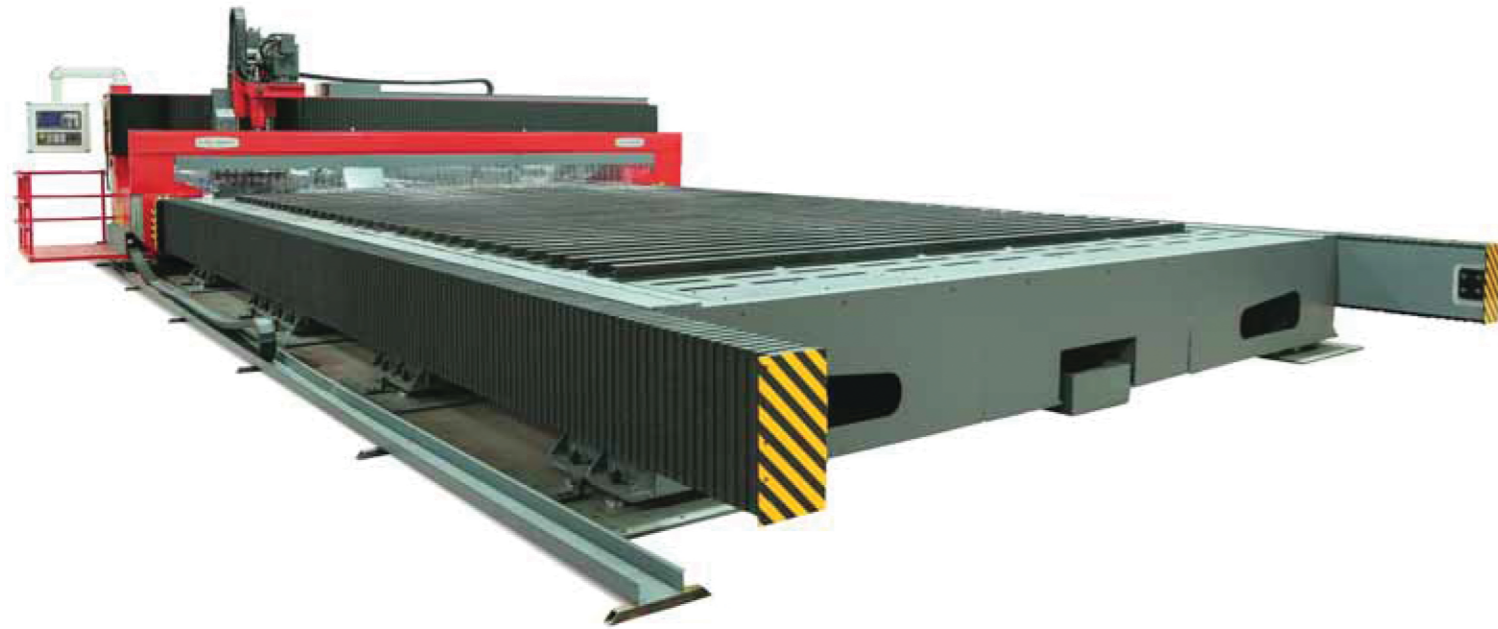


» **APD** HEAVY-DUTY PLATE DRILLING MACHINES
5000x8000



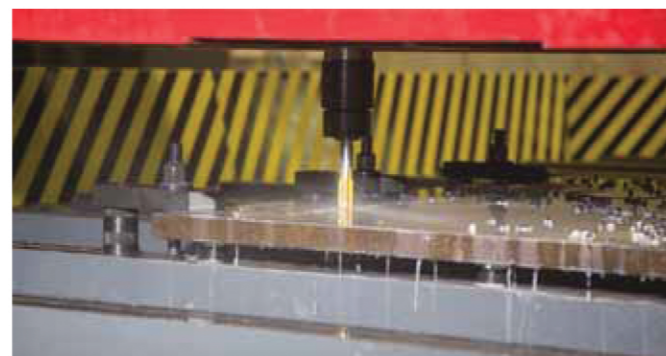
APD 2000x4000

» **Standard Features**

- 3 Axis CNC
- High processing performance
- Spindle high positioning sensitivity
- Manuel part fixing
- Drilling, tapping and surface milling capability on the plate with a single spindle
- Marking ability on plates through special milling tip
- Efficient (liquid and air mixed) drill cooler unit



Milling



Tapping

APD 2000X4000 TECHNICAL SPECIFICATIONS

Control panel	SIEMENS
Number of Drilling Units	1 vertical
Drilling diameter Ø	19/32" – 19/16" (tool with replaceable carbide head. 19/16"- 3" with U-tool)
Spindle Speed	10 - 1650 rpm
Spindle Power	40 HP / 140 lbf.ft
Spindle Torque	282 lbf.ft / 750 rpm
Max. travelling speed under no-load condition (forward – backWard)	33 ft/min
Motion Transmission System	Rack and pinion, preloaded ball screws
Automatic tool changing unit (ATC)	1 UNIT - 8 TOOLS
Central lubrication system	Standard
Cooling system	External tool cooling (for HSS-drills) Internal tool cooling (for carbide drills) BT40 hydraulic tool holder
Thread tapping	M12 –M30
Material width	6,5'x13,1' (Other dimensions are optional)
Material height	3/8" to 4"
Tool Holder	BT40, (suitable for ATC system)
Work piece	Fixed
Work piece weight (max)	14.330 lbs
Chip Conveyor	Standard
Machine dimensions	19,7x29,5x10,1'
Weight	60,000 lbs

The specifications above are for the APD 2000X4000 model. Custom machine sizes and specifications are available upon request.