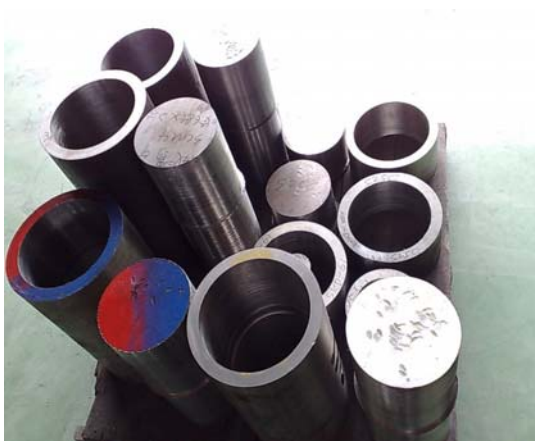




TPA Trepanning Machines



Trepanning - The Most Economical Solution For Drilling Large Diameters



The TPA series of CNC Trepanning machines are developed for producing relatively short tubes and collars. The process is extremely effective due to simplified tools and setups. The core is saved for later use reducing the cost of the final product.

Holes from 80mm to 300mm can be trepanned up to 600mm deep in parts up to 600mm diameters.

Because the tools have relatively thin walls, the wasted material is minimal.

TREPANNING – from 80 to 300 mm diameters



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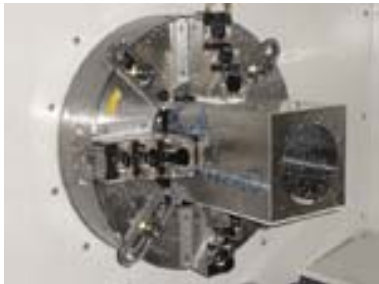
Drilling diameters from 80 mm to 300 mm and up to 600 mm deep. Workpieces of 600mm diameters and up to 1200 mm long can be drilled



SOLID DRILLING – up to 150 mm diameter



In addition to trepanning, solid drilling is also performed using "spade" and "U" drills.





The list of users is endless: from steel suppliers and job shops to high production environments. Easy and quick setup, minimal waste of material, fast process – these are the benefits of this machine and its cost effective method of operation.

Very thin cut resulting in minimal waste of material



The TPA series of CNC Trepanning machines come fully equipped with hydraulic chucks, power drawbar, handwheel, beacon, machine light, part steady rests, high pressure/flow coolant tank with coolant filter, chip conveyors, chiller, etc.



All Mollart machines meet with the latest CE specifications and are supplied fully guarded with door interlock.

Specifications

Model	TPA 600	TPA 1200
Maximum Drilling Diameter (Trepanning)	80 - 250 mm	80 - 300 mm
Maximum Drilling Diameter (Solid)	120 mm	150 mm
Drilling Depth (blind hole)	300 mm	1200 mm
Drilling Depth (from both ends)	600 mm	1200 mm
Maximum Workpiece Drilling Depth	600 mm	1200 mm
Hydraulic Chuck Clamping Diameter	130 – 450 mm	152 – 610 mm
Spindle Taper	BT50	BT50
Spindle Motor	37.5 kW	45 kW
Spindle Speed	10 – 850 RPM	10 – 850 RPM
Z Axis Motor	1200 mm	2150 mm
Z Axis Travel	7.0 kW	9.0 kW
Coolant Pump Motor	11 kW	2 x 11 kW
Control System	MITSUBISHI / FANUC	
Machine Color	Dark Grey base, Light Grey guards & Yellow doors	

All specifications are subject to change without prior notice.

Contact details

MOLLART ENGINEERING LTD

Deep Hole Drilling Machines • Subcontract Deep Hole Drilling with CNC Machine Shop back-up for complete parts • Exclusive UK Agent for BOTEK Deep Hole Drilling Tools - Gundrills, BTA & Ejector

Address	Chessington Industrial Estate, Roebuck Rd., Chessington Surrey, KT9 1EU ENGLAND
Tel	+(44) 020 8391-2282
Fax	+(44) 020 8391-6628
Email	info@mollart.com

MOLLART AMERICA

Email	sales@mollart.com
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