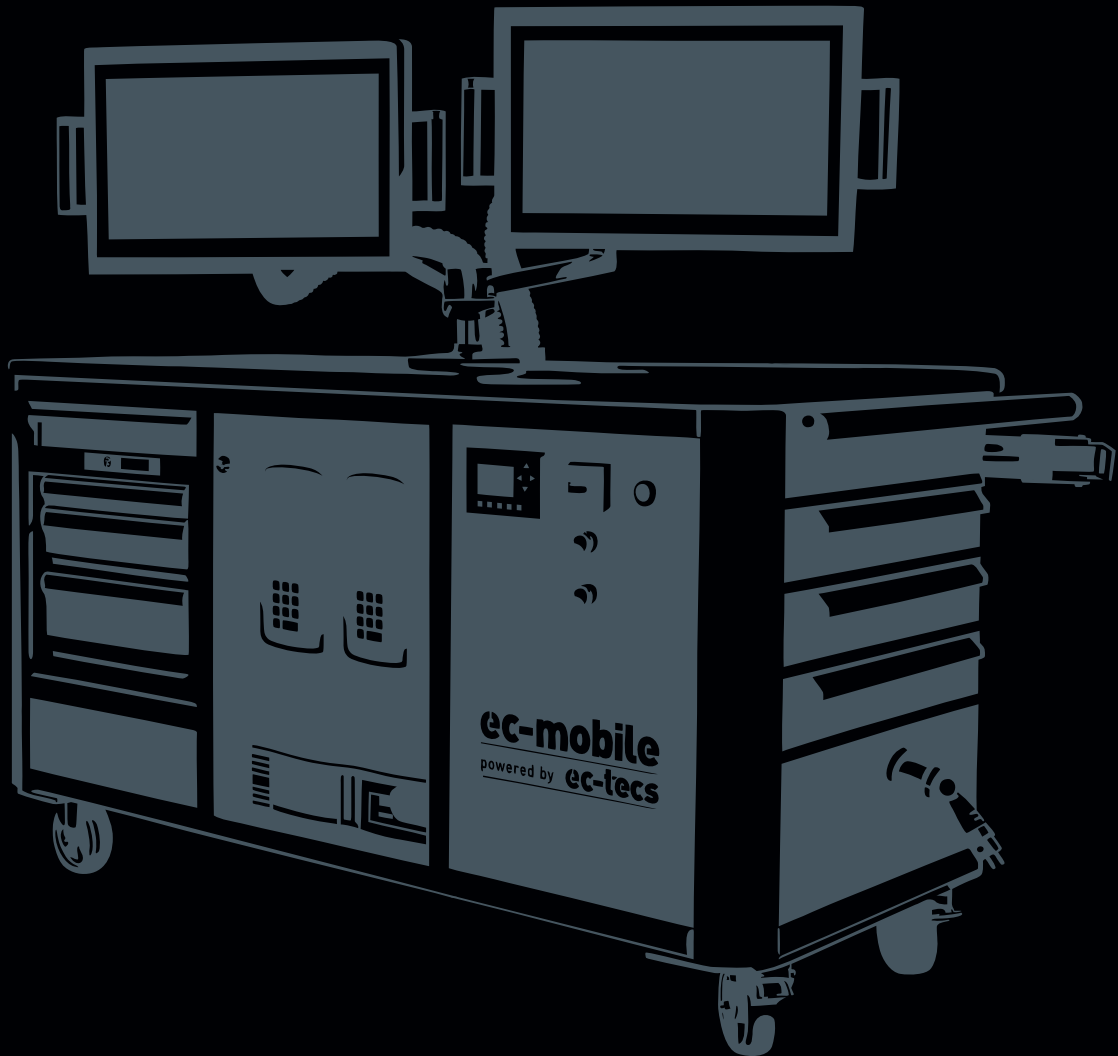


Precision to go:
ec-mobile – the mobile fastening station.



ec-mobile
powered by **ec-tecs**



Controlled screw- and nut-driving equipment, where it is needed.

A mobile fastening station that is as intelligent and well thought out as DC-fastening equipment itself – that is the ec-mobile. This fastening station offers everything that you would expect from controlled fastening equipment, and more. Amongst other things, this includes the comprehensive documentation of the fastening applications, the best reliability for your processes, as the operator is guided by ec-hmi and components are identified by a scanner.

It is possible to tighten nuts with a torque of up to 400 Nm using the ec-mobile as this fastening station is equipped with ec-tubes, a torque support system specially developed by ec-tecs. And just like with the non-mobile solutions from ec-tecs, all of the components needed for assembly can be adjusted to the customer's requirements for the mobile fastening station, too.

As we developed our mobile fastening station, we paid a lot of attention to ergonomic aspects and ease of use. The ready-to-use nutrunners and their accessories, such as sockets and extensions, all have their place and are always at your fingertips. There is plenty of storage space and there is an option to integrate cables into special drawers, which keeps your working environment well organised and tidy. Everything is quickly available – wherever you happen to be in the production area. For maximum protection against data loss, there is an additional uninterruptible power supply.

Our ec-hmi software provides a reliable and user-friendly user interface to guide the operator. However, this can easily be modified or replaced with your company's internal software.



Open up some completely new options



Monitor holder

With an integrated counterbalance, the monitors are easy to swivel and have a unique range of adjustment. They can be swivelled horizontally and vertically and can be rotated 360°.

Pull-out keyboard drawer

This is practical to be able to quickly and easily access more complex functions and parameters via the keyboard and touchpad.

Storage compartments

Everything is tidy and ready for use. You can use these lockable storage compartments for all of the accessories that you need, such as sockets, adapters and extensions. Non-slip mats keep things securely in place.

Control systems

The tool control systems and the PC are integrated and fully connected. The lockable, transparent front door allows access to authorised persons.

UPS

Saves work, time and your nerves. The uninterruptible power supply means that you don't have to shut down and restart the PC whenever you change locations.





Touch screen

You can choose a screwdriving program and various system settings easily and conveniently via the multitouch screen.

Status display

The status display shows relevant safety options such as temperature, the engaging of the ec-tubes and the status of the power supply.

ec-tubes

The seamlessly integrated pull-out torque reaction system allows nuts to be tightened with a torque of up to 400 Nm. It has a quick-action locking system and a safety lock so that the screwdriver will only operate if the ec-tubes is fully engaged.

Drawers

These provide sufficient storage space for the connected screwdrivers and cables. The special feature here is that the drawers' drop-down front panels make the tools very easy to remove.

Castors with locks

The castors use extremely free-running and robust heavy-duty rollers with a swivelling housing, dual ball bearings in the slewing ring and have a moulded polyurethane race.



Ergonomic handling

It is only when tools, instruments and working materials are perfectly arranged and accessible that a workstation becomes efficient and helps a worker's productivity. The smooth interplay between clarity, ergonomics and flexibility represents the greatest challenge here.

- Torque reaction system directly on the ec-mobile system
- Tool changes are quick and straightforward
- The operator's display can be swivelled in the working area



Easy to use

Thanks to various user levels, the software supports both a quick selection of screwed connections as well as entry of the parameters for more complex screwdriving programs. The tool operator benefits from the clear and easy use of the system when selecting screwed connections, and the structured user interface ensures that the technical department can easily maintain the system.

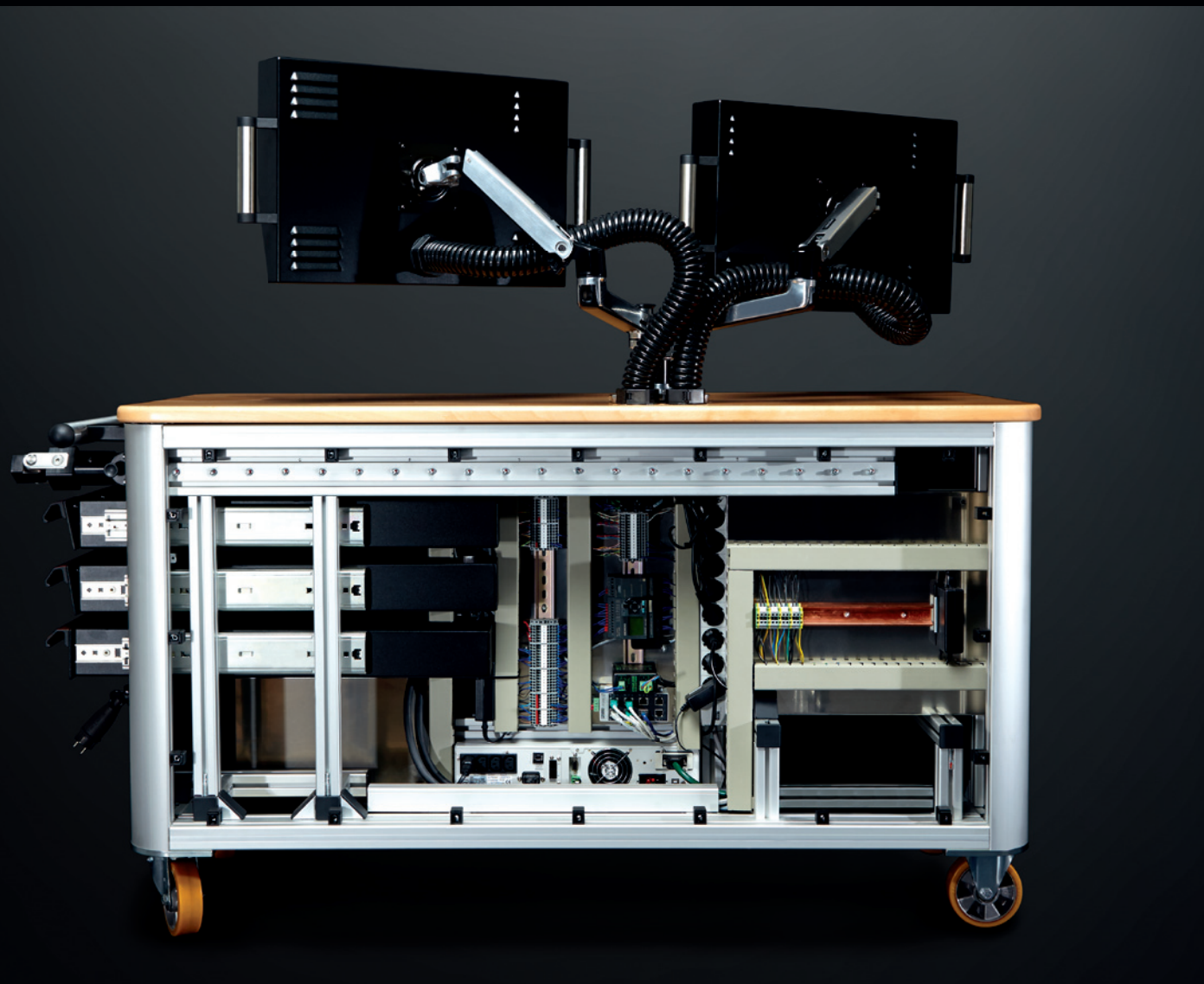
- Multitouch screen
- Keyboard with a touchpad
- Easy selection of the screwdriving program
- Parameters can be programmed directly on the monitor
- Screwed connections are evaluated directly on the screen



Flexible working

The ec-mobile system offers maximum flexibility. The operator selects the component on the monitor, and the tool needed is automatically made available. In this way, work with low torques is done with a handheld nutrunner, and work with higher torques – up to 400 Nm – is done with the help of the ec-tubes. The built-in UPS also ensures flexibility by allowing the operator to move to a new workstation without an external supply of power.

- Clearly structured access to tools and components
- The option of using handheld nutrunner for lower torques
- The workstation comes to the component and not the other way around
- Option to move to a new workstation without external power



Quality down to the smallest detail.

To meet our own high quality requirements when producing the ec-mobile, we use only the best materials and the latest generation of electronic components.

Our mobile fastening station is designed with state-of-the-art technology and of course in adherence with the current guidelines on the construction of machines and VDE regulations.

With ec-mobile, you have a reliable partner for your company's ongoing technical development. Improve the flexibility of your working procedures and the productivity of your now perfectly equipped team. The cost-effectiveness of the ec-mobile system can also be seen in that maintenance is hardly necessary and that repairs can easily be carried out thanks to a completely removable rear panel.



We get top equipment on the move.

To provide you with the best control for all of your screwed connections, we use DC-fastening equipment made by Stanley in our mobile fastening station. The integrated system software ec-hmi is the ideal complement to this top-class hardware, taking the tool operator step by step through the assembly process.

- Controlled fastening equipment made by Stanley
- Very efficient UPS
- High-end processor
- Custom operating system
- A variety of easily accessible interfaces



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