Cleco

LIVE**wire**™

# The new Mobile Assembly System (MAS)

Highly flexible and unique.

DGD

# Highly flexible. Unique. Individual.

With the new Mobile Assembly System (MAS), we combine our proven series of Cleco tools and our tightening controller mPro-400SG to a unique, highly flexible system.

## Standard features of the cart.

- 4-way power strip with easily accessible ports (default 2 x RS232, 1 x USB and 1 x Ethernet, 1 x System bus)
- 5m patch cable for Ethernet connection
- mPro-400GC-M with rotation and tilt adjustment
- Kexboard drawer with Keyboard
- Electronic components in lockable cabinet
- Main switch on the front
- Cable drum for power supply
- For up to 4 EC handheld tools (tightening modules are not included in the basic version)
- For up to 16 LiveWire cordless tools and/or intelligent torque wrenches!
- A maximum of 16 tools (EC-wired screwdriver, cordless screwdrivers LiveWire EC, intelligent torque wrench) can be operated with the cart!
- Tool holder for up to 3 EC handheld tools (angle head)
- 4 lockable drawers
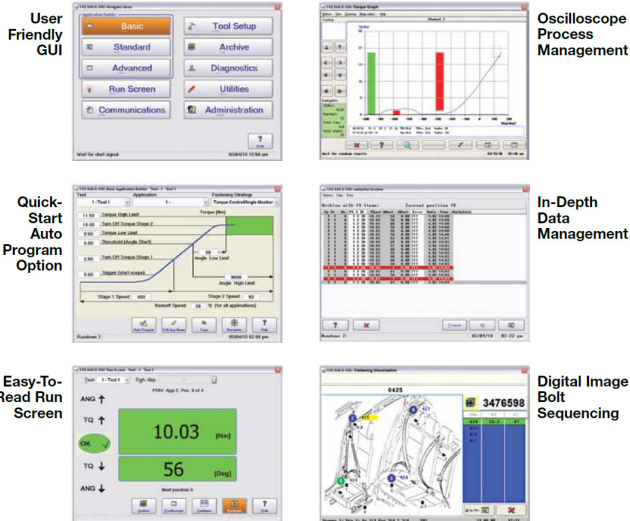- Lightweight wheels with brakes
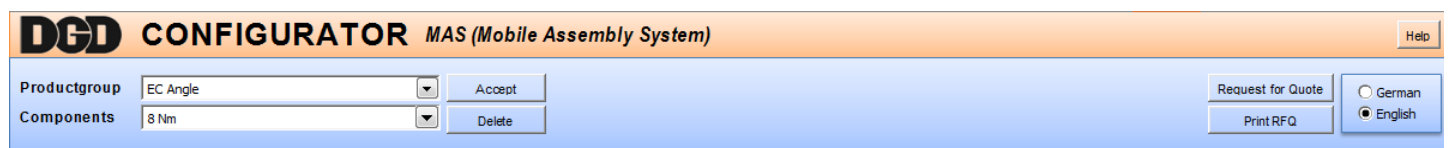
## Tightening controller mPro-400SG.

- 3 x RS232 ports for peripherals e.g. printers (type to be requested), intelligent torque wrenches, scanner...
- 4 x USB 2.0 ports (e.g. keyboard)
- 2 x Anybus CC interfaces for bus systems (PB, PN, Ethernet, DN)
- 2 x Ethernet RJ45 interfaces
- 1 x interface for internal system bus
- 2 x CF card slots including CF cards (1 x CF for parameter, 1 x CF for statistics)
- 8DI/8DO
- 12" touch panel
- Standard SG Software (S168813-1.2.4)
- OS9 (virus-secure operating system)
- No UPS required

**User Friendly GUI**

**Quick-Start Auto Program Option**

**Easy-To-Read Run Screen**

**Oscilloscope Process Management**

**In-Depth Data Management**

**Digital Image Bolt Sequencing**

# Standardfeatures Software.

- The mPro-400SG software supports TorqueNet, our data acquisition and archiving software (Connection to other systems on request).
- Protocols are available for many standard products (e.g. Open Protocol).
- The tightening controller mPro-400SG works seamlessly with current protocols and offers significant performance advantages over conventional systems.
- Customized software on request.

# DGD-Configurator.



- Simply configure your Mobile Assembly System. With the new DGD-Configurator no problem.
- Selection of our proven handheld tools by using the drop-down menu.
- After you have selected your tool, just specify the desired torque.
- The intelligent configurator will also inform you about incorrect selections.

**APEX** TOOL GROUP

Overview

### Plant network

LiVewire

highly flexible

innovative

cordless



Intelligent Torque wrench

Battery tools



EC-handheld tools

Accessories

unique

**DGD**