

INDUSTRY 4.0

ADD VALUE TO YOUR WORK!!!

INDUSTRY 4.0, also known as The Fourth Industrial Revolution, refers to the fusion of physical and digital technologies to create advanced manufacturing systems that are fully automated, interconnected and data driven.

Machinery in this category not only ensures optimized production and organisational efficiencies, but allows clients to realize business incentives provided by the “National Plan Industry 4.0” initiative, which consists of an overvaluation and total tax depreciation for the cost of the investment in qualifying assets.

Two principle aspects of this evolution, automation and interconnection, offer significant advantages from an operational perspective. Imagine smart manufacturing system with capabilities like remote real-time monitoring and control, live data streaming, advanced analytics and predictive correction.



Some precautions to satisfy the security requirements

OPTIONAL: Balustrade and access to the structure elevated through stairs (NOT VISIBLE) protected by a cage

Moreover, clients will be able to monitor their systems and processes via our intuitive and customizable user interfaces providing access to a variety of options including :

- Machinery diagnostic reporting and alerting;
- Barcode reading and barcode label creation
- Remote data access with security and emergency access provisions to meet firefighting safety principles
- Visibility and sharing of information such as:

Powder lot number, contents (type of powder/Co2 etc.), exact production time and attending engineer, various technical data (e.g. valve clamping force).

Below are the provisions dictated by the National Plan that we have adapted to some of our machines:



- ◇ Interconnection;
- ◇ PLC Control;
- ◇ Logistics system integration;
- ◇ Intuitive user interfaces;
- ◇ Effective and compliant security controls;
- ◇ Remote diagnosis and support capabilities;
- ◇ Remote user control;
- ◇ Sensor based monitoring for critical phases.

Simple and intuitive touch screen command interface.