

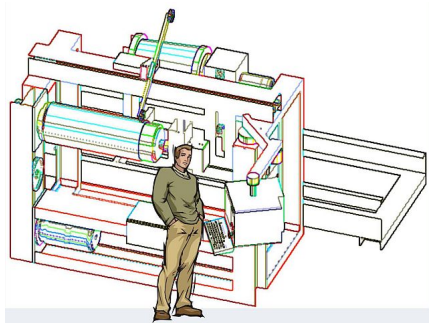
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Innovative design with detachable modules, having built in its own mechanotronics, needing only power supply and communication connectors.

System could be easily reconfigured according to the current production demands, or expanded with new modules for specific tasks.

Each module has own powerful embedded processor and the sensor network, tracking production and protection parameters, warning the operator on the touch screen console, which acts as the web server, altering the technologist, and the centralized manufacturers service crew over the cell phones, so they can do preventive maintenance without interrupting the production.

With its high precision sensors, drives and advanced software, CW3 can, to some extent, compensate questionable quality of the conductors used, by minimizing isolation damage, providing acceptable quality.



Modular work cell for megawatt sized distribution transformer coils production / cloning capabilities:

- Programmable precision tension may be automatically changed during winding on preset position or layer.
- Unwinding coil moves synchronous on rails, so the lateral bending of wound conductor is minimal (flat square conductors).
- Automatic sequential winding can change width, direction, position or anything, on adjacent sections.
- Windings of various cross sections can be programmed..

