



# MHC 21



## MENCK Hydraulic Controller 21

The MHC 21 is a trend-setting Control, Monitoring and Recording unit which represents the heart and soul behind MENCK's pile driving equipment. It supports the user in all phases of a pile driving operation by monitoring and recording numerous equipment parameters and installation data.

The synergy of a state-of-the-art Real Time Controller (RTC) and a Windows-based Human Machine Interface (HMI) significantly improves MENCK's monitoring and control capacity during operations even in rough offshore environments. No other monitoring system on the market matches the MHC 21 in versatility and capability.

The MHC 21 has been designed for monitoring a range of safety functions in the MHU hammers. The pile driving process is controlled online, allowing a remote view and quick processing of diagnostic data.

### The MHC 21 monitors a wide range of safety functions including

- Hammer on pile detection
- Main shackle monitoring
- Emergency stop monitoring for hammer and power pack

### Control functions include

- Real time energy control
- Supervision of stroke height
- Online blow count curve
- Running penetration history of last 10 blows
- Monitoring of all sensors in the hammer and power pack

### The MHC 21 provides

- Fast and easy data export to a USB device or to a shared network directory
- Formats in both graphical and numerical form and a basis for Load Bearing Capacity analysis
- Customer-designed job documentation forms with customized design, logo and fonts

### Simple and convenient options include

- Network capable
- Ethernet connection
  - allows for remote online view and quick processing of pile driving and diagnostic data
  - provides automatic software updates via the Internet



MENCK GmbH  
 Am Springmoor 5a  
 24568 Kaltenkirchen  
 Germany  
 Tel. +49 (0) 4191-911-0  
 Fax +49 (0) 4191-911-100  
 info@menck.com  
 www.menck.com