

» 3ADM ECO 7 AXIS THREE SPINDLE CNC DRILL LINE



All the systems of 3ADM Eco models are the same with 3ADM models. On the 3ADM, only z-axis is added to each spindle unit in addition to x and y axes. On 3ADM Eco, the material is driven to the next drilling position after one hole is drilled, while it is possible on 3ADM models to drill many holes in the feeding direction within 20" length without repositioning the material.



» Hydraulic Marking Unit (Optional)

The rotary and axial movements of the marking unit are driven by servo-motors. Only the blocking clamp and its table are driven hydraulically.

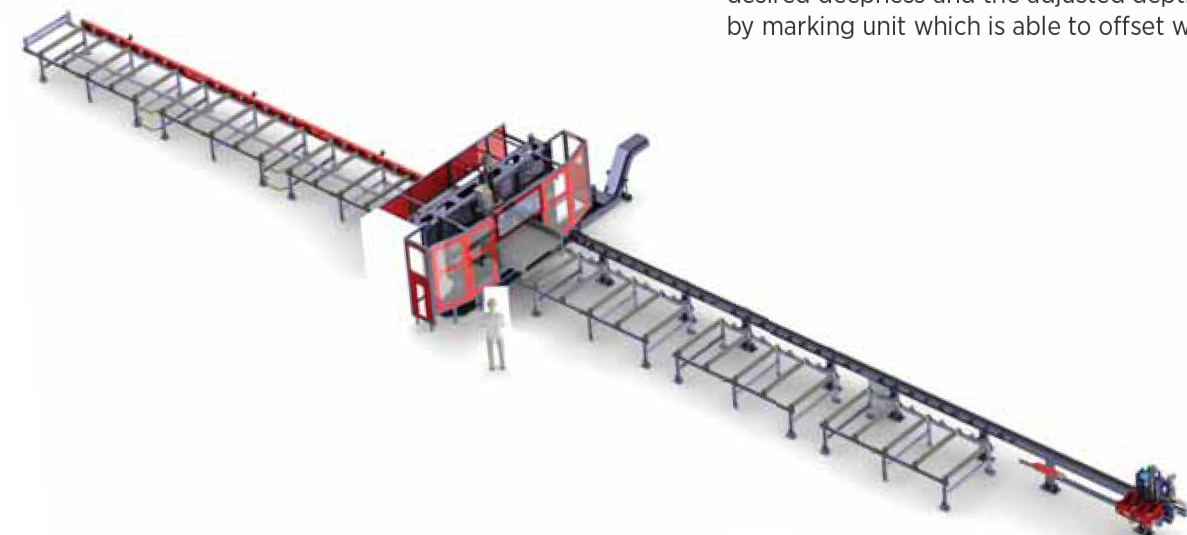
Marking can be performed in the zone of 2.3"x5.9"	Character Height	0.6"
	Character Depth	0.04-0.12"

There is no need to drive the profile during marking. The rotating disk has the ability of rotational and axial motion. The pressure of the rotating disk (marking head) is adjusted hydraulically.



» Scribe Marking Tool (Optional)

The Marking tool is held within the ATC (Automatic Tool Changing) system the same as the drill tools. It performs marking with 87 psi air pressure by rotating at 18.000 rpm via caribe tip. Marking depth can be adjusted to any desired deepness and the adjusted depth is guaranteed by marking unit which is able to offset within +/- 0.3".



ADM TECHNICAL SPECIFICATIONS	3ADM 1200	3ADM ECO
Control Panel	Mitsubishi/ Siemens	Mitsubishi/ Siemens
Number of Drilling Units - Vertical	1 Vertical	1 Vertical
Number of Drilling Units - Horizontal	2 Horizontal	2 Horizontal
Drilling diameter	3/8" - 1-1/2"	3/8" - 1-1/2"
Spindle Speed	50-3000 rpm	50-3000 rpm
Spindle Motor Power	30 HP / 103 lbf.ft	30 HP / 103 lbf.ft
Spindle torque	206 lbf.ft	206 lbf.ft
Motion Transmission System	Preloaded ball screws / nut system	Preloaded ball screws / nut system
Automatic Tool Changing Unit	For each spindle one ATC with 4 tools	For each spindle one ATC with 4 tools
Infeed Conveyor Length	40 feet	40 feet
Outfeed Conveyor Length	40 feet	40 feet
Central Lubrication System	Standard	Standard
Tool Cooling System	MQL	
Conveyor Carrying Capacity	670 lbs/ft	670 lbs/ft
Tapping Tool for each drilling axes (Optional)	M10 - M24 (with special set)	M10 - M24 (with special set)
Beam width	48"	48"
Beam Height	20"	20"
Tool Holder	BT 40 (internal coolant hole)	BT 40 (internal coolant hole)
Workpiece movement	Servomotor + planetary gear box	Servomotor + planetary gear box
Beam Section Measurement System	Optional	Optional
Miter Band Saw Integration	Optional	Optional
Weight	28.660 lbs	24.250 lbs
Machine Dimensions	7,9' x 23,0' x 10,5'	7,6' x 17,7' x 10,0'
Hydraulic Marking Unit	Optional	Optional
Scribe Marking	3 Side Standard, 4th is Optional	On one side
Chip Conveyor	Standard	Standard