MCM-1000 | 5-AXIS PORTABLE CNC 3D CUTTING/BEVELING AND WELDING MACHINES TO OFFSHORE WIND TOWERS!

Promotech MCM machines are a true portable CNC cutting and welding machines already proven with several Customers in Wind Business, including multiple successful installations!

Promotech’s MCM machines supports Offshore projects with regards to cutting/beveling different opening in TP’s and monopiles, for example Hornsea Project One offshore wind farm!

- **Options:**
  - MIG-MAG / FCAW-G / MCAW (available upon Customer request only)

- **MCM main advantages:**
  - Each workpiece (e.g. doorframe) can be scanned to obtain individual cutting/welding CNC path
  - No joint tracking system required
  - Fast and easy positioning
  - Cutting, beveling and welding processes are performed in automated and semi-automated cycles
  - High quality SAW welds, welding defect rate much less 1%
  - No grinding of finished SAW welding seams
  - One-man operation
  - Wi-Fi monitoring / On-line service connection (on demand)
  - No CNC programming required
5 AXIS PORTABLE CNC MCM 1000
SAMPLE OFFSHORE WIND TOWERS 3D OXY-CUTTING APPLICATIONS

The test of 3D MCM Oxy-cutting prior to final cut inside XL monopile at Customer site by Promotech Team. MCM 3D Oxy-cutting accuracy is better than requirements from END-Customer.

2D drawing, plate thickness approx. #100 mm.
The test of 3D MCM Oxy-cutting prior to final cut at Customer by Promotech Team, plate thickness approx. #80mm.
Typical MCM work-station setup

- internal
- external

Built-in network router enables remote access to machine interface (VNC Network)

Compatible with mobile and desktop devices

WIFI and cable connections

On-request software updates and machine diagnostics

MCM machines are available with an on-line connection software (on demand)

MACHINE SETTINGS

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<th>Select language</th>
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Software Version: MCM: v2.2.xxxxx

MCM 3D CUTTING