R.C.E. Electric Equipment

R.C.E. Electric Equipment

“Customer satisfaction with quality, punctuality and price.”

RCE has been designing, developing and manufacturing industrial cabling, co-molded connectors and electrical panels for over 20 years.

Our strength is experience, flexibility and the ability to develop solutions to specific customer requests. These characteristics allow us to define the most appropriate technologies and production methods to obtain a product with a competitive quality-price ratio.

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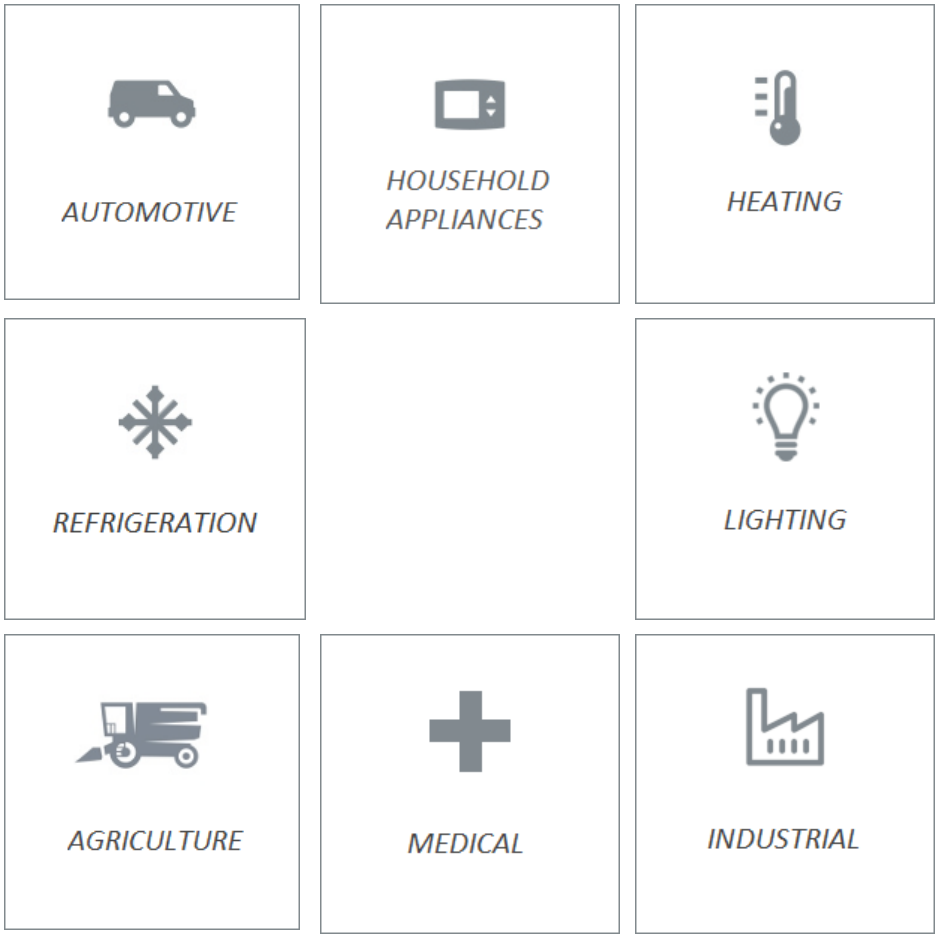
Areas of Competence

RCE operates in various industrial sectors including automotive, household appliance, heating, refrigeration, lighting, agriculture and medical.

Our main customers include large international groups. Thanks to the flexibility that sets us apart, we provide our service to many small and medium enterprises, guaranteeing them the best technical support and quality standards.

The goal that accompanies RCE in its activity is the satisfaction of custumer.



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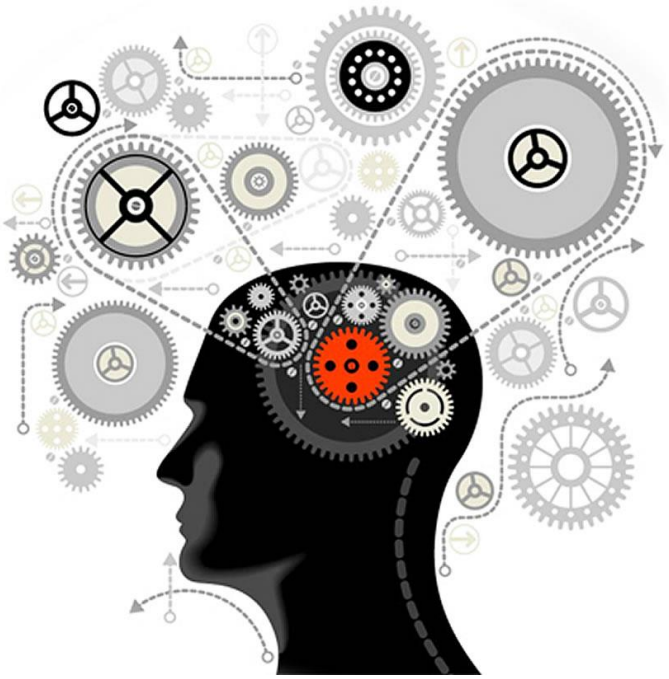
Core Activities, competencies and know how

- Design, development and production of electrical and electronic industrial wiring for various uses in the sectors:
- **Automotive**
- **Household Appliances**
- **Heating**
- **Refrigeration**
- **Lighting**
- **Agriculture**
- **Medical**

- Special cable processing and development of customized solutions.

- Assembly of electrical / electronic equipment.



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Quality

RCE is certified:

UNI EN 9001

(december 2015)

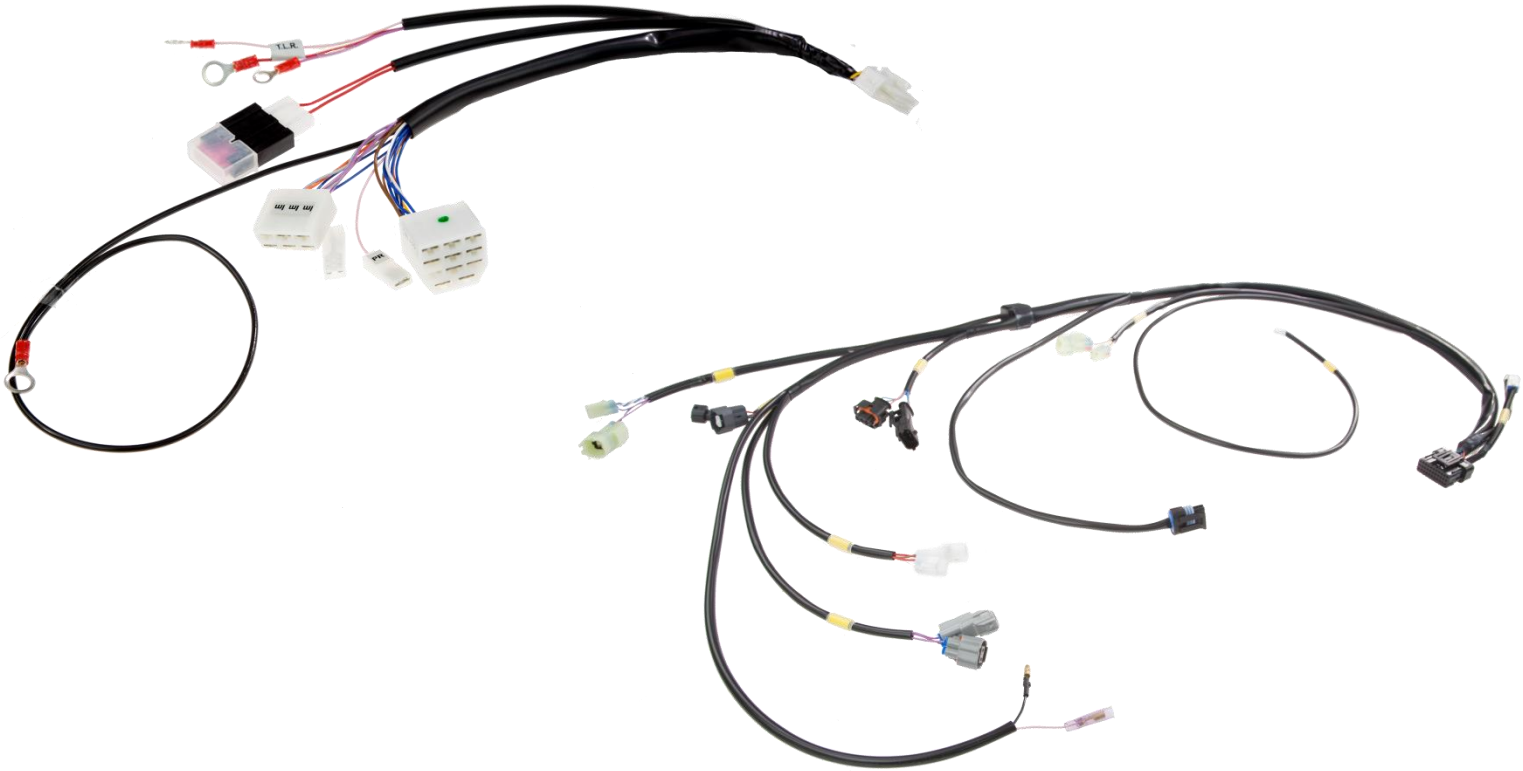
Also respect the

RoHS COMMUNITY STANDARDS

(2011/65/CE)

Automotive

- Connection systems for the automotive sector



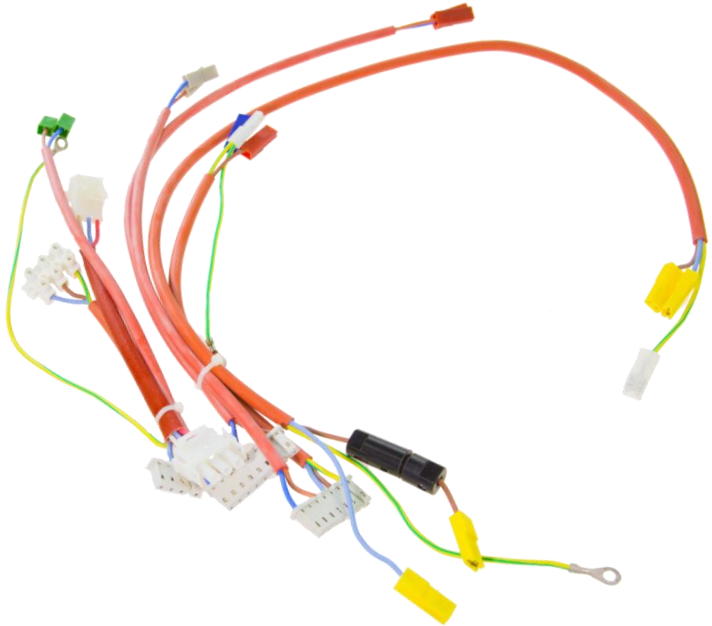
Connection systems

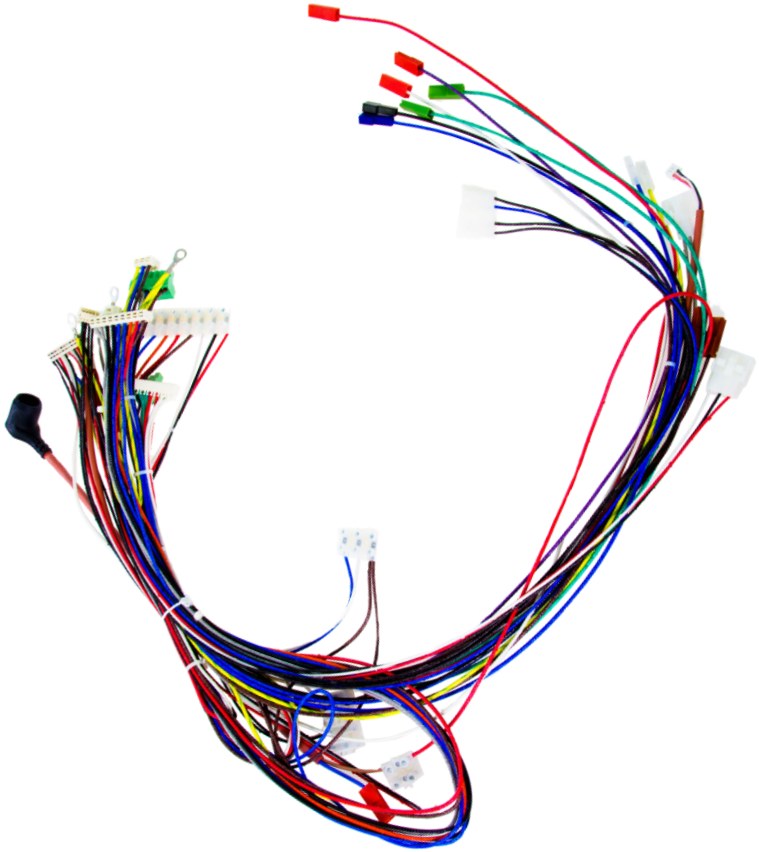
Power

- Power connection systems

Heating

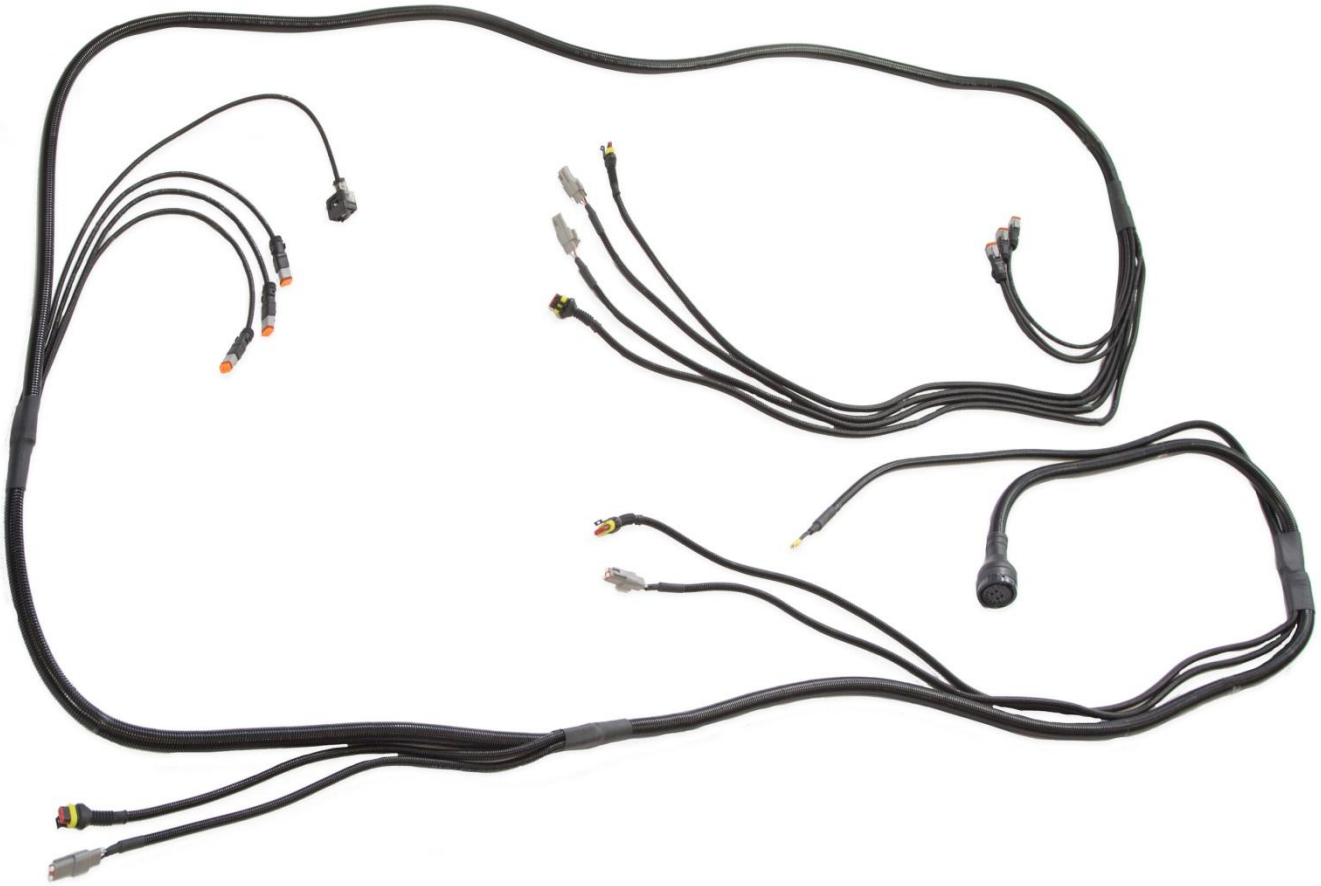
- Connection systems for the heating sector





Agriculture

- Connection systems for the agricultural sector



Industrial

- Connection systems for the industrial sector

Molded Connectors

- Co-molded connector connection systems

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Main technologies & processes

- Cutting and stripping
- Crimping
- IDC
- Welding
  - Tin soldering
  - Induction
  - Resistance
- Molding
- Potting
- Shielding
- Testing

Marking/Labelling

- Ink Jet
- Laser

Cutting and stripping

- One of the RCE processes is the cutting and stripping of cables, thanks to 2 Schleuniger machines capable of automatically processing large cables and wires up to 35 mm in diameter and guaranteeing high performance, precision and flexibility.

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Processes

Cut to length

Full or partial strip left and right

Jacket and inner conductor stripping

Jacket stripping of extremely thin insulations

Jacket stripping of multi-conductor cables

Multi-layer stripping

Multi-layer with shield processing (Coax, Hybrid, etc.)

Multi-step jacket stripping with inner conductor stripping and window slitting

Multi-step stripping

Trimming, separating and stripping of individual zipcord conductors

Wire marking

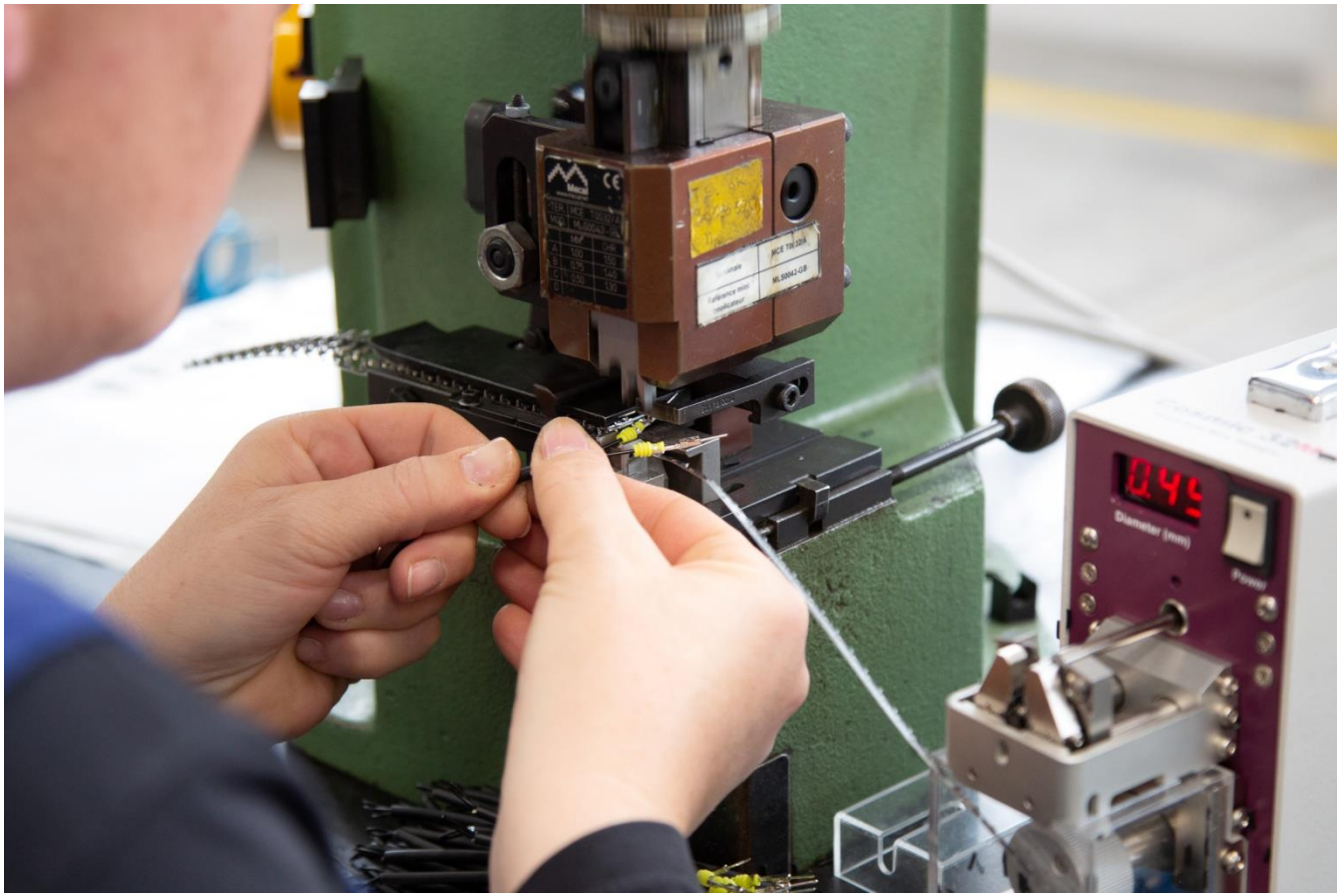
CABLES FOR FIXED INSTALLATION

CABLES WITH UL STANDARD

CABLES FOR MOBILE INSTALLATION

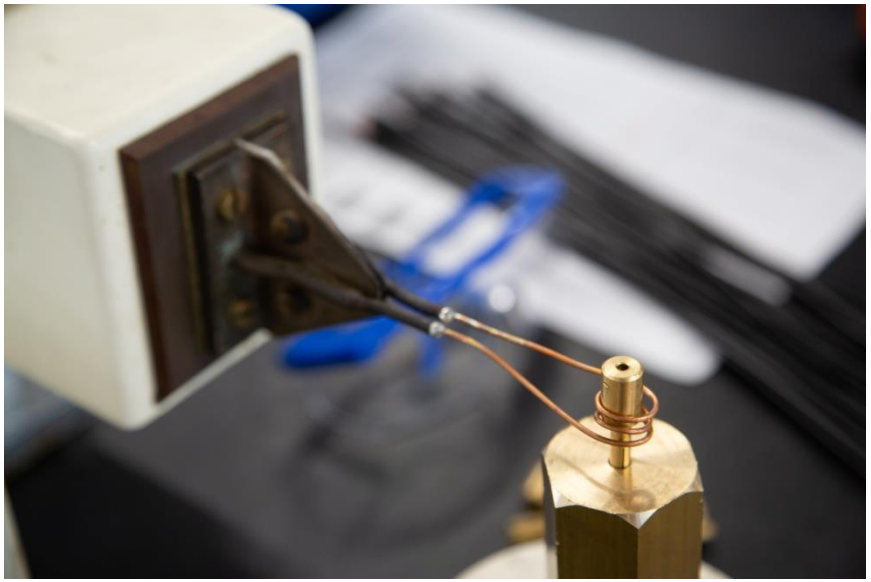
CABLES FOR CONTROL

Crimping



IDC-IPC

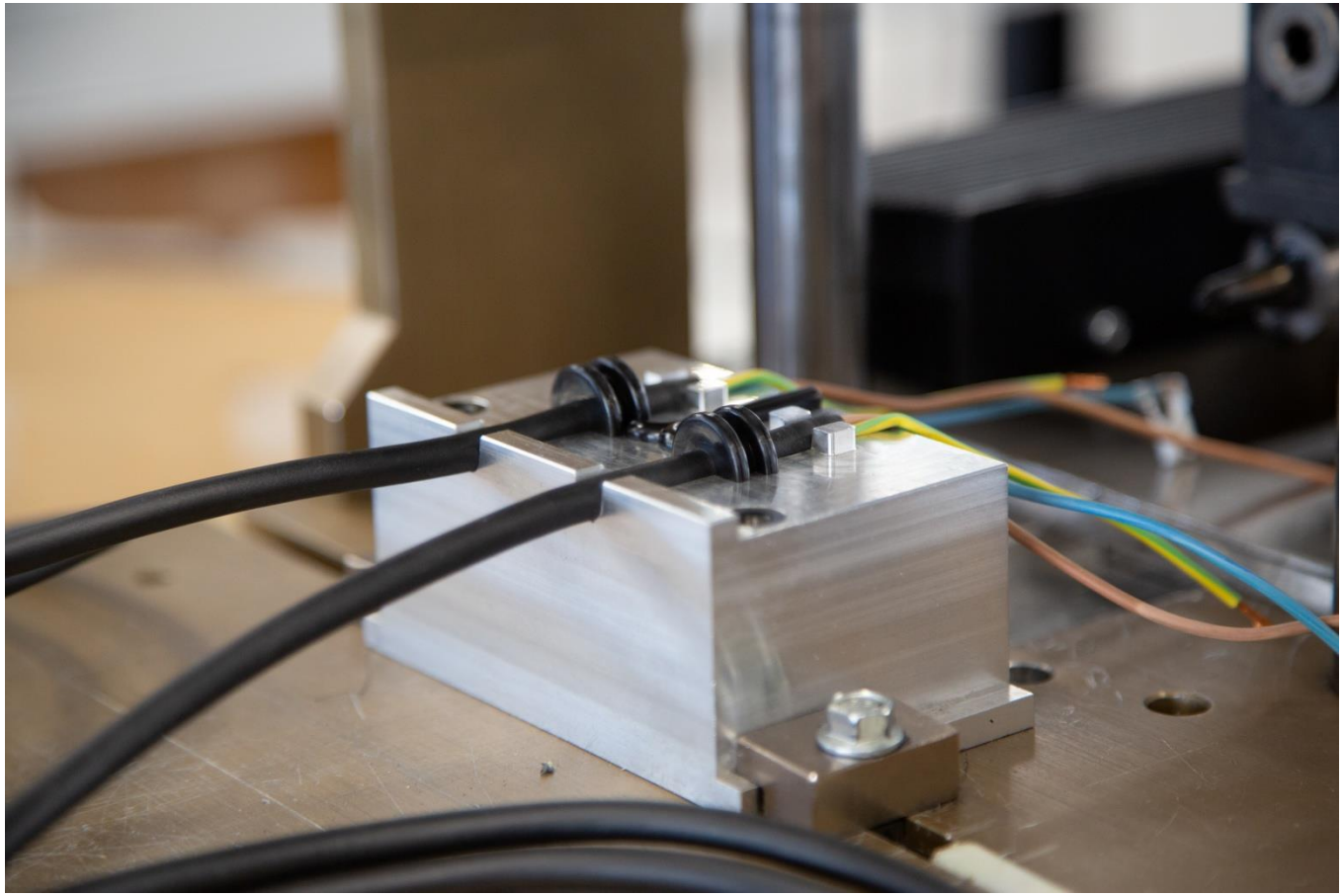
Welding



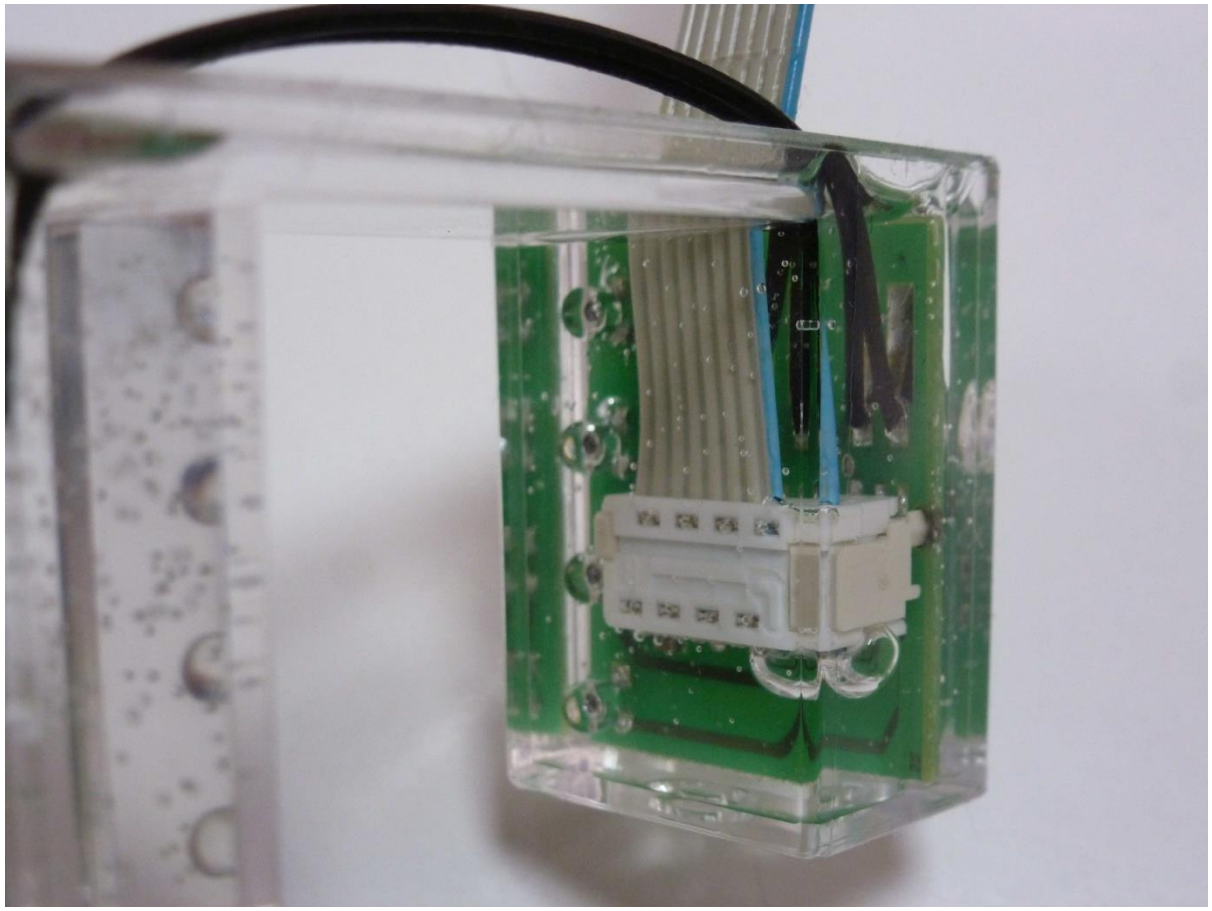
Induction

Tin soldering

Molding

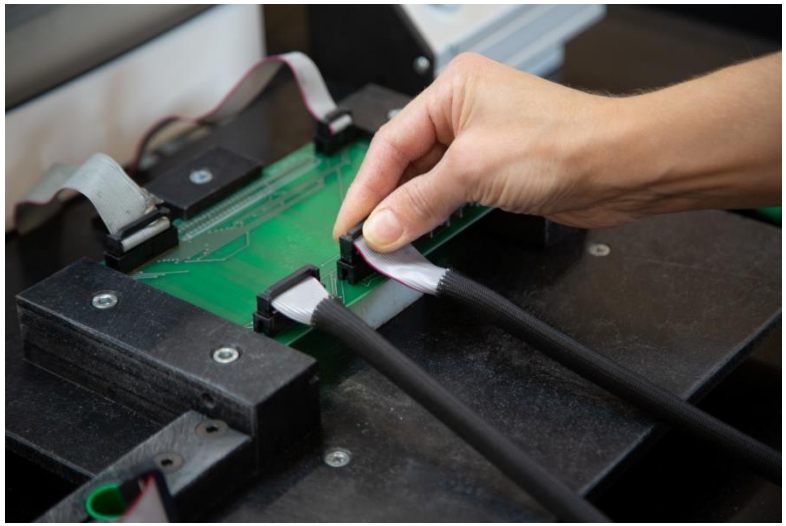


Potting



Shielding

Testing



Connection, component and functional testing of switches and buttons

Test of connection of components, insulation, electrical resistance, functional of switches and push-buttons, functional of relays and components with RLC meter

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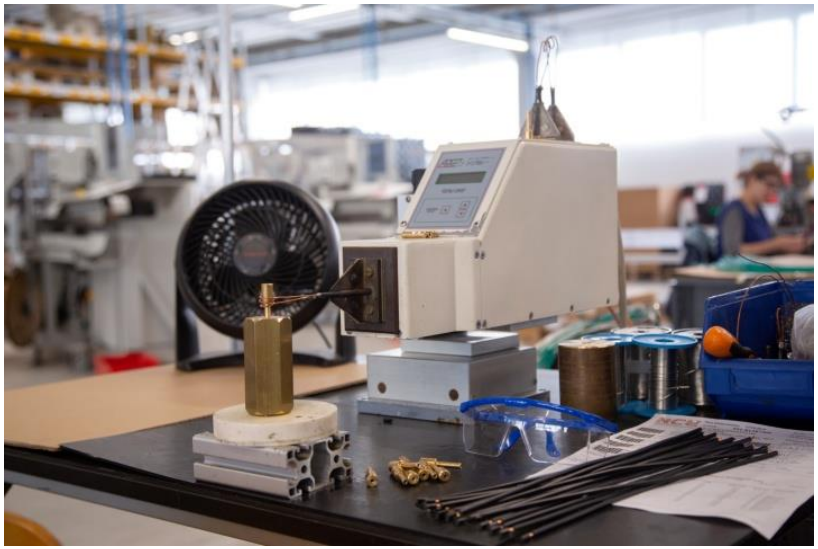
Equipments

Resistance welding machine



Induction welding machine

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Equipments

Macromelt molding

Polyurethane molding

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Equipments

Press for crimping pre-insulated tips

Machine for insulation piercing connectors pitch 2.5-5

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Equipments

Machine for heat shrink tubes

Cutting machine for heat shrinkable tubes and flat cables

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Equipments

Tying system for cables in skeins

Automatic binding system with cable ties

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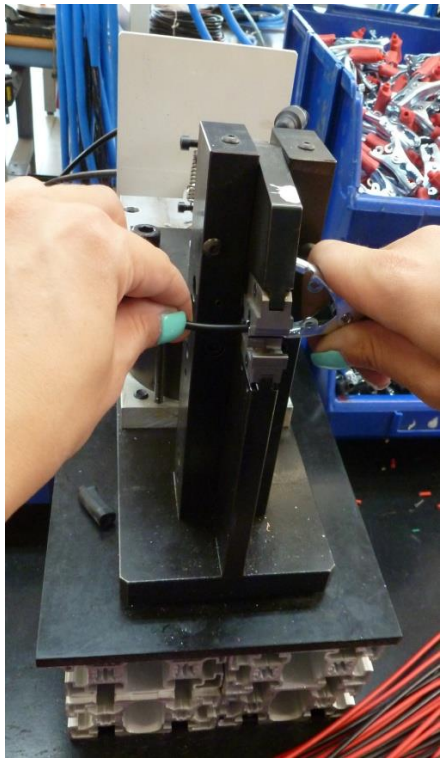
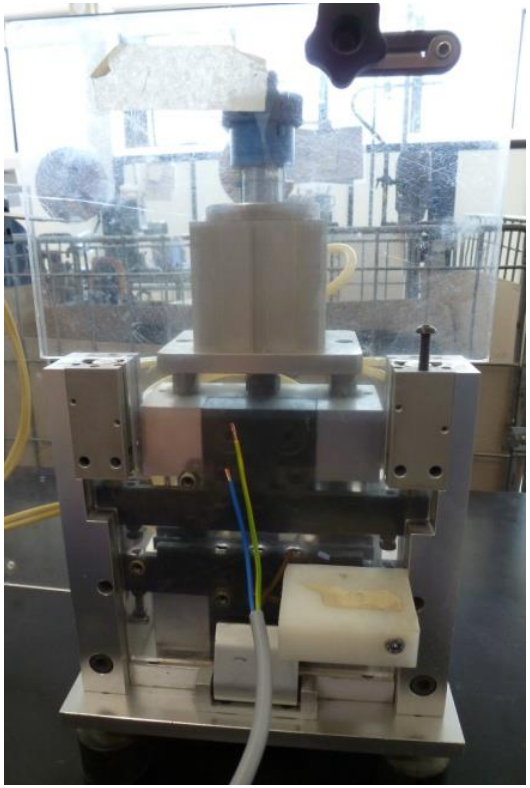
Equipments



Pre-insulated head press



Machine for cutting and stripping multipolar cables

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Equipments

Wire stripper with
electronic adjustment

Wire stripping from 2.5 to 16 mm²

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Machines

RCE has:

- Schleuniger machines for multipolar cable processing
- Komax machines for wire processing

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Assembly Lines

R.C.E. Electric Equipment

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