

Technical data

General data

CPU: Intel®Atom™ D525 Processor 1.8 GHz/1MB L2 cache

Memory: HD 250 GB

Power supply: 220 ~V.

Ports for connection: USB, RJ45

Measurement accuracy (data for Freedom³wrenches):

±0,5% deviation between 20% and 100% of the torque capacity

±1% deviation between 10% and 20% of the torque capacity

±0,1° display deviation of the angle

Options

Uninterruptible Power Supply

Barcode reader

Bluetooth radio module

Wi-Fi radio module

Centralized database (Oracle or SQL)

Equitable with one or more Freedom³ wrenches.

Connectable with most controller manufacturers (DC Tools)

Direct interface to Cleco battery tool LIVEWIRE™



Advanced Tightening Solutions for Quality Control & Production

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Freedom Multi Station

Tightening & Production

Barcode reader

Possibility to install an external barcode reader if not available on Freedom³ or power tool.



Controller & VPG+

VPG+ is compatible with most manufacturers of power tools and controller. Customers can choose on a wide range of what fits best to their applications.

LIVEWIRE™

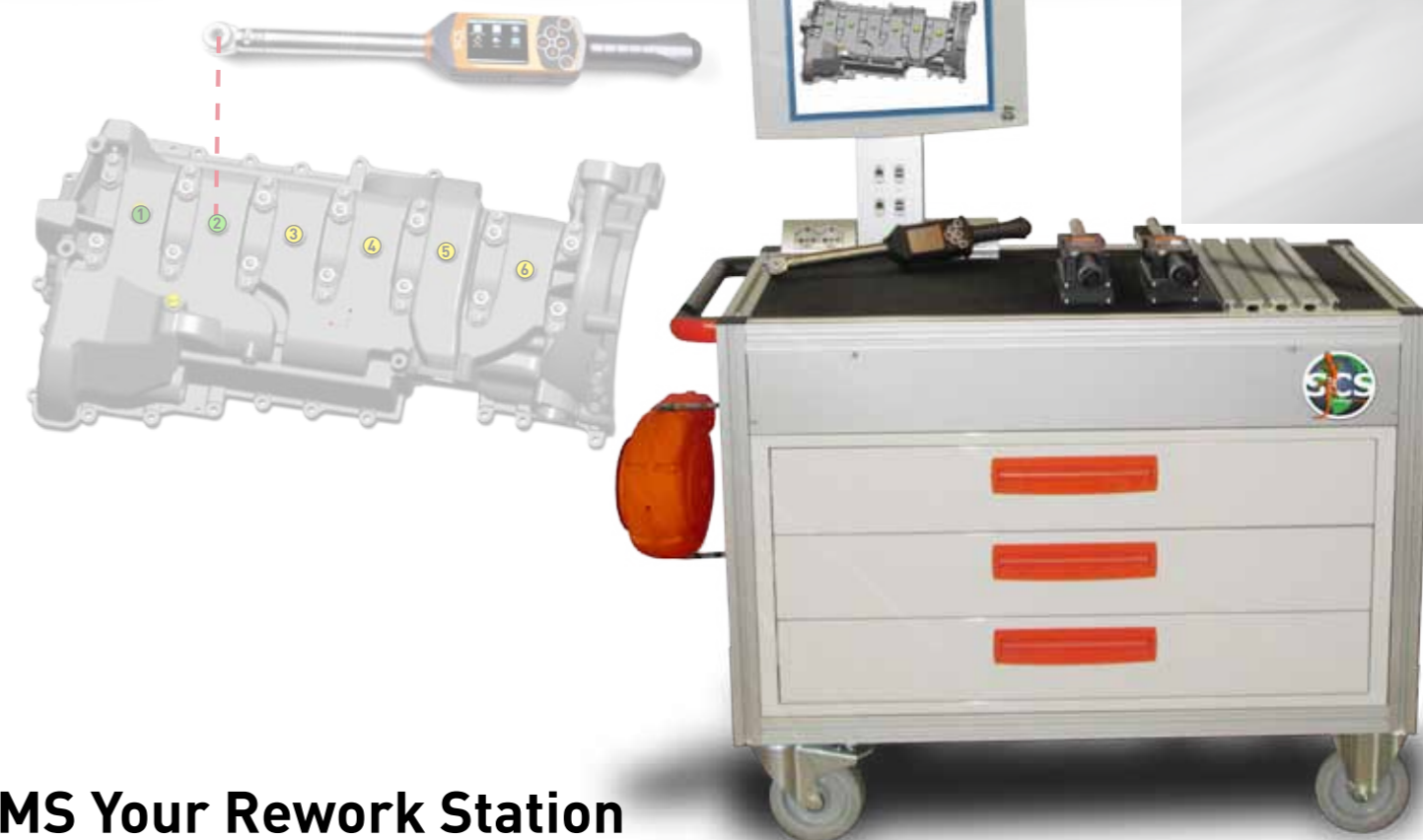
VPG+ has a direct interface to Cleco LIVEWIRE™, an installation of controllers from a wide range of tools which fit to their application is not required.

Centralized database

VPG+ can work with different databases: A local database (Access) or a centralized database (Oracle or SQL) that allows to share the data between more FMS units.

UPS

The FMS can be equipped with an UPS (uninterruptible power supply) in order to move it along the assembly line without switching off the PC system



FMS Your Rework Station
One production line in a single bench

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Your local distributor

Freedom Multi Station

FMS is designed for: rework areas (outside assembly lines), batch production, work as backup tool and train operators on the production line. FMS allows to perform any tightening process on assembly line with the installed software SCS VPG+ (Visual Production Guide Plus) which supports the operator with a graphic user guidance, showing all fastenings to be tightened and their status.

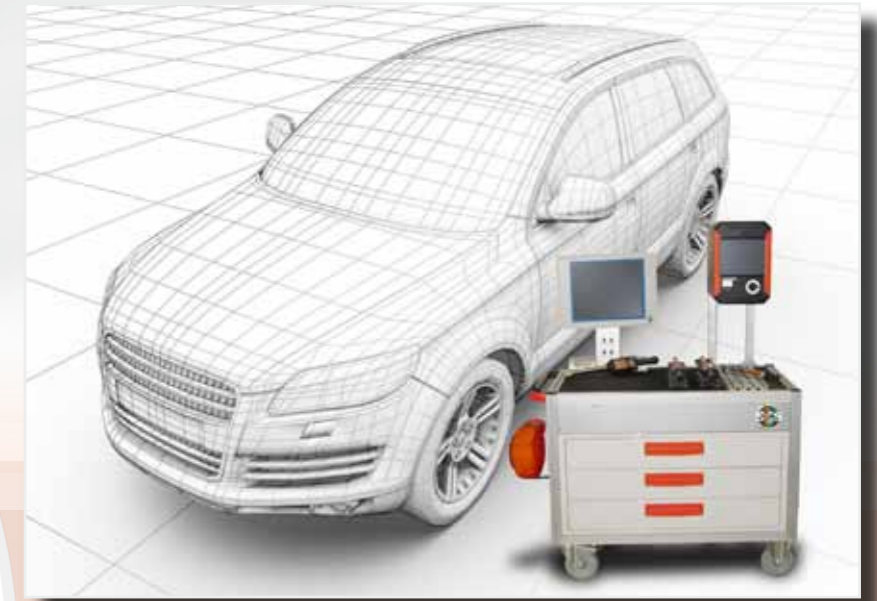


Repair bay

FMS is able to reproduce any assembly line station. In case of repair work carried out on a vehicle including disassembly, repair and reassembly, FMS guides the operator through every single step, ensuring the same quality and traceability as on the production line.

Batch production or preproduction series

Due to its high versatility, being able to simulate one, more or even every assembly station, the FMS is ideal for preproduction series if tools are not defined yet, as well as for small batches like assembling prototypes.



Backup tool

Using the FMS as a backup for assembly tools, damaged tools can be replaced quickly, and production can continue within a ten minutes.



Connections with screwdrivers CLECO LIVEWIRE™

SCS VPG+ is able to communicate with SCS Freedom³ wrenches and the control units of power tools. If working with Cleco LIVEWIRE™ power tools, the installation can be reduced, due to VPG+ being able to program the Cleco LIVEWIRE™ directly.