INDUSTRY 4.0

WIL

INDUSTRY 4.0

COMPLIANT

CEMB

IN STEP WITH DIGITAL TRANSITION

SMART PRODUCTION

Smart production proposes a new model of management of the production process characterized by **innovation, flexibility, productivity**, quality and efficiency with the aim of **raising the technological level of companies making them more competitive**.

This is an approach aimed at experimenting technologies that are increasingly digital-oriented and interconnected with each other, ensuring real-time control of equipment and activities.

HOW IT WORKS

The system is based on a simple plug and play technology, consisting of an operator panel and PC management software for the workshop. All the machines inside the workshop can be connected to the management system for control and planning of the work.

The operator panel is installed on the machine and represents the man-machine interface through which the various operations are carried out.

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TYRESHOP 4.0 MANAGEMENT SOFTWARE

- no license fees
- interconnection of up to 10 machines
- planning of daily jobs divided by type (with plate indication, finished wheels, balancing or tyre mounting/demounting)
- continuous updating of the work progress status (in progress, busy, free)
- detailed report on balanced wheels / tyres replaced, with total number of spins carried out (for single job/machine and total - option only for balancing machines)
- files can be exported in Excel format for subsequent checks and job chronology

OPERATOR PLC (MACHINE SIDE)

- simple and intuitive
- view scheduled jobs with plate numbers, work start time and number of wheels to work on
- continuous updating of activities in progress with reduction of machine downtime
- possibility to plan jobs also from the operator panel with subsequent data forwarding to management software
- real-time update on spins / balanced wheels / tyres fitted
- safety alerts regarding wheel guard / pneumatic shaft
- connection with Tyreshop 4.0 software via Ethernet cable or Wi-Fi key for a continuous exchange of information

AVAILABLE ON:

WHEEL BALANCERS

ER63/63SE
ER65/65SE
ER80/80SE
ER70EVO/70EVO SE
ER85 EVO
ER90 EVO
ER100 EVO
C202SE

TYRE CHANGERS

SMX40
SMX50
SMX60
SMX70
SMX85
SMT30
SMT56/56A
SMT60/60R
SMT26/26R

WHEEL ALIGNERS

The software integrated is already programmed at the interconnection for Industry 4.0., therefore this category of products will not be equipped with the management software kit - PLC panel.

ALL MODELS ARE ALREADY SET UP FOR INTERCONNECTION WITHIN THE WORKSHOP AREA, THROUGH MANAGEMENT SOFTWARE AND A PLC PANEL SUPPLIED WITH THE MACHINES.

ALL INCLUSIVE

Operator panel and management software, without any license fees (no waste of time to interface the machines with the workshop environment)
Connection via management system of up to 10 machines
Connection via Ethernet cable or Wi-Fi key (optional)

CEMB
BALANCING MACHINES

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