

1ADM 1200 – METEOR CNC DRILLING MACHINE

Single Head CNC Drill Line



DRILLING



MILLING



TAPPING



COUNTERSINKING



LAYOUT MARKING



BEAM



CHANNEL



TUBE



ANGLE



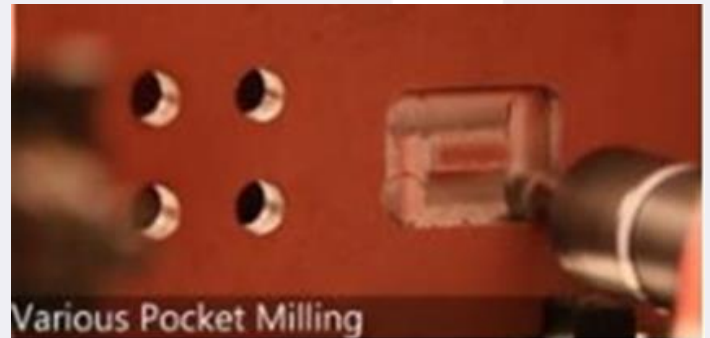
PLATE

The METEOR-1200 was developed to drill any kind of profile through single axis programming then rotating the material to process the other sides. The tight tolerance between the holes is simple for day to day steel fabricators needing more accurate manufacturing and assembly in reduced time. The METEOR-1200 is ready to reduce your labour costs either for drilling or for on-site assembly.

Ready to drill beams, angles, flat sheets and channel etc. You can also use milling for slots, pockets and any geometry with a state of the art control system operating all machine functions.

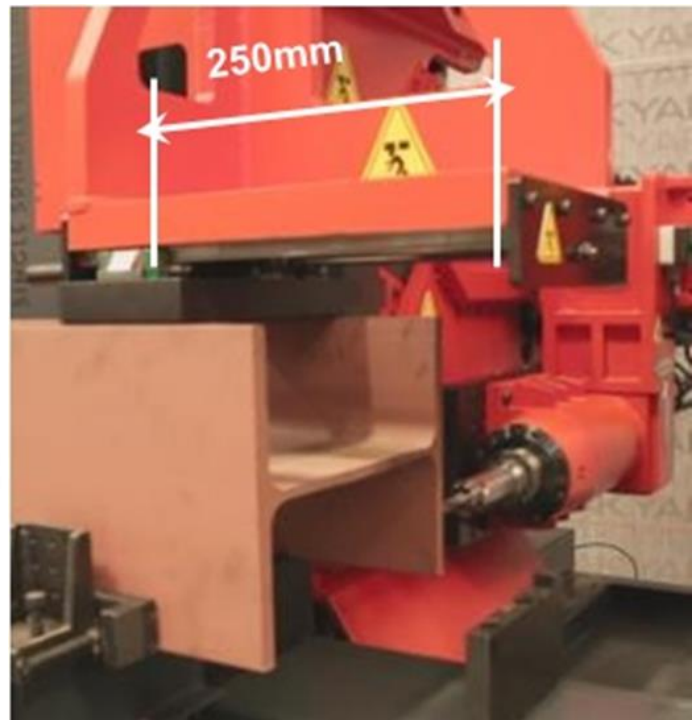
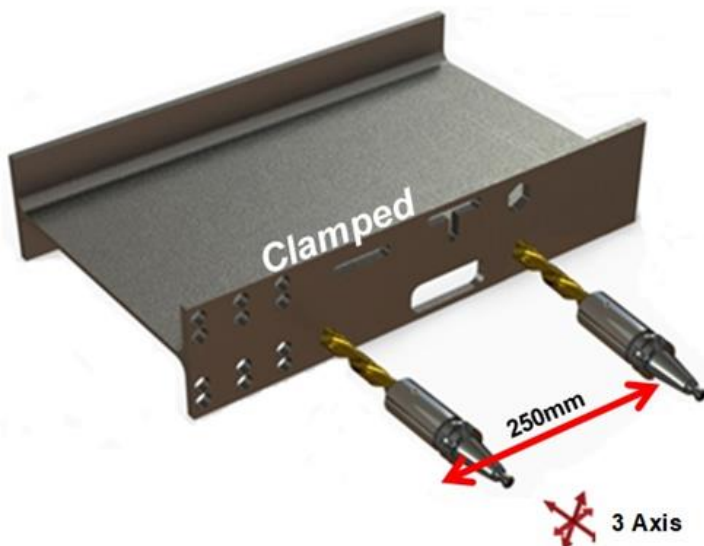
- ✓ Fast Return on Investment
- ✓ High Versatility in a Small Footprint
- ✓ Fully CNC Controlled
- ✓ 15 kW Spindle Motor Power
- ✓ 6 Station Tool Changer
- ✓ LASER Automatic Tool Measurement & Material Zero Referencing
- ✓ High positioning tolerance and repeatability
- ✓ Very robust design
- ✓ Worldwide spare parts availability
- ✓ User friendly interface
- ✓ Fast, accurate and maintenance free
- ✓ Available in Lengths of 6,10,14,18,22,26 metres





250mm Sub-axis traveling for high efficiency

The Meteor is equipped with sub-axis that enables to control the spindle within 250mm longitudinally along the material without repositioning the machine body. Therefore, there is no need to unclamp the hydraulic top clamp within a distance of 250mm to complete tight pitched holes, scribing and milling operations. The beam will clamped until processing the first hole of the next cluster outside the 250mm dimension. Thus, reduced processing time **increases the efficiency by ~50%**.

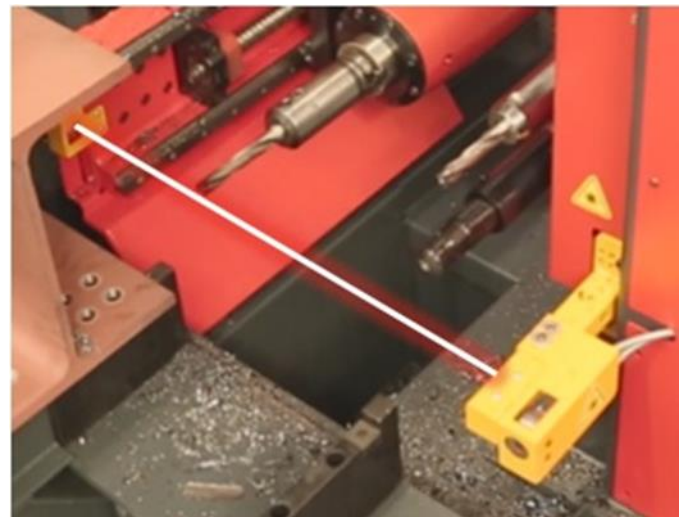


ATC- Automatic Tool Changer

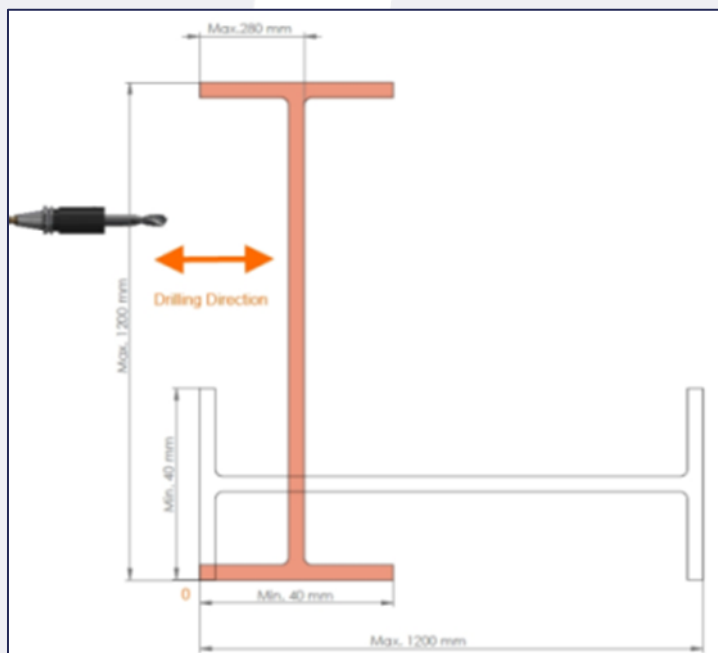
6-Six stations for different tools with single automatic tool changing unit.



Pic. 3



Technical Specifications



Controller		Siemens
Working length	meter	6,10,14,18,22,26
Beam height	mm	50 -1,200
Beam width	mm	50 -1,200
Support table height	mm	1,000
Length	meter	Working length + 3.6 metre
Height	mm	3,150
Width	mm	3,000
Weight	kg	Working length dependent
Drill Holder		BT40 (SK40 optional)
Maximum tool length	mm	320
Drilling capacity - Ø	mm	5 – 40 (Carbide)
Tapping Capacity		M6-M30
Spindle Speed	rpm	0 -3,000 stepless
Spindle Power	kW	15
Spindle Torque	Nm@rpm	192@750
Total Power	kW	45
ATC station	nos.	6