CE“

ACCESSORIES AT EXTRA COST:

- ▶ Fully automatic tube magazine (belt magazine) for 6,5 m tube length
- ▶ Optical weld seam detector or optionally:
Electro-magnetic weld seam detector
- ▶ Tube unloading unit, for example by means of industrial robot



OTHER SPECIAL EQUIPMENT IS AVAILABLE ON REQUEST! !