



FABRICATING MACHINERY
WELDING SOLUTIONS

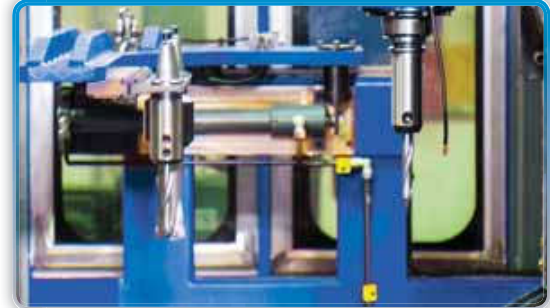
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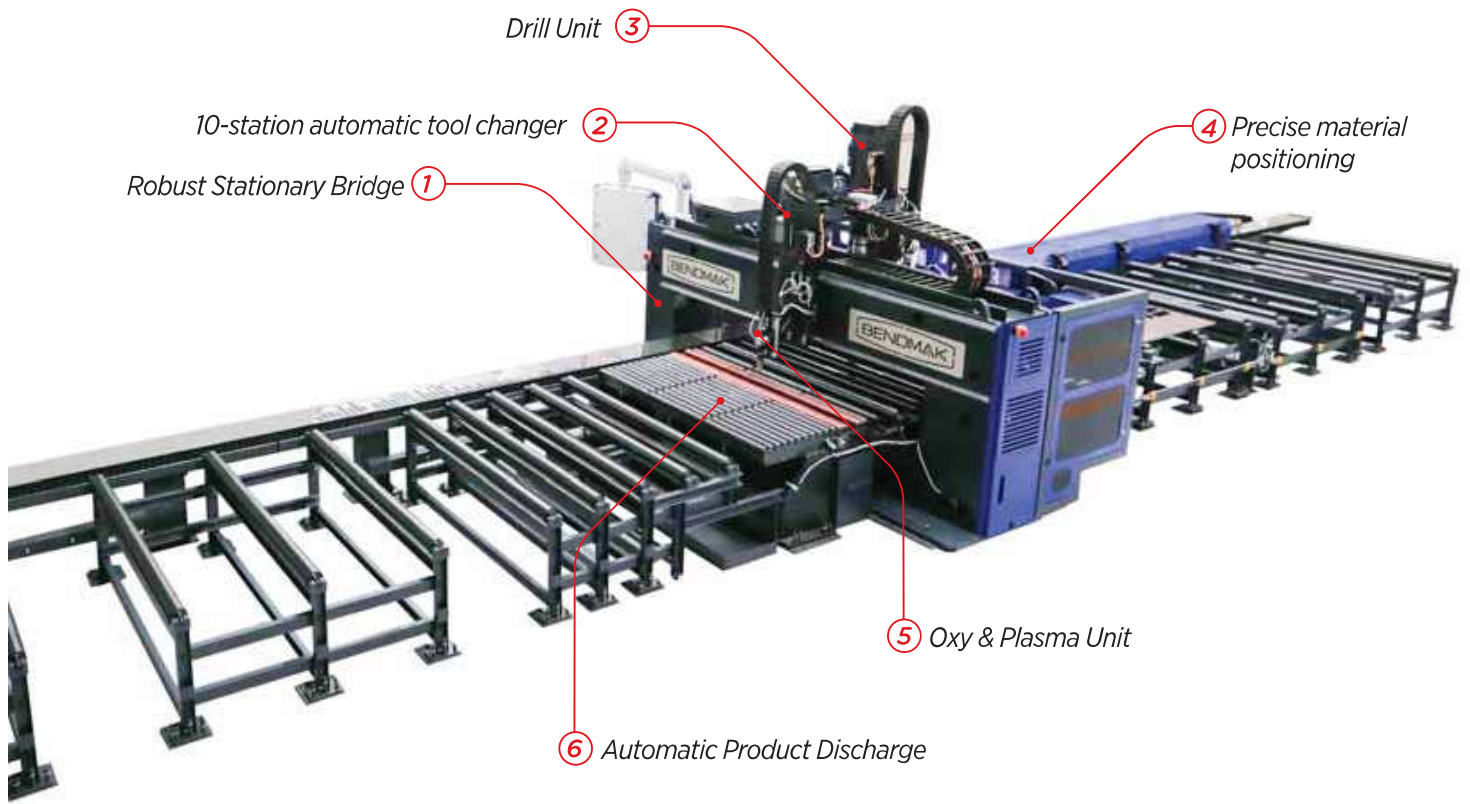
① Robust Stationary Bridge



② 10-station automatic tool changer



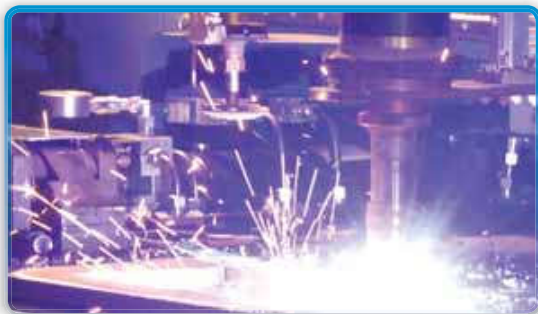
COMBINED DRILLING & OXY-FUEL PLASMA CUTTING MACHINES



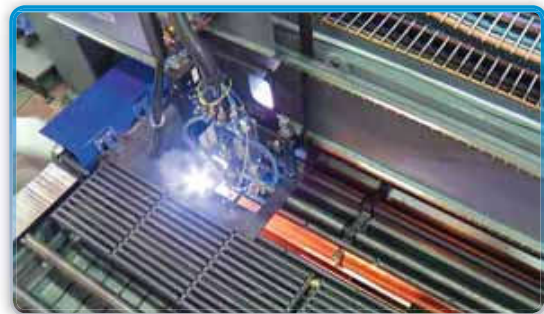
③ Drill Unit



④ Precise material positioning

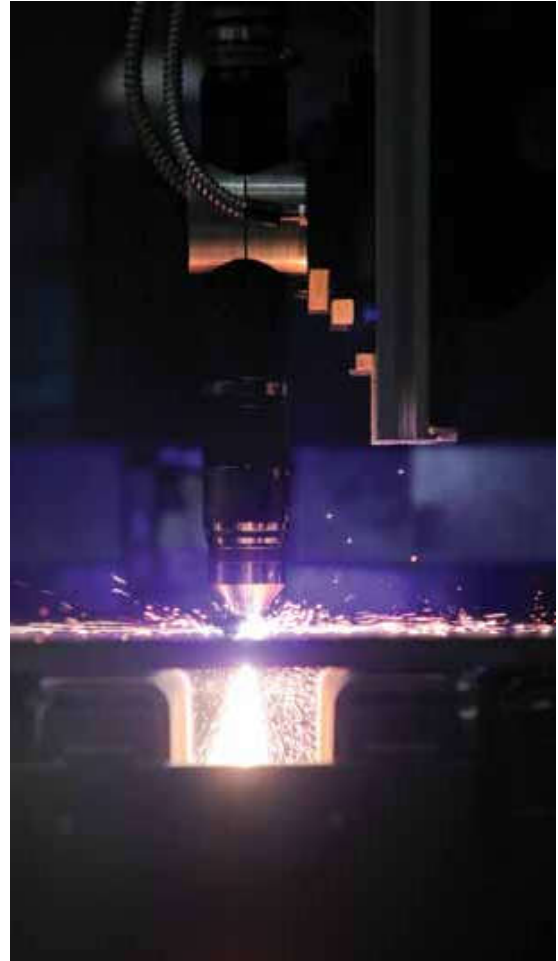


⑤ Oxy & Plasma Unit



⑥ Automatic Product Discharge

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COMBINED DRILLING & OXY-FUEL / PLASMA CUTTING MACHINES

BECOP TECHNICAL INFORMATION

Controller	CNC (Mitsubishi or Siemens)
Axis Drive	Servomotor
Spindle Motor Power	30 HP / 103 lbf.ft
Spindle Motor Torque	206 lbf.ft
Drilling capacity	3/8" - 1-9/16"
Thread tapping capacity	15/32" - 1"
Inner cooling carbide drill	Yes
Tool inner cooling	MQL is Standard. Boron-water mixed as optional.(carbide tip drills)
Motion Bearings of Spindle and Cutting Units (Horizontal/Vertical)	Preloaded linear units
Motion Transmission System	Preloaded ball screws / nut system
Scribe Marking	Yes
Automatic tool changing (ATC) unit	Yes
ATC Capacity	10 Tools
Plate positioning weight	16.500 lbs
Plasma cutting capacity	max. 2-1/2" (1-1/4" piercing)
Oxy cutting capacity	max. 4"
Oxy and plasma slag and powder collection plate	Yes
Oxy and plasma dust filtration unit	Yes
Swarf collection plate (wheeled)	Yes
Plate feeding system	Servomotor + Gearbox / Rack-and-Pinion
Plate blockage	Hydraulic remote controlled clamping