

TPM-Cub

Mechanical Tube Perforator

It is our pleasure to present to you a quote for our new **Sanderson TPM-Cub** tube perforating machine. This machine has been designed with economy and durability in mind, featuring a totally mechanical control system, without the need for servo motors or computer control systems. Employing a similar head design as the flagship **TPM4**, the **TPM-Cub** is the perfect low-cost solution for your tube perforation needs, while also remaining flexible and robust enough to be used in a demanding manufacturing environment.

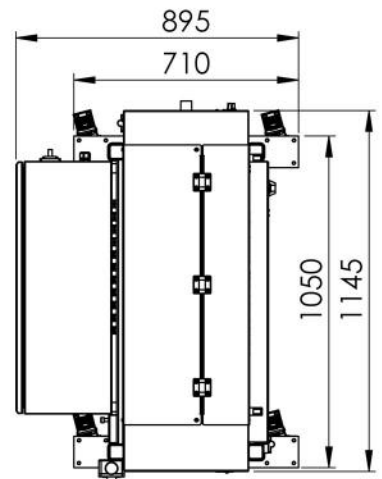
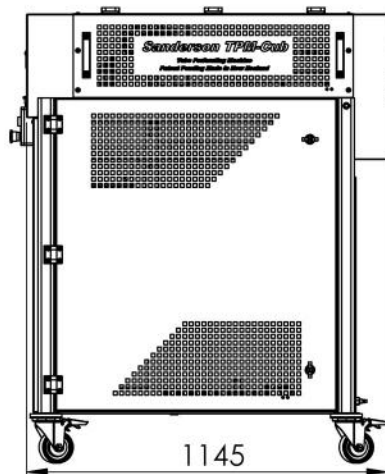
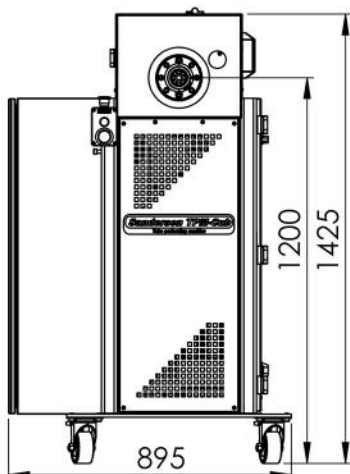
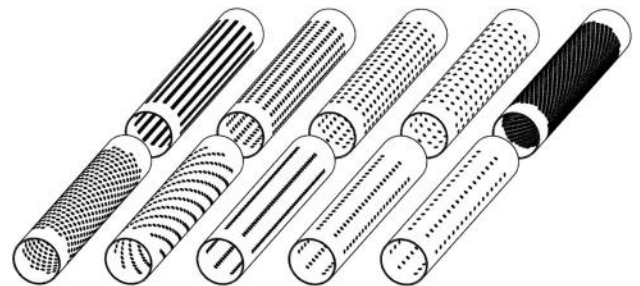
Please read through the information presented to familiarise yourself with this exciting new machine.

Technical Specifications

Minimum tube diameter	22mm (7/8")
Maximum tube diameter	76.2mm (3")
Minimum wall thickness	0.5mm (25ga.)
Maximum wall thickness	1.6mm (16ga.)
Minimum hole diameter	3mm (1/8")
Maximum hole diameter	6mm (1/8")
Minimum tube length	100mm (4")
Maximum tube length	680mm (26")
Maximum punching speed	2500 holes/min
Number of punches in head	8
Tube materials	Mild/stainless steel
Power configuration (USA)	480V/60Hz/3ph/30A
Power configuration (Europe)	380V/50Hz/3Ph/30A
Floor dimensions required	W1500xL2000xH2000mm
Machine weight	300kg (725lb)



A small variety of patterns which can be produced on the **TPM-Cub**, including spiral, staggered, and straight



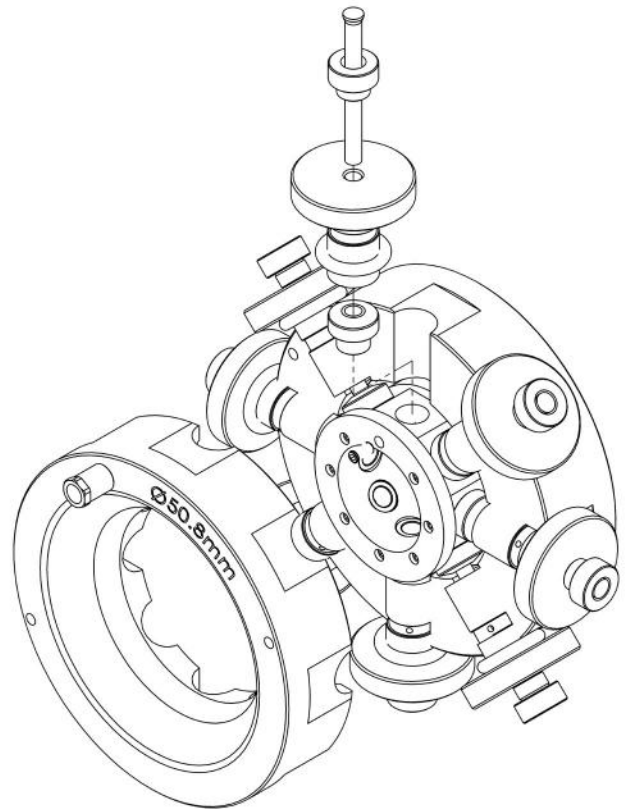
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The **TPM-Cub** utilises a lighter version of the tooling used in the **TPM4**, featuring eight punches, eight tube clamps for positive alignment, and an eight-hole die, including easy to replace die button inserts. The capacity is up to three inches, and the user can remove punches if desired (e.g. use four punches) without impacting the perforation ability of the machine. The tooling is quick change too, with a full tool change achievable in under ten minutes.

Included with the TPM-Cub are many great features, such as:

- Total mechanical control system
- Main punch head and axes driven by powerful AC electric motor and gearbox
- Tube gripped with quick-change pneumatic collet chuck
- Pulleys and user-guide for adjusting pitch
- Isolating machine mounted safety-guards
- Quick-access rear panel for pitch adjustment
- Manuals and documentation in English
- 12 month warranty on parts, labour at standard service rates
- Seaworthy packing box included



Pricing

Price FOB ex. Wellington, New Zealand, TPM-Cub.....	€49.000
Tooling set, per size, includes grip collets.....	€2.300
Shipping, sea freight.....	€3.000

Sales and payment terms

50% deposit with order, and 50% prior to shipment

All prices are nett and exclusive of any local taxes, duties, and tarrifs

Important notes

The machine is supplied with all installation and operating instructions, and free online support is available from the factory. If required, a technician is available for initial machine installation and training. Carriage is available through sea or air freight, at the purchaser's expense. All moving parts must be manually lubricated, and tubes individually lubricated by the operator. Machines are sold with a 12 month warranty. Delivery is 60 days ex works. Quote is valid for 30 days. All measurements supplied are in mm unless otherwise specified

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