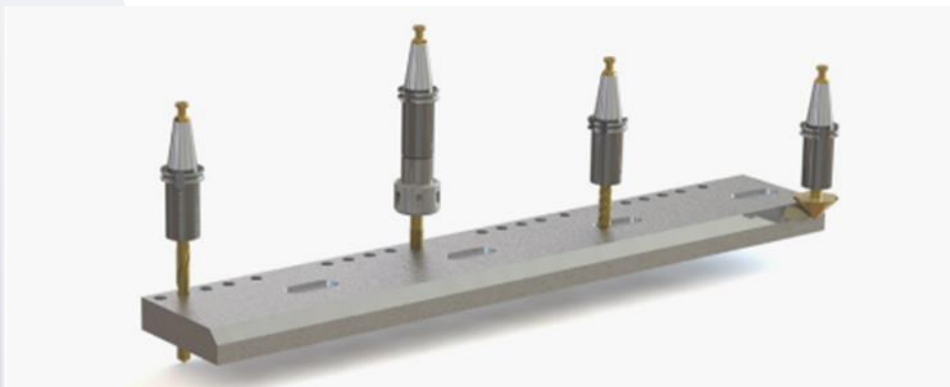


AFD 10 CNC FLANGE and PLATE DRILLING MACHINE

AKYAPAK AFD 10 CNC Plate Drilling Machines are able to drill from 6 to 80 mm thick plate. Material is positioned by a 2 axis CNC positioning table with a hardened steel hydraulic clamping jaws assembly mounted on linear bearings. The AFD machines have the capability to drill, tap, mill, mark with scribing or hydraulic pressure punch (optional).



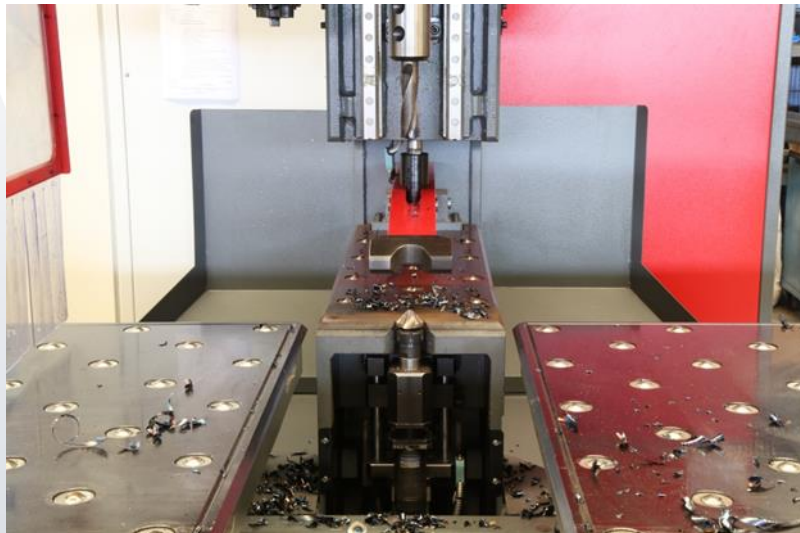
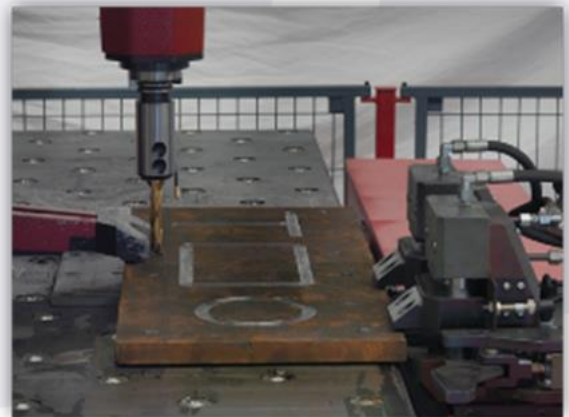
Drilling- Marking - Tapping – C. sinking- Scribing- Milling



General Features of Spindle:

Conical Type : BT 40
Motor : 26 kW (peak, 22kW nominal)
Rotation : 10-3000 rpm
Tool pressure : 1,400kg – 3000pounds

Automatic tool changing system enabled to hold up to 16 tools, drills, taps, milling cutters, counter-sinking tools, scribing tools (optional). All tools are changed automatically according to the CNC program.



MAIN TECHNICAL SPECIFICATIONS AFD 10 CNC PLATE DRILLING MACHINE

Model	AFD 10 CNC Flange & Plate Drilling
Control Panel	MITSUBISHI (or SIEMENS on request)
DRILLING UNIT	
Vertical	1 Unit
Speed Range	10-3000rpm
Tool Conical	BT 40
Motor Power	22 kW / 140Nm nominal
Spindle Torque	280Nm
WORKING CAPACITY	
Plate Dimensions Min. (mm)	100x100x6
Plate Dimensions Max. (mm)	1000x1500x64
*Dimensions are given according to maximum material weight that can be positioned	1000x1190x80 795x1500x80
Plate Thickness min/max. (mm)	6/80
Maximum material weight that can be positioned	750 kg
Max. Drilling Capacity (mm)	40
Tapping min /max	M10 / M24
Axis X Speed	20,000 mm/min
Axis Y Speed	20,000 mm/min
Axis Z Speed	15,000 mm/min
OTHER FEATURES	
Automatic Tool Changing	Standard 16 Units
Auto Lubrication System	Standard
Tool Cooling	Standard Internal
Chip Conveyor	Standard
Cooling for Electric Panel with AC	Standard
Machine Weight	7250 kg
Area Covered by the Machine (mm)	6500x5500x2550