

## ■ MCM-4000 / MCM-1000

### 5-AXIS PORTABLE CNC CUTTING/BEVELING AND WELDING MACHINE

Promotech's MCM machines are a true portable CNC cutting and welding machines. They can work on round, conical or flat surfaces as well as on multi-surface parts.

These machines are designed and manufactured by Promotech and are made of highest quality European parts.

#### ■ MCM machines as standard are available in the configuration:

- Oxy-fuel cutting kit for aperture single and double sided beveling (T Butt joints)
- SAW welding
- FCAW-G/MCAW welding (upon request)

#### ■ Options:

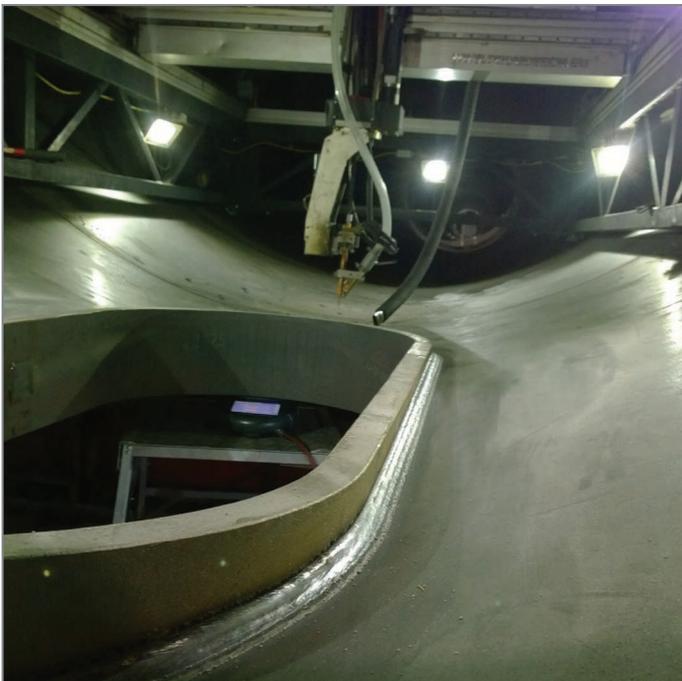
- Plasma cutting kit
- DXF data file import

#### ■ MCM main advantages:

- Each workpiece (e.g. doorframe) can be scanned to obtain individual cutting shape
- Full portability
- One-man operation
- Fast and easy positioning
- Cutting, beveling and welding processes are performed in automated cycles
- High quality welds, efficient and repeatable performance
- Semi-automatic remote torch correction available
- WiFi monitoring, recording and uploading (VNC connection)
- Made in EU
- MCM system already proven with Customers in Wind Business

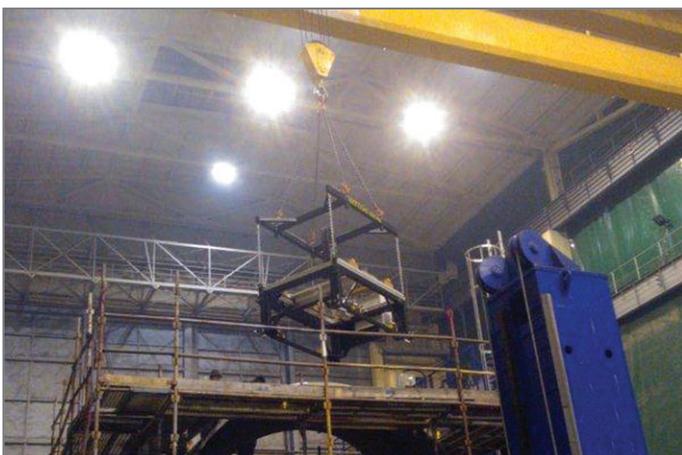


## WIND TOWER - ON-SHORE APPLICATIONS / MCM-4000



MCM door frame scanning, oxy cutting/beveling and SAW welding / One-man operation.

## WIND TOWER - OFF-SHORE APPLICATIONS / MCM-1000



## OTHER APPLICATIONS / MCM-4000 FCAW WELDING



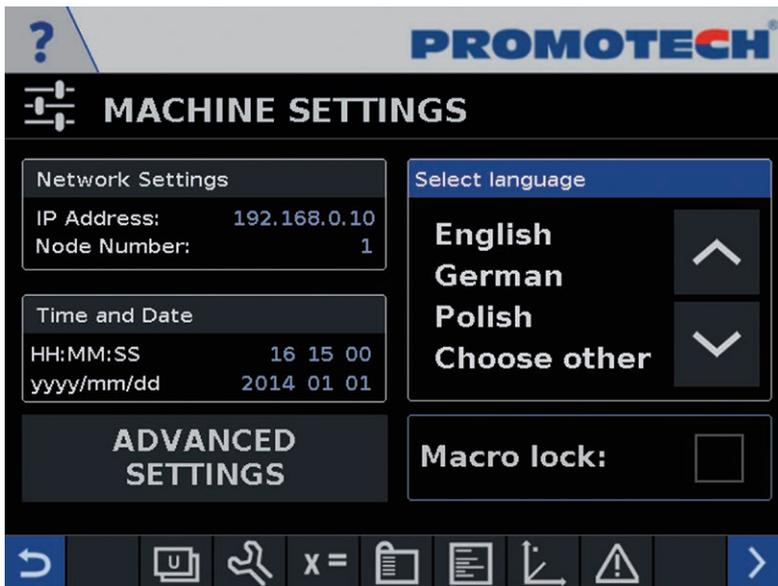
Technical specifications	MCM-1000	MCM-4000
Positioning:		
Inside (tower, vessel)	YES	YES
Outside (tower, vessel)	Option	Option
On the top of flat surface	Option	Option
Working range		
Cutting thickness (carbon steel)	15 – 150 mm	15 – 150 mm
Option: 200mm	on request	on request
Bevel angle	0 to 45°	0 to 45°
Cutting:		
• Oxy-fuel cutting kit	YES	YES
• Plasma ready	Option	Option
Welding:		
SAW ACDC or DC	Recommended option	Recommended option
GMAW/FCAW/MCAW	on request	on request
Menu in English, German	YES	YES
Other languages	on request	on request





MCM machines perform precise multi-surface oxy-fuel cutting and beveling. Which is then followed by ideal workpiece fit-up and high quality SAW welding.

MCM machines can be equipped with an on-line monitoring software.



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



Compatible with mobile and desktop devices



WIFI and cable connections

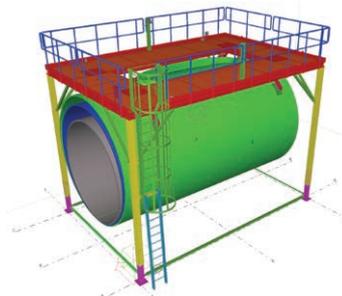


On-request software updates and machine diagnostics

• internal



• external



Mitglied im **DVS**  
DVS – Deutscher Verband für Schweißen  
und verwandte Verfahren e.V.

**American Welding Society**  
Supporting Company Member



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