

3ADM 1200 – CNC DRILLING MACHINE

10 AXIS Multi spindle CNC Drill Line



Ready to drill beams, RSJ's, angles, flat sheets and channel etc.

- ✓ Fast Return on Investment
- ✓ Fully CNC Controlled
- ✓ 26 kW Spindle Motors
- ✓ 4 Station Tool Changers
- ✓ High positioning tolerance and repeatability
- ✓ LASER Automatic Tool Measurement & Material Zero Referencing (optional)
- ✓ Very robust design
- ✓ Worldwide spare parts availability
- ✓ User friendly interface
- ✓ Fast, accurate and maintenance free
- ✓ Available in Various Lengths



DRILLING



MILLING



TAPPING



COUNTERSINKING



LAYOUT MARKING



BEAM



CHANNEL



TUBE



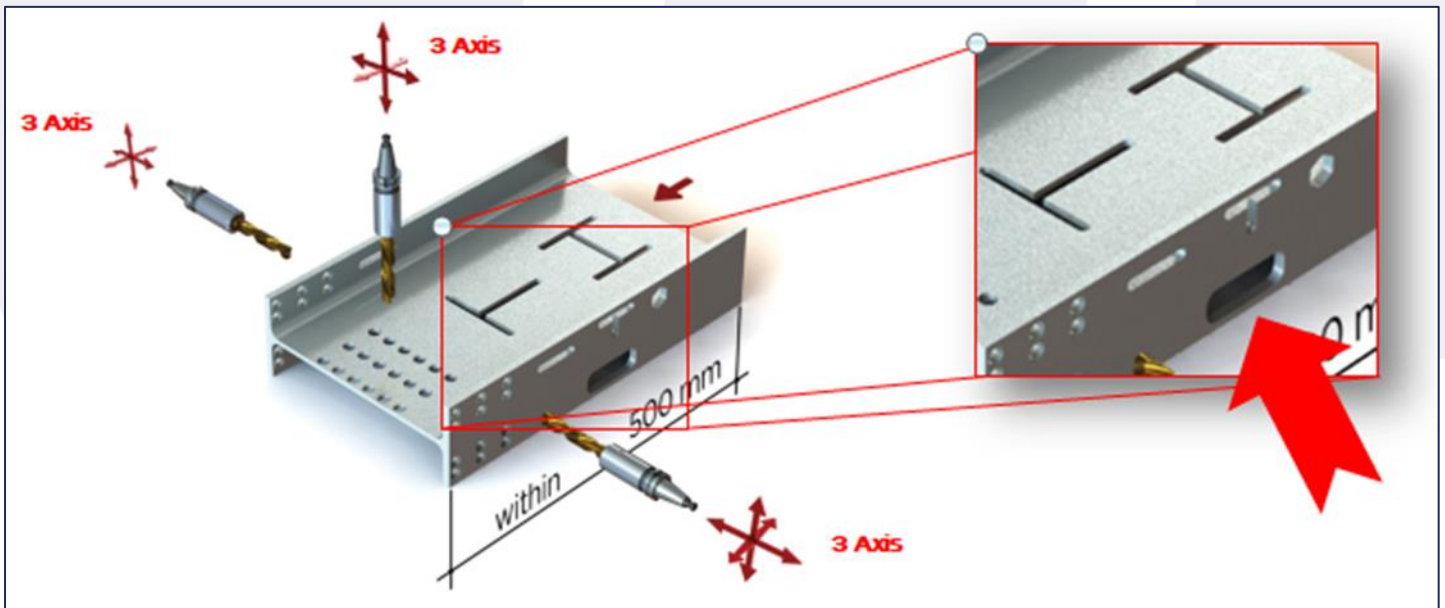
ANGLE



PLATE

Technical Specifications

The 3 ADM is equipped with sub-axis that enables independent control of spindles within 500 mm in the length of beam without repositioning the material. Therefore, there is no need to unclamp the material within a distance of 500mm to complete tight pitched holes, scribing and milling operations. It also enables the 3 independent drilling heads to complete 3 different processes simultaneously. Drill one flange, mill the web, scribe the other flange at the same time! This feature reduces processing time considerably and increases efficiency (approx. 3 times faster).



C- Automatic Tool Changer (Standard)

3 automatic tool changing units are provided, one for each spindle and each unit has four stations for different tools. The ATC system enables the machine to change tools quickly and automatically, thus eliminating manual intervention and reducing downtime of the machine.

Capacity 8 kg for each station. 4 tools per spindle, total 12 tools. (3 spindle x 4 tools)



Layout Marking

Scribing on up to 4 surfaces (optional).

Scribing marking tools for 3 drilling heads are available either mechanical tooling or pneumatic tools running at up to 20,000 rpm.

Underside scribing is also available which uses the Y and Z axes for left to right/up and down. The X axis is controlled by the gripper feeder.



Infeed & Outfeed Conveyors (Standard)

The heavy steel conveyors provide a steady structure for processing. The height of conveyors can be adjusted to have same level.

The outfeed steel conveyor rolls are motor driven, infeed is idler

Height 800 mm (± 20 mm height adjustment)

Max. speed 15 m/min

Length 12m (Standard)

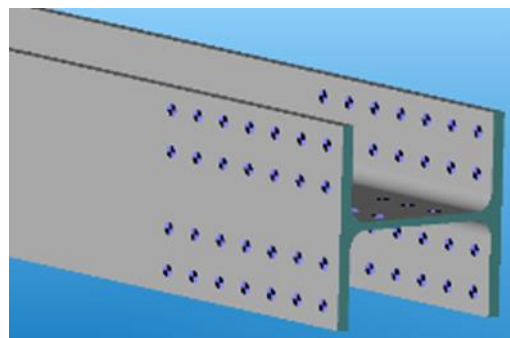


Programming Software

Lantek Flex3d SteelWork is a new module in the family of Lantek Flex3d products focused on designing and machining of standard profiles.

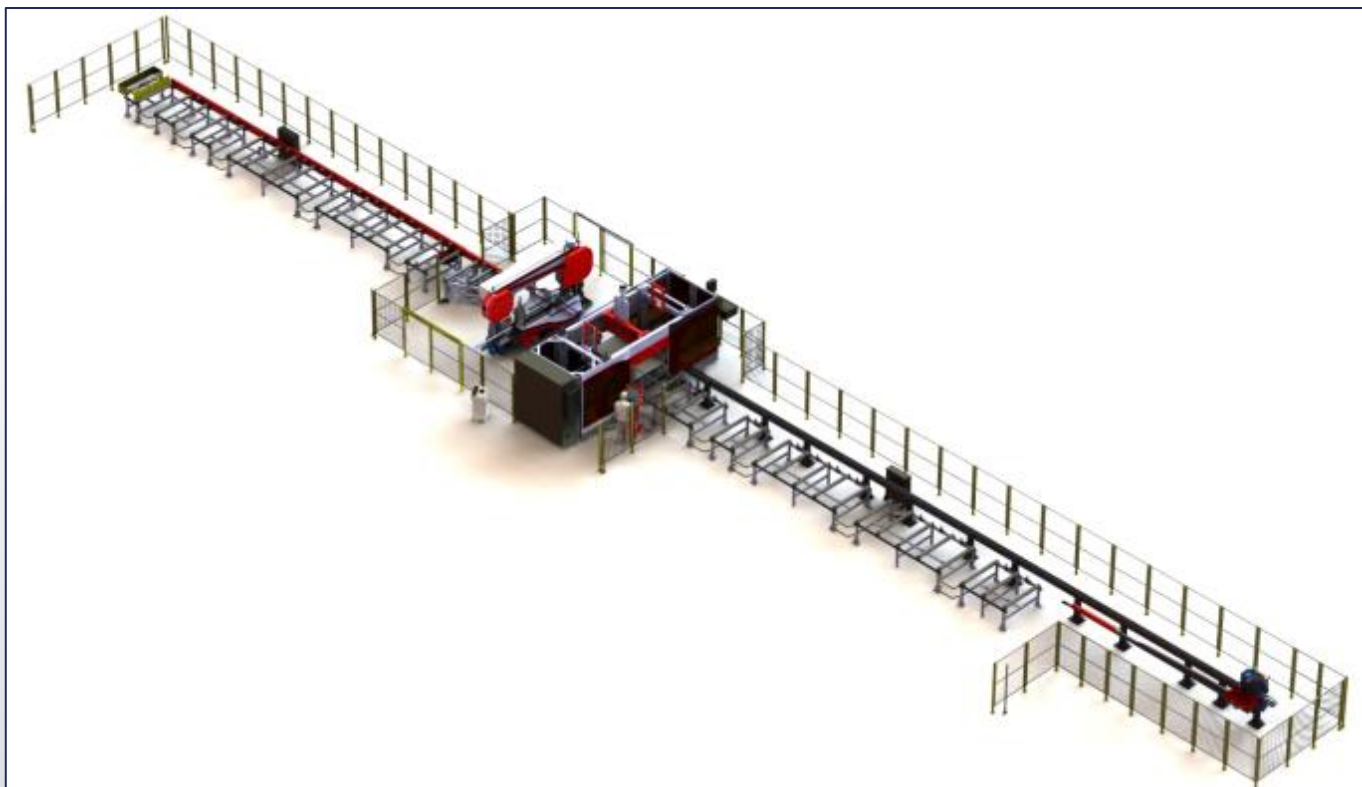
Lantek Flex3d SteelWork is a stand-alone product and it does not require any other additional Lantek software. Thanks to more than 20 years of experience in the sheet metal market, Lantek has been able to create a powerful off-line design and programming system for profile cutting machines in all their different versions: Sawing and drilling.

lantek Sheet Metal Solutions



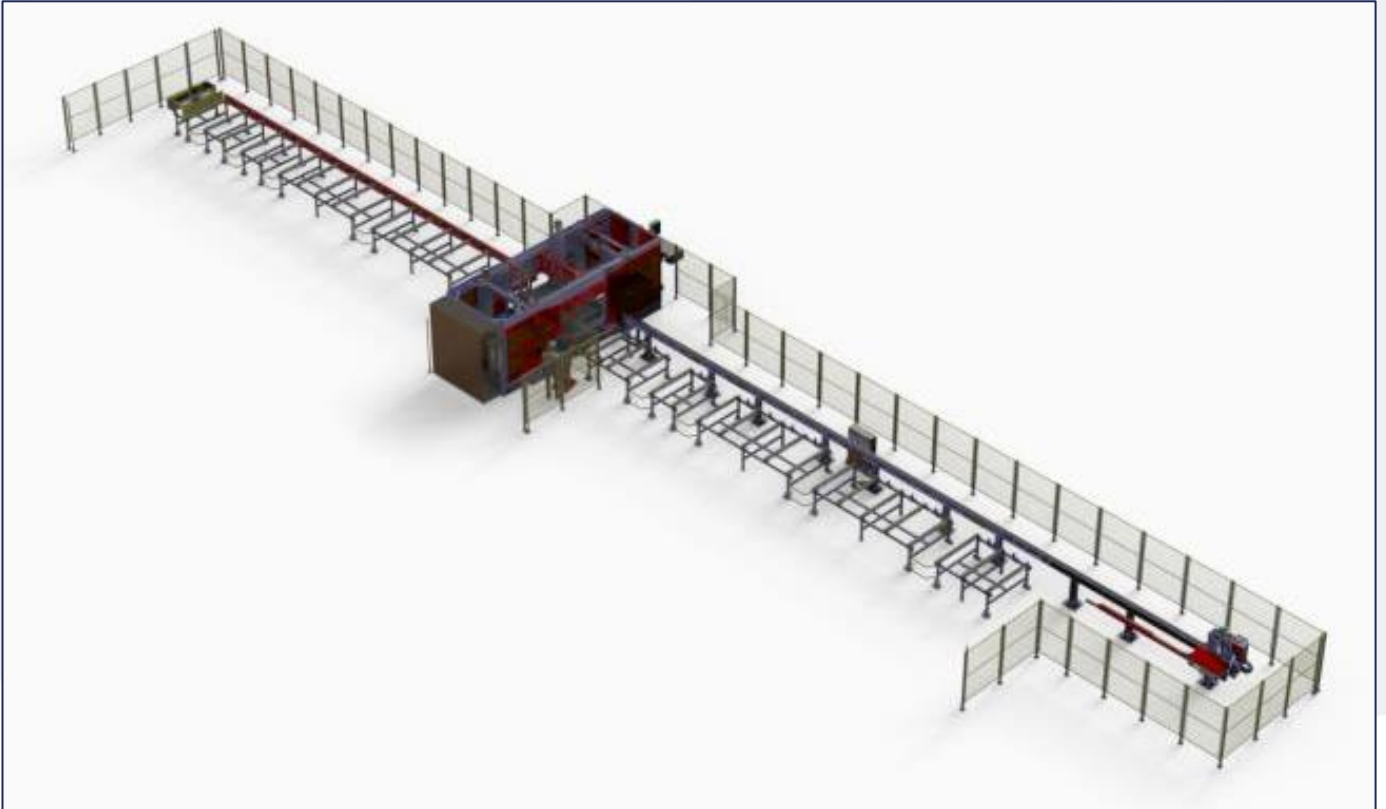
Technical Specifications

Controller		Mitsubishi (or Siemens)
Operating Range for Section	mm	Min. 200 x 80, Max. 1200 x 500
Operating Range for Length	meter	Min. 2, Max. 12 (longer on request)
Drilling Head (Spindles)		3
Drill Diameter	mm	8 – 40 (Carbide and U-drill) 40 – 50 (U-drill only)
Thread Tapping		M10 – M24
Drilling Thickness	mm	5-100mm
Tool Holder		BT40
Spindle Speed	rpm	50 – 3000 variable
Spindle Power	kW	22 (S1), 26 (S6)
Spindle Torque	Nm	280
Tool Changer		4 for each spindle, total 12
Spindle feed rate	mm/min	20-2500
Weight – Cabin only	kg / transport	13.000 / 1x40" Container
Weight – Cabin + 12m conveyors	kg / transport	20.000 / 2x40" Container
Weight – Cabin + 12m conveyors + AST1200	kg / transport	27.500 / 2x40" & 1x20" Container (Total 3)



PROSAW

 **AKYAPAK**



AST-1300/600 MITRE BAND SAW



Main Saw Motor	kW	15
Mitering Servo Motor	kW	1.5
Brush Motor	kW	0.12
Coolant Oil Pump (opt)	kW	0.12
Hydraulic Pump	kW	5.5
Bandsaw Blade length	mm	10000
Blade type	Lenox	LENOX RX+(EHS) 3/4 67x1.60x10000mm
Cutting Speed	m/min	20-100
Length x Width x Height	mm	5060x2350x2700
Working Height	mm	800
Weight	kg	8000
Mitre angle range	°	+60°/-60°
Sawing Capacity max. (WxH)	mm	1300x600