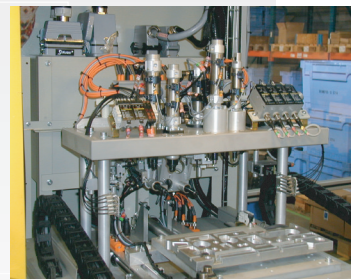
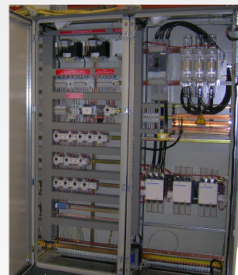




Electricity - Automation - Supervision - Special machines



More than 40 years at your service

Soderel, industrial systems manufacturer

Since 1976, the core business of Soderel gathers industrial electricity and automation. It developed new abilities in relation with its know-how to become industrial systems designer and extend its activity all around the world.



Our teams suggest you creative solutions suited to your needs in all the business fields of our firm:

- electricity
- automation
- informatics
- mechanics
- fluid filling systems
- tightness testing systems
- supervision

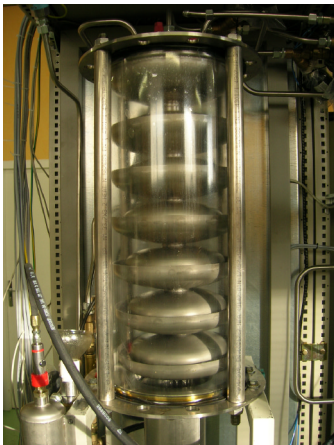
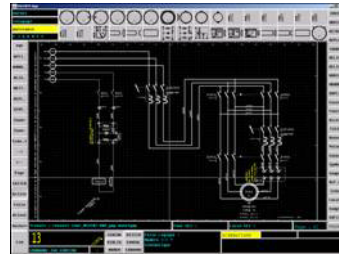
Several services at your disposal:

- . Research and engineering data
- . Equipment elaboration
- . On-site installation
- . Application
- . Advices and training
- . Technical support
- . Maintenance



Resources

Our engineers and technicians realize all your projects. Thus, the engineer's offices have several tools of project management, Computer-Assisted Design / Computer-Assisted Drawing (2D/3D Autocad, Xelec, Xfluid, See electrical expert, Solidworks), 3D simulation, flow simulation.



Our mechanical workshop conceives and realizes solutions suited to your needs. Our achievements allow to adapt the different components of our machines to the specificities of the site environment.



Values and objectives

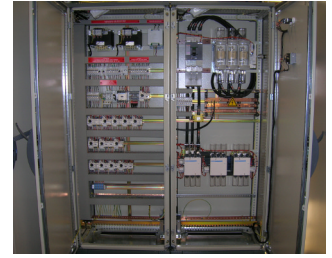
- Permanent search for improvement of our performance quality to satisfy our client.
- Preservation and strengthening of confidence relations with our clients, partners and suppliers.
- One of the key of our internal and external growth lies in the certification ISO 9001:2000, and also in our commitments as regards security and respect for environment.

In this context of continuous improvement, we are continually searching and developing new processes and means to optimize your equipments: adapter head with screwing connection, broadcasting of GPS signal in the production building, ...

Several fields of activity

Electricity

- All types of electrical installation
- High and Low-voltage supply
- Transformer stations
- Interior and exterior lighting
- Machinery equipments
- Networks protection and management
- Inverters - generating sets
- Cabling.....



Automation

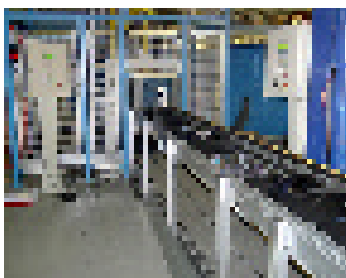
- Design and programming of PLC (Programmable Logic Controller)
- Process improvement : updating and modification of existing PLC
- Study, design and ergonomic definition of working places
- Flow assembly management
- Communication, Human Machines Interface

Special machines

Within our activity of special machines, we achieve all technical studies (electrical, automation, mechanical, data-processing, and hydraulic) to create and install the appropriate machine.

In the automobile industry, our machines guarantee the tightness testing but also the filling of all the fluids: windscreen washer, brake fluid, air conditioning, cooling liquid. We can help you as well to detect and locate leaks.

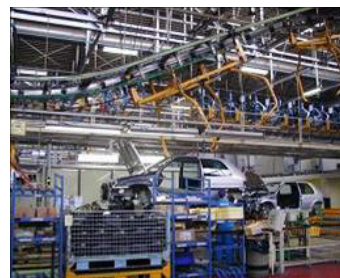
Examples of achievements:



Conveyance and assembly of pieces



Automated guided vehicle



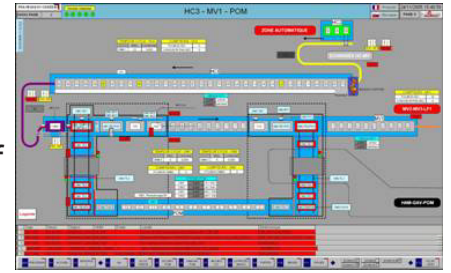
Convoyage de véhicules



Line of hand-operated assembly of pumps

Supervision

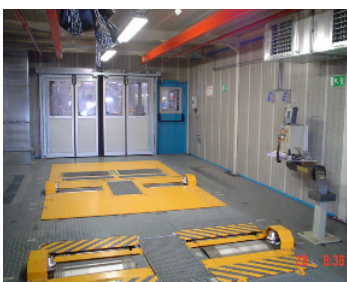
- Display, management, control and storage of defects with filtering
- Information pages on the state of your installations for the starts of production
- Management of system administrators and users
- Display and filing of time / frequency counter of informations
- Calculation of assembly rates
- Inhibition of the supervision installation by installation



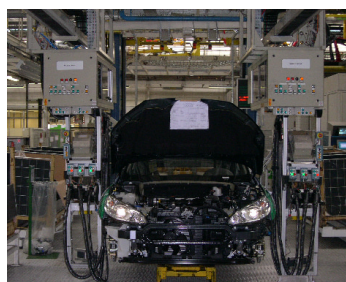
REFERENCES:

PSA (France, Spain, Slovakia)
 GRUNDFOS
 SOLVAY
 ATEQ
 KRONENBOURG
 LETHIGUEL
 RHONE POULENC
 VALLOUREC PRECISION
 IMPRESS
 MICHELIN

RENAULT
 SAINT-GOBAIN PAM
 SCHENCK
 USINOR
 DUPONT DE NEMOURS
 ATLAS COPCO
 DELPHI
 MÜLLER WEINGARTEN
 KLEBER
 TRAPIL...



Wheel alignment stand



Tightness testing of air conditioning system, cooling liquid and brake fluid



Force and way measurement of the brake pedal



Mobile filling system