



EXTRACTION TOOLS
MADE IN GERMANY.



WELCOME TO OUR PRESENTATION



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MIBostahl®

DO YOU KNOW ...

... **1982** - mibostahl was the first company worldwide that developed professional solutions for non-destructive unlocking processes and high quality extraction tools.



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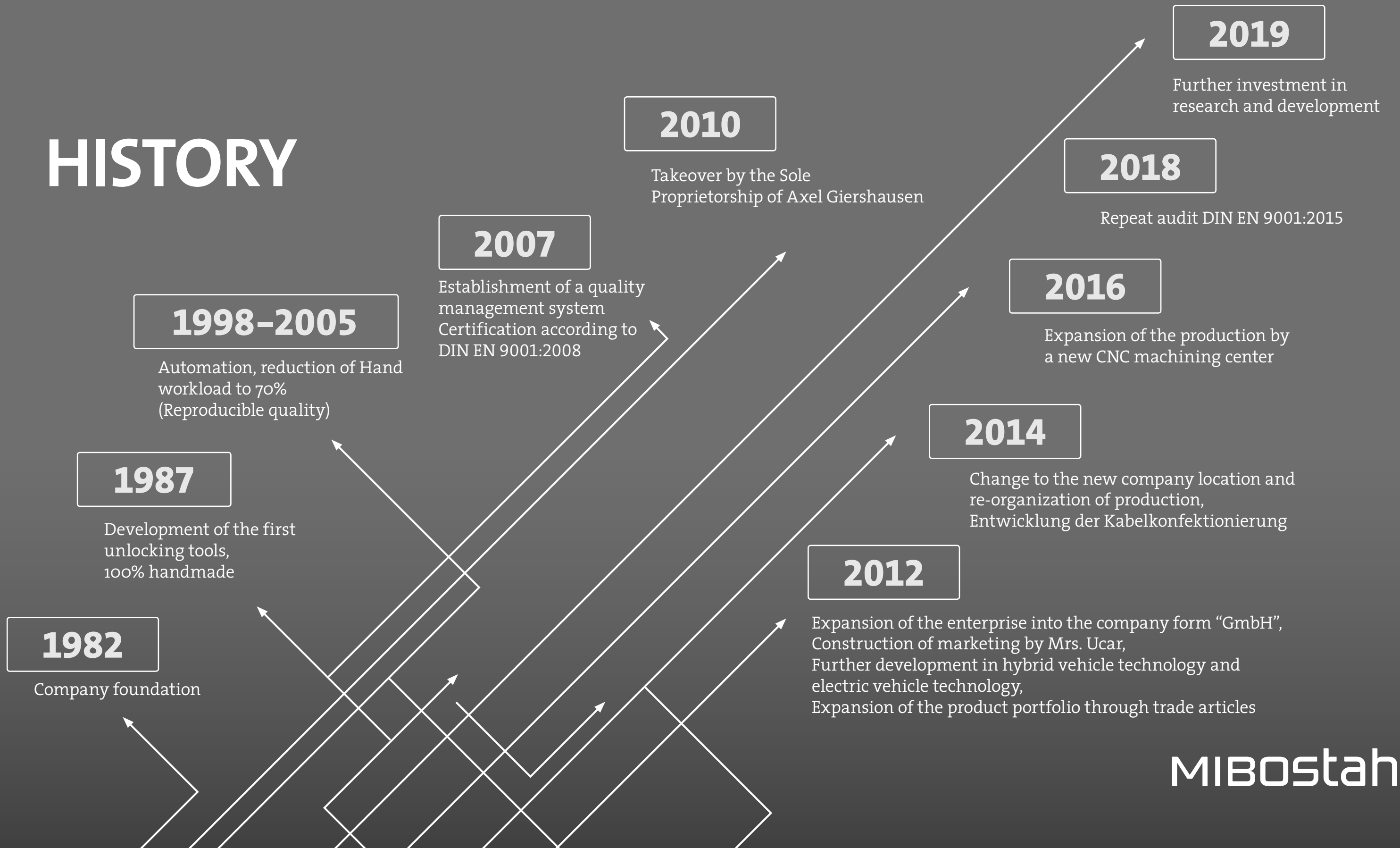
... **2016** - there are now over 1400 tools on the market worldwide. 1/3 of these tools were developed in the first 5 years of mibostahl and they still find application in the automotive business today.

YESTERDAY. TODAY. TOMORROW.



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HISTORY



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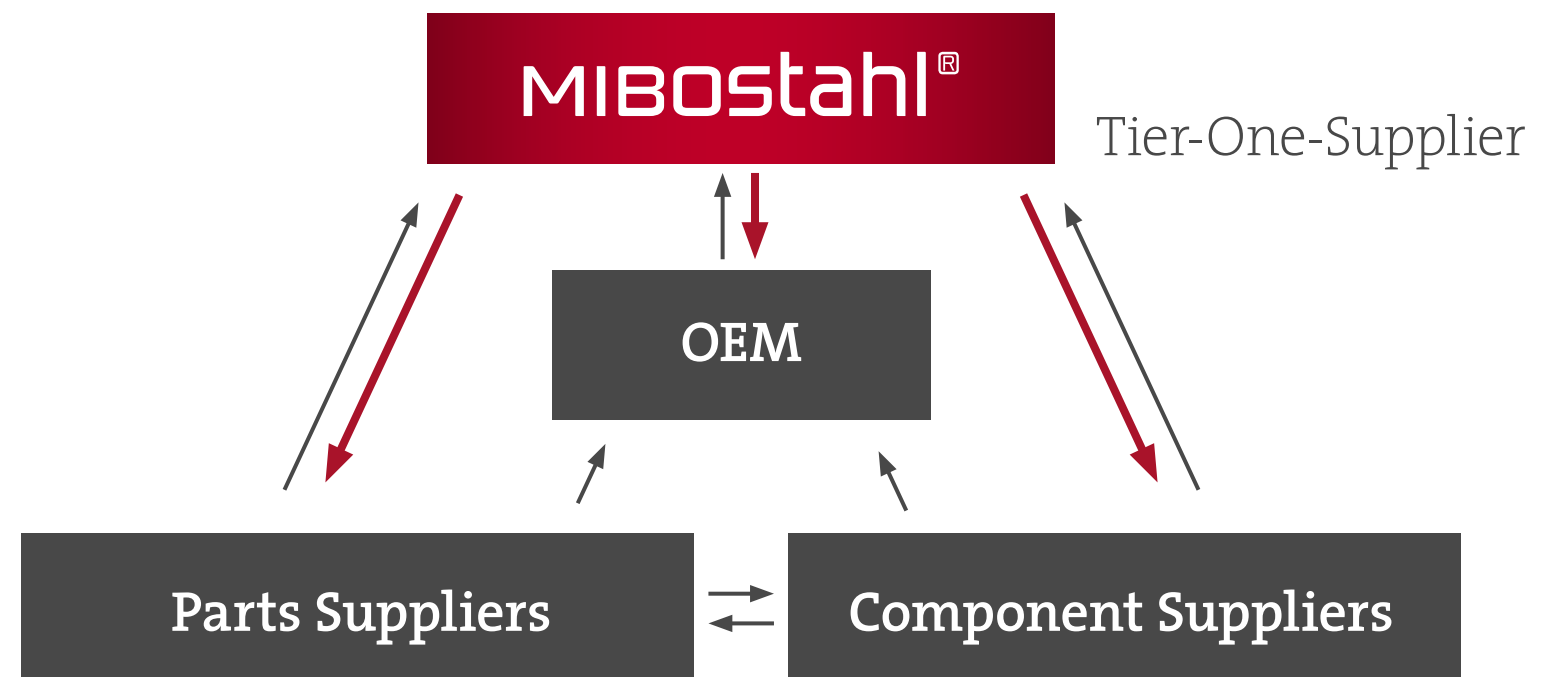
WHO WE ARE

We are the combination of solid production know-how and management for individual solutions.

WHO WE ARE

We are a system supplier

- High own development
- Extensive achievement offer



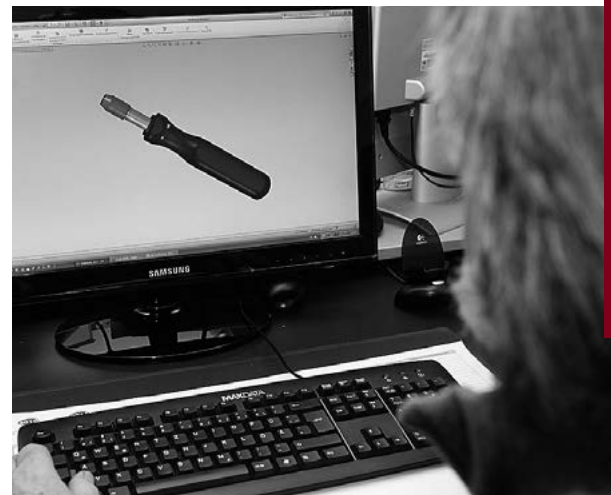


Axel Giershausen, CEO
(Picture taken from:
Automobilwoche No. 21/2012)

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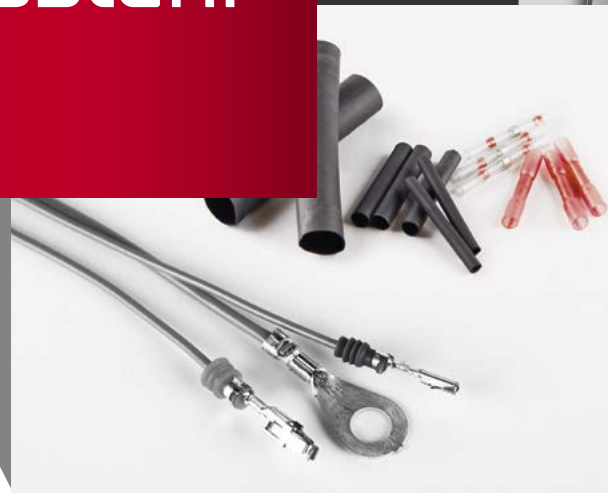
OUR KEY COMPETENCES

WE SUPPORT YOU IN:



- Development of new tools
- Detailed documentation
- Allocation service

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- Special sets of extraction tools for dealer's garages
- Special sets of hand crimp tools
- Crossover sets of extraction and crimp tools



- Dedicated extraction tool sets for several systems
- Creation of manuals for application
- Employee training

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OUR GUIDING PRINCIPLES

The **customer** is the focus for everything we do.

We appreciate, challenge, and support our **employees**.

We are constantly working towards excellent and sustainable **economic success**.

Our efforts include an ongoing commitment to continue our leadership role in the area of **sustainability**.

We create and build our future on the foundations of a successful **family-run business**.

We continually invest

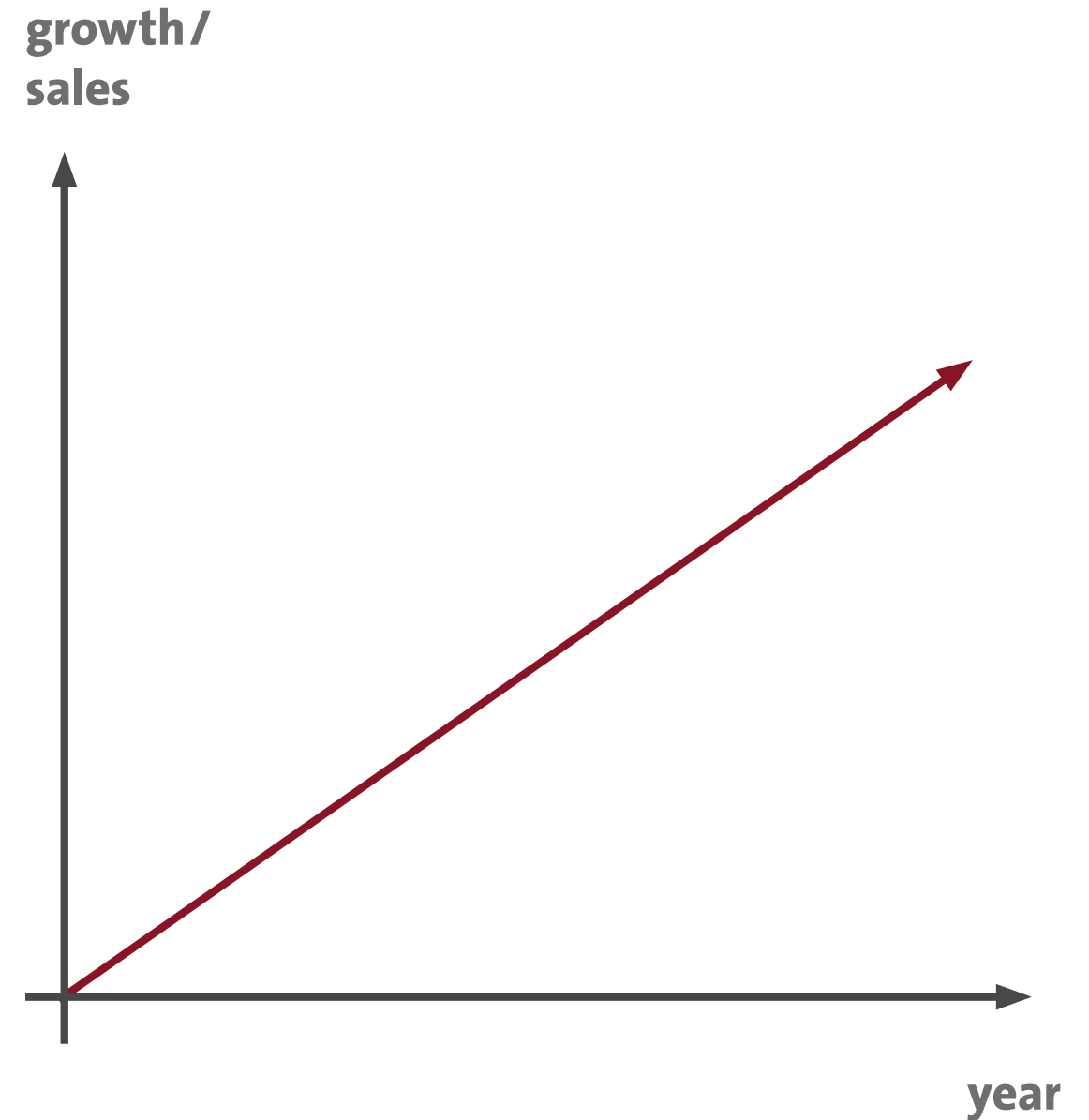
- in the education of our employees
- in modern production engineering
- 3D-prototyping and software

We are constantly working

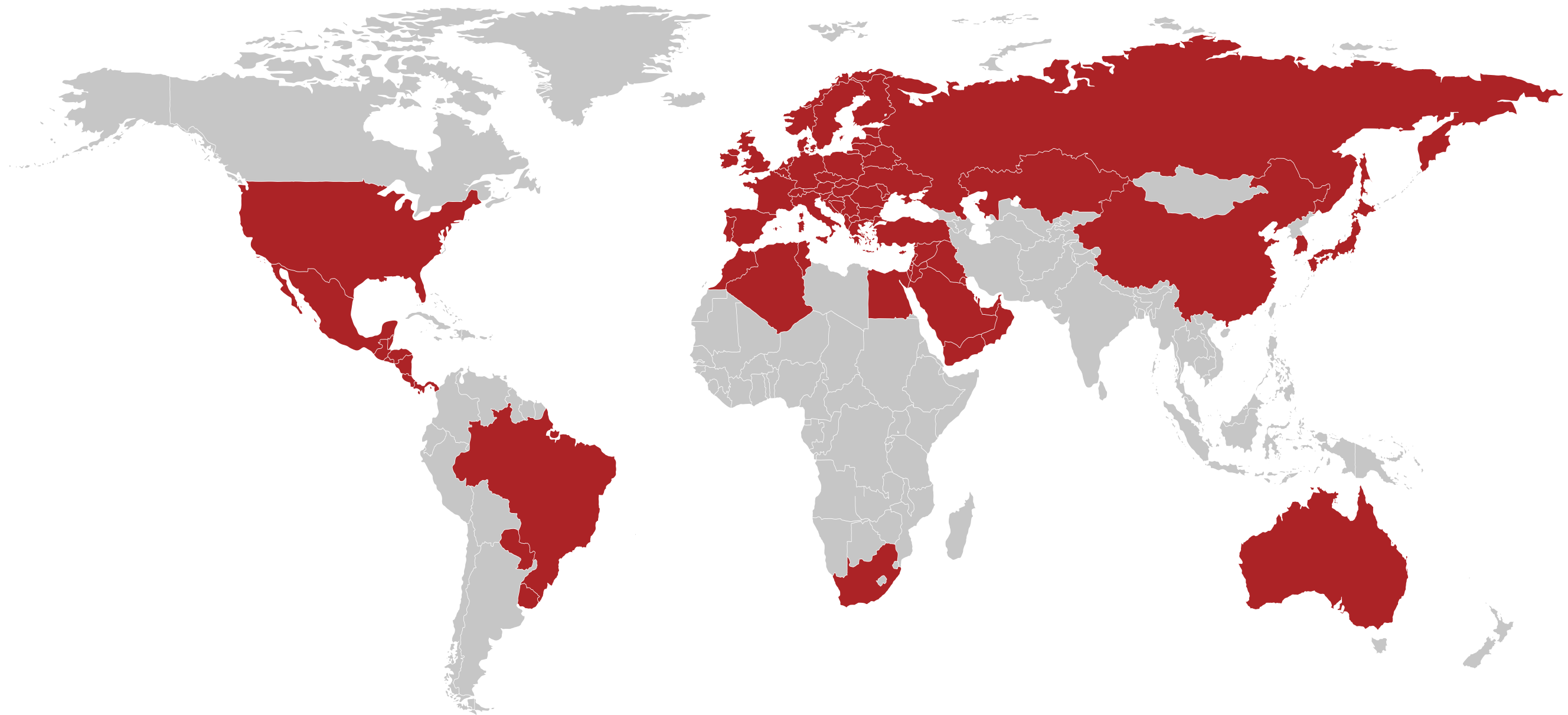
- to improve our tools
- to develop new and intelligent tools

We produce

- hand grips out of biologic plastic which is 100% recyclable



GLOBAL BUSINESS



OUR PRODUCT WORLD



MIBOTOOLS



MIBOBOXES

**CABLE
REPAIR KITS**

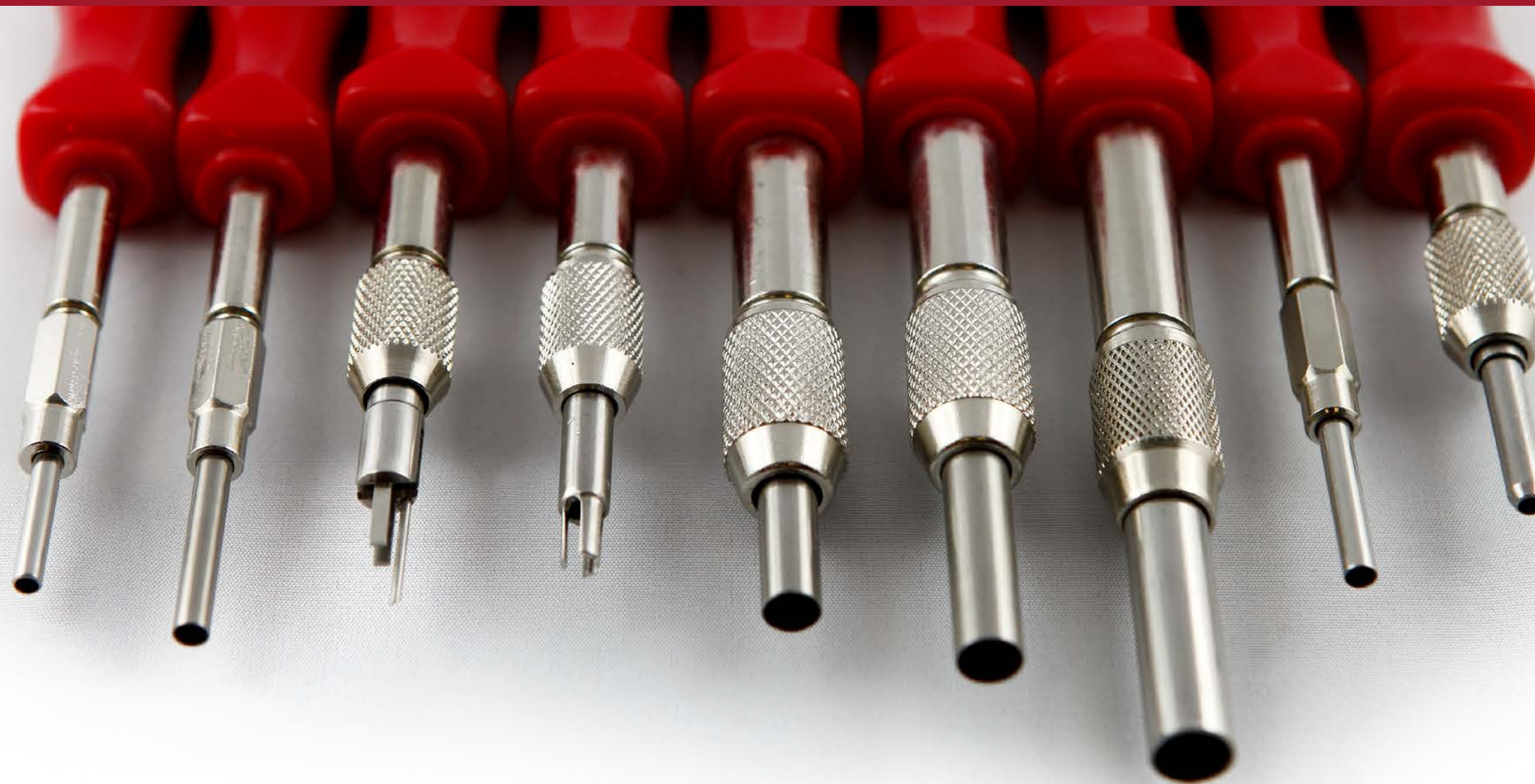


**CABLE AND
CONNECTOR
TOOLS**



**PROCESSING
PRODUCTS**





ROUND TERMINAL EXTRACTORS

MIBOstahl®

FLAT TERMINAL EXTRACTORS



SECONDARY EXTRACTION TOOLS



TOOLS FOR ELECTROMOBILITY



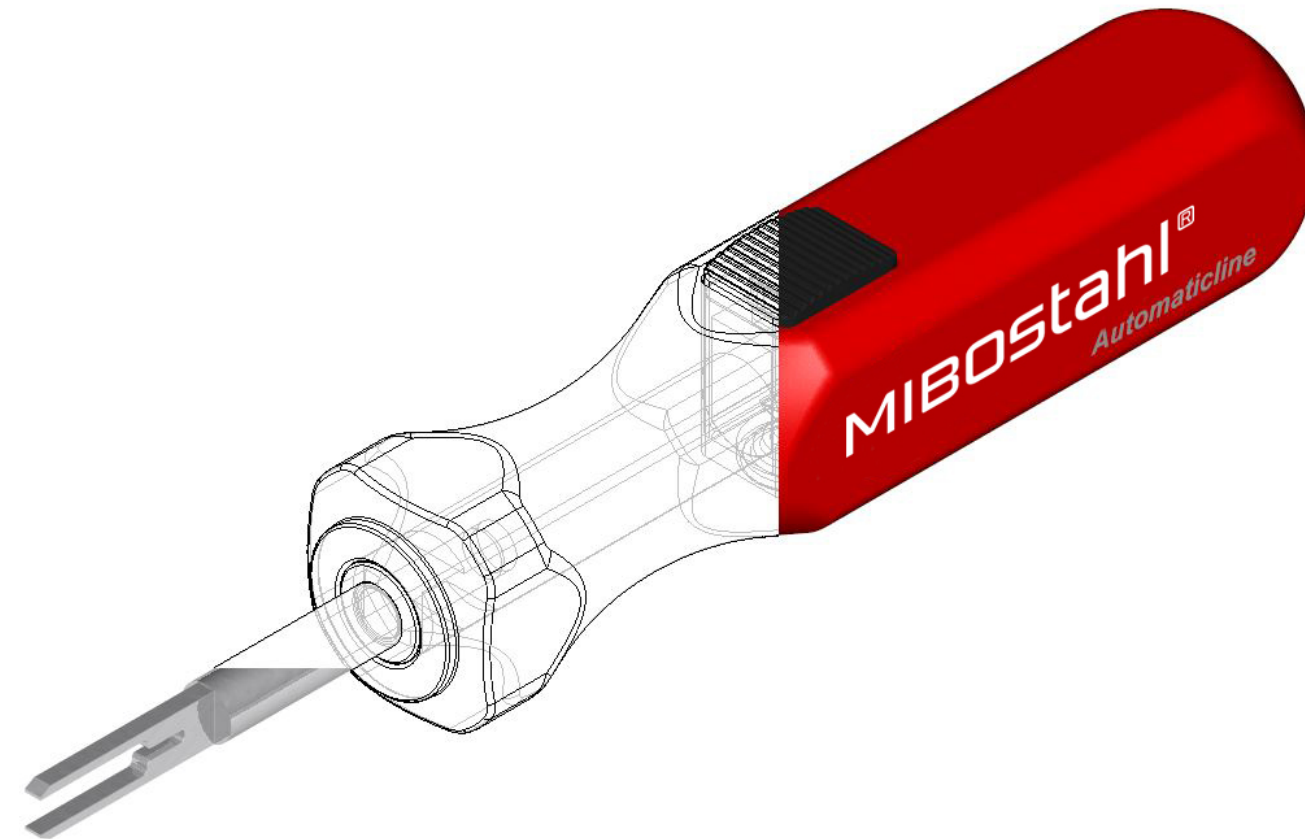
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INSERTION TOOLS



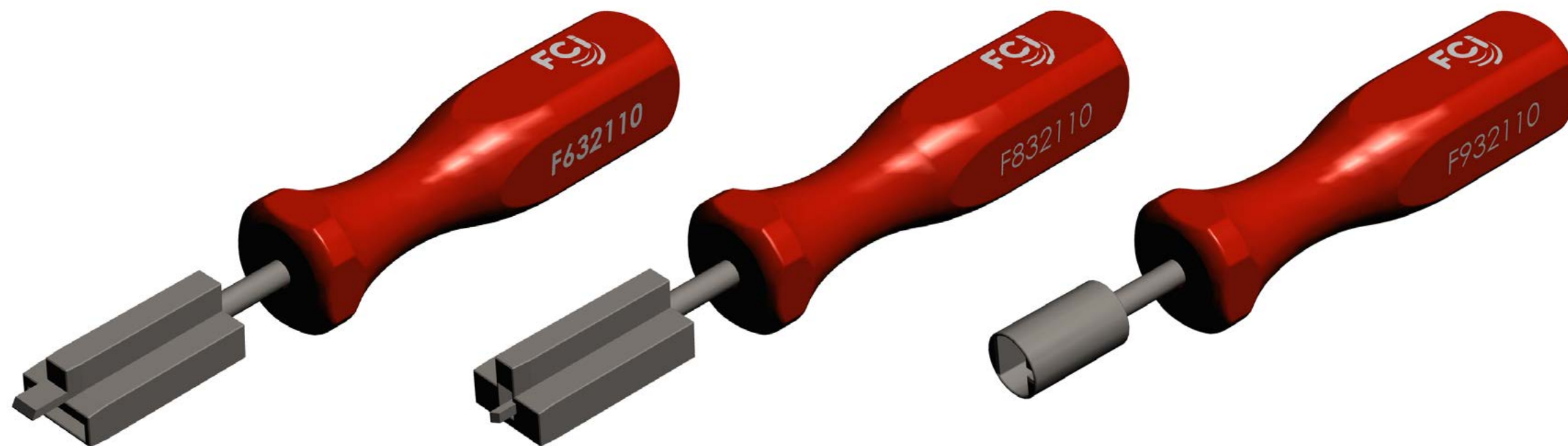
SPECIAL TOOLS





AUTOMATICLINE

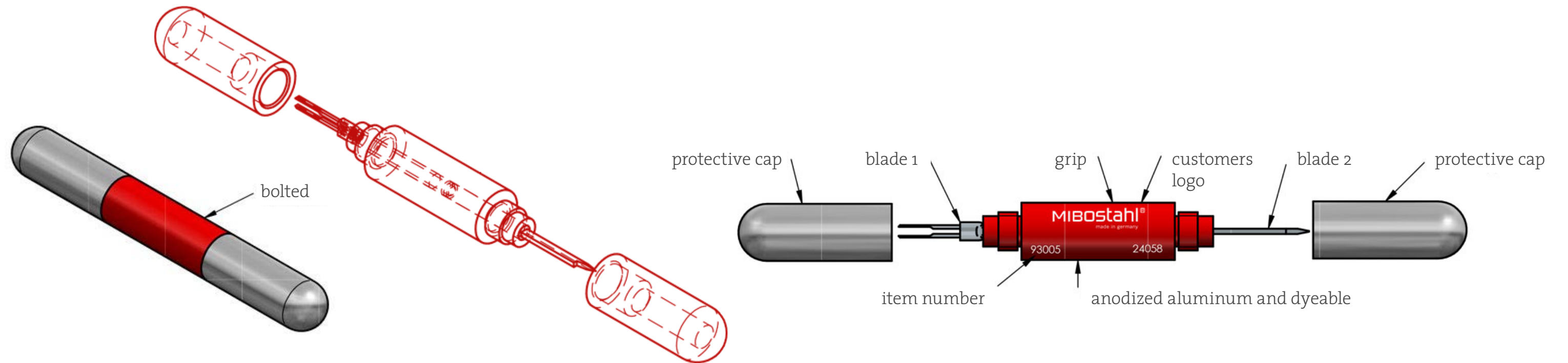
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APEX SERIES FOR APTIV

MIBOstahl®

MIBO-TWINTRACT



MIBO-CRIMPING TOOLS



**MIBO-CRIMP
01**

0,08-95 mm²



**MIBO-CRIMP
02**

0,5-6,0 mm²



**MIBO-CRIMP
03**

0,1-0,5 mm²



More crimping tools on request

MIBOstahl[®]

MIBO-STRIPPING TOOLS



**MIBO-STRIP
01**

**MIBO-STRIP
02**



More insulation stripper on request

Fully automatic
0,03-10 mm²

Automatic insulation stripper
Version 1: 0,03-10 mm²
Version 2: 2,5-16 mm²

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SERVICE AREAS



Cable repair kits

Allocation service

On-Site Training for your Employee

System Supplier

Engineering

Label service

3D-Print / Prototyping

OUR GROWTH BUSINESS

DEVELOPMENT OF NEW
TOOLS FOR
ELECTRIC-/HYBRID VEHICLES

01

02

TRADE OF COMPLEMENTARY
PRODUCTS

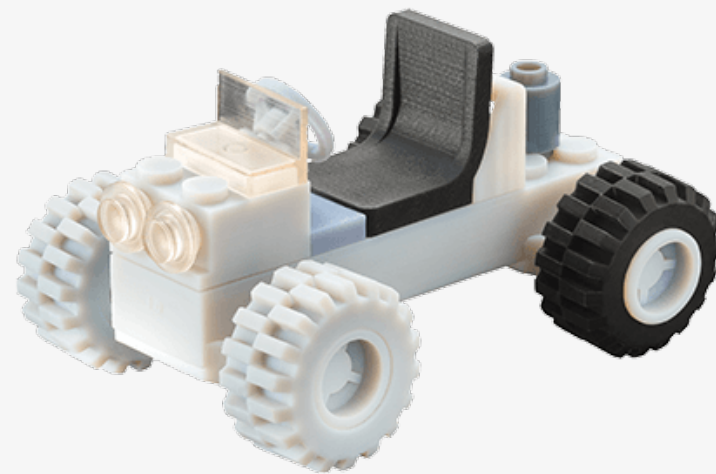
CABLE REPAIR KITS

03

04

FURTHER INVESTMENT IN
RESEARCH AND DEVELOPMENT

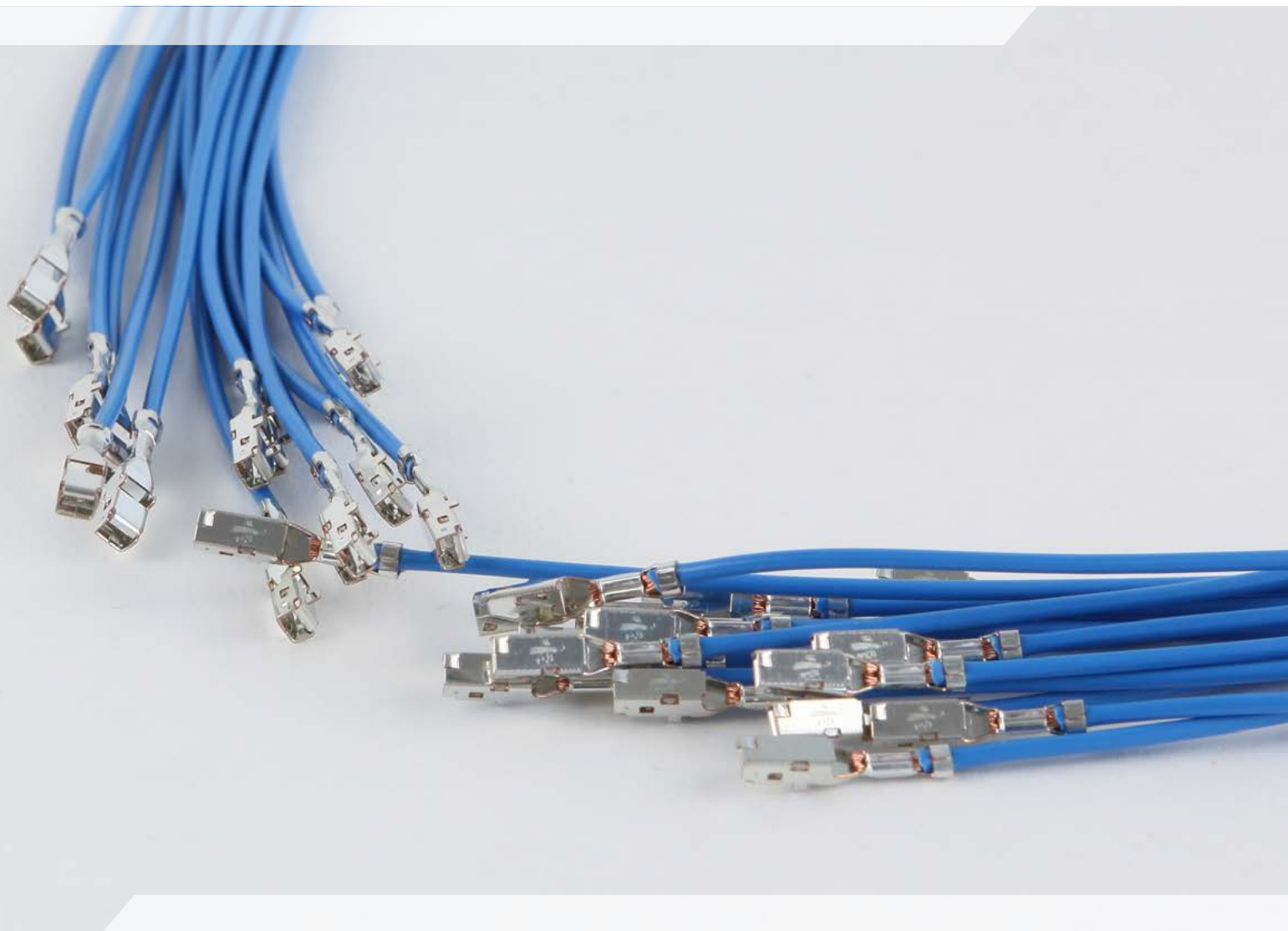
3D **PROTOTYPING**



**Take advantage of our new
prototyping service!**

- Enjoy the broadest range of materials
- 12 modelling materials
- Shorter product development time
- Save time and money
- Creating usable prototypes
- Versatile finishing, milling, drilling, gluing, electroplating, etc.

REPAIR CABLES



- Automotive standard
DIN EN 60352-2:2006-11
- No additional costs for
manual crimping tools
- Time savings

Our pre-crimped repair cables ensure higher productivity in workshops and reduce costs for crimping tools. Above all, they reduce the error rate in the repair process, as manual crimping is no longer necessary.

ECO FRIENDLY PRODUCTS



We are green

- We produce hand grips out of Biodegradable plastics
- 100% recyclable
- Even our packaging is environmentally friendly

WE ARE DIN EN ISO 9001:2015 CERTIFIED

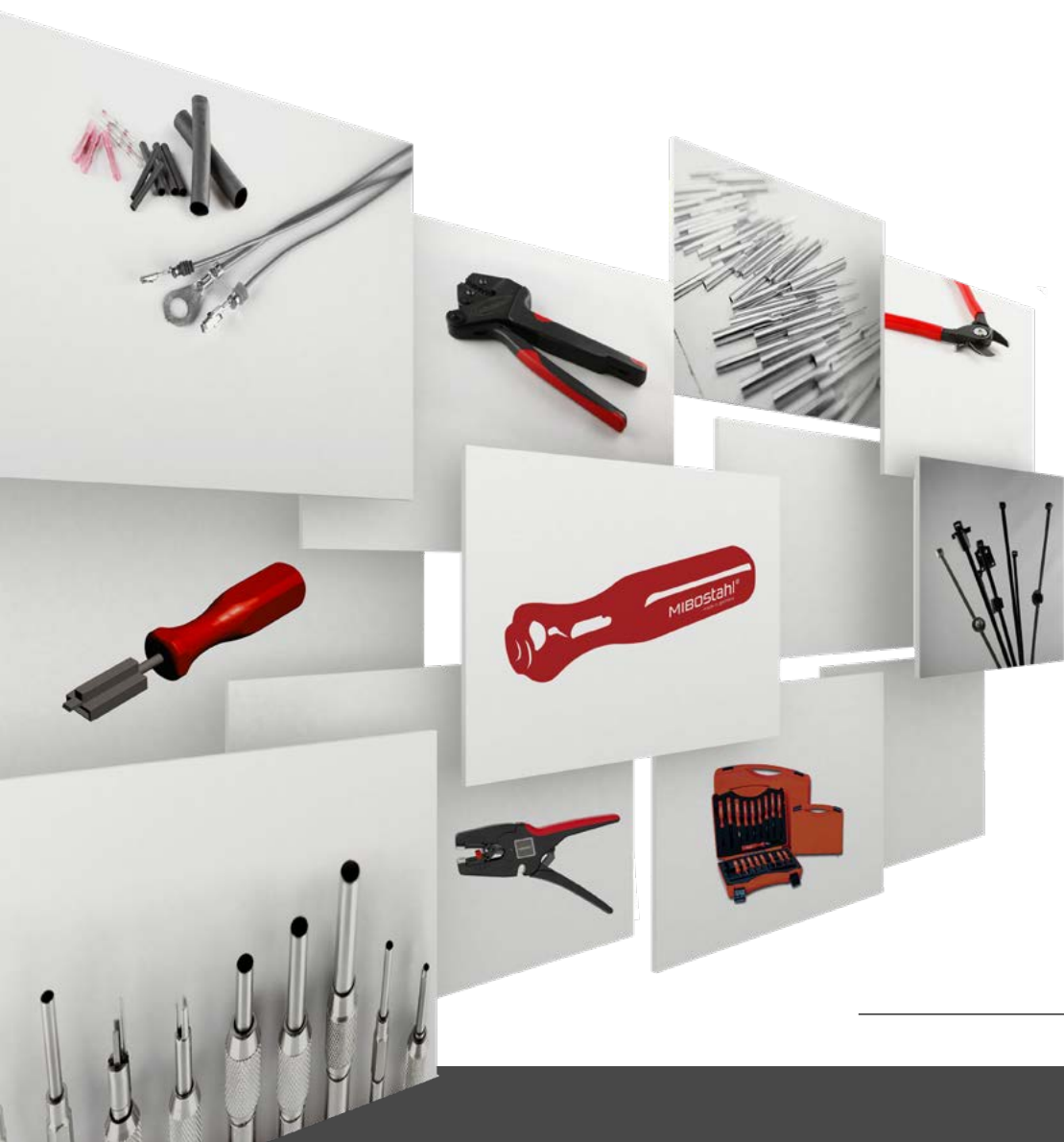
Quality is our top priority

In the areas: Development, manufacture and sales of extraction tools for electric contacts, standard and custom models as well as the manufacture and sale of cable repair kits.



MIBOstahl®

WE LOOK FORWARD TO A SUCCESSFUL COOPERATION!



MIBOstahl[®]
tools, trading and service GmbH

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