

THERMACUT®

COMPANY PRESENTATION



THERMACUT® - A COMPANY OF THE IBG GROUP

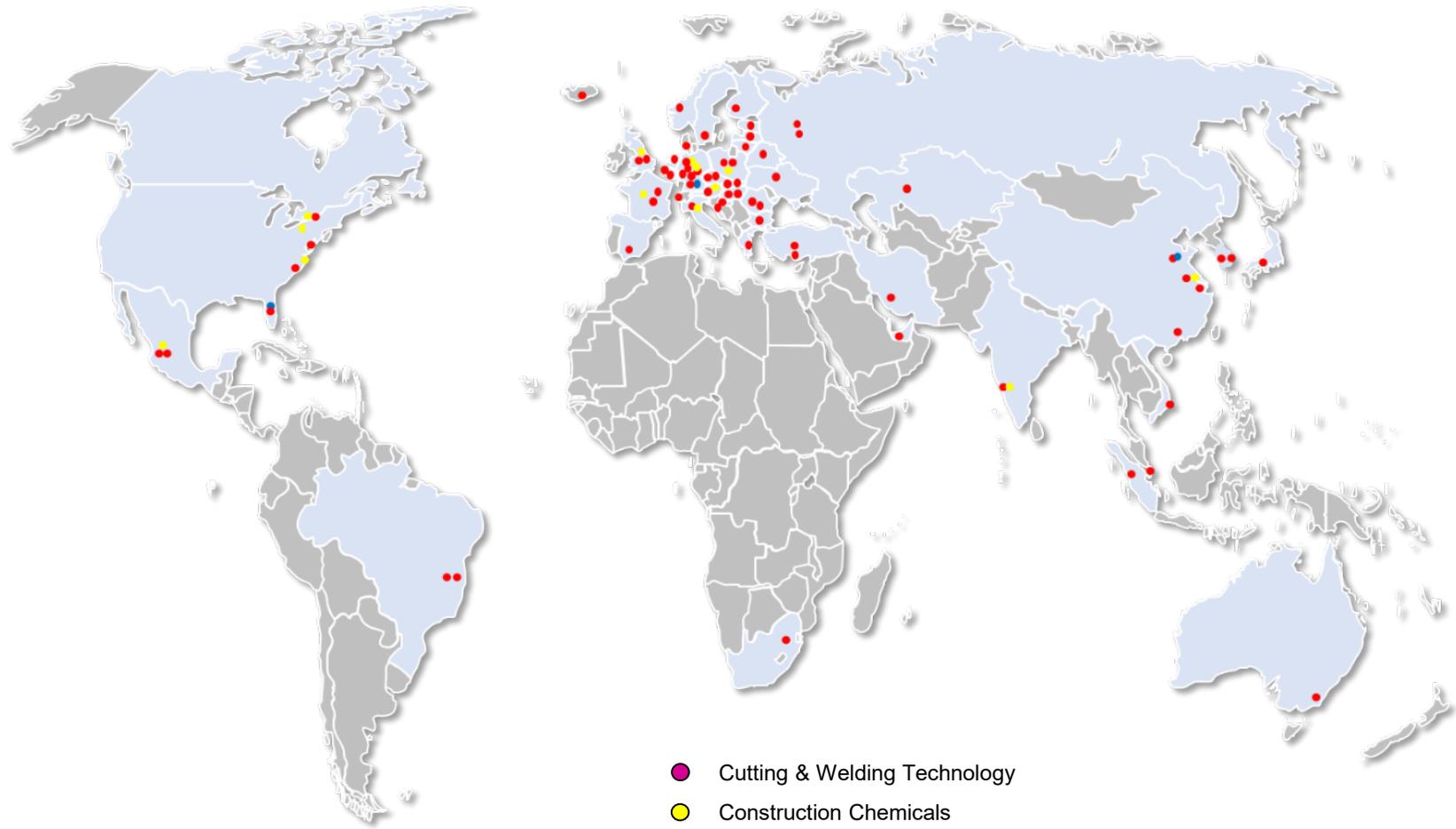
COMPANY / BRANDS



THERMACUT® - THE CUTTING COMPANY®

THERMACUT® - A COMPANY OF THE IBG GROUP

GLOBAL PLAYER



- Cutting & Welding Technology
- Construction Chemicals
- Tungsten Components



75 Sales and production companies
In 38 Countries
2.500 Employees worldwide

THERMACUT® - THINK FRESH. CUT ORANGE.

COMPANY SLOGAN

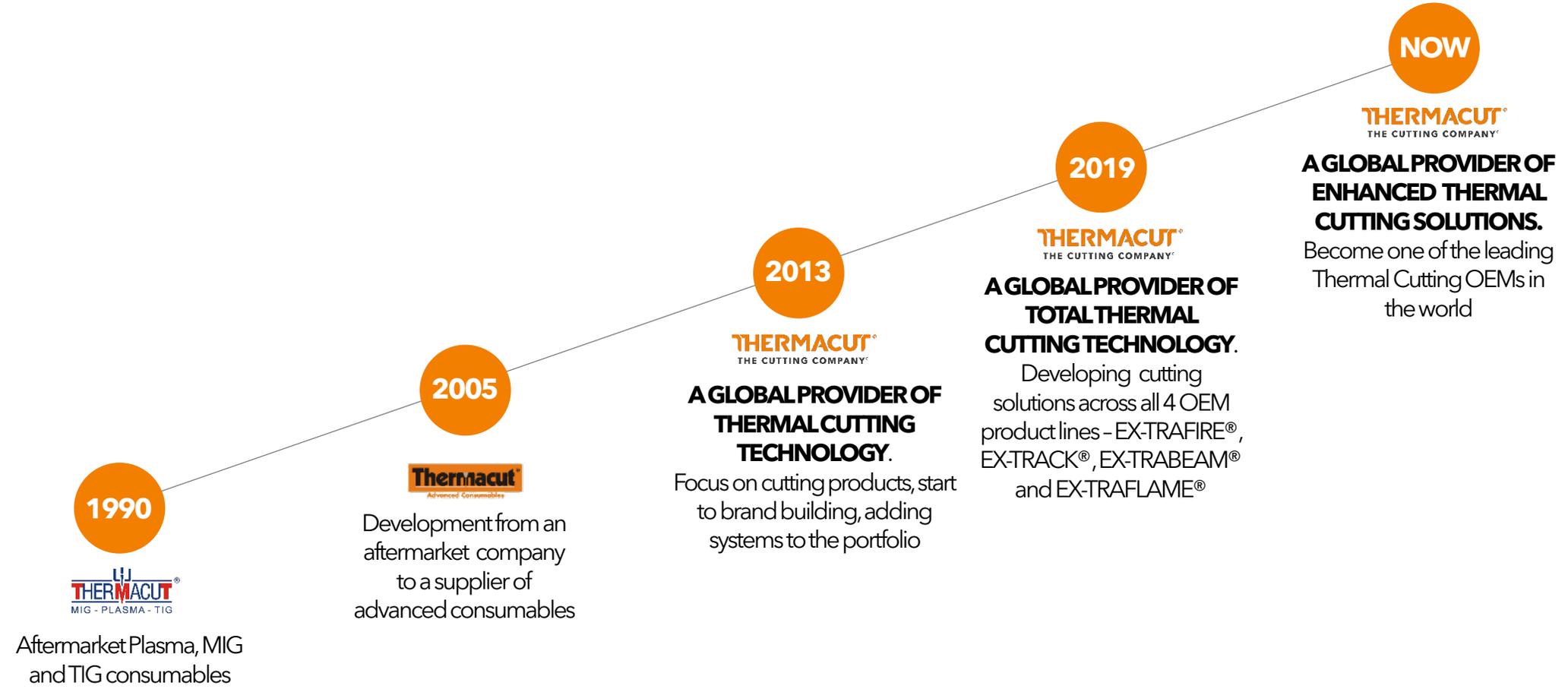
THINK FRESH. CUT ORANGE.

THERMACUT® comes up with fresh ideas for cutting technology. Benefit from innovative, reliable, powerful and highly efficient cutting solutions.



THERMACUT® - BRAND DEVELOPMENT AND GOALS

GLOBAL PROVIDER OF ENHANCED THERMAL CUTTING TECHNOLOGY



THERMACUT® - COMPANY PROFILE

TOP MANAGEMENT TEAM



Dušan Loukota

Sales & Marketing

(leftside)

Andreas Böckling

Business Development / CEO

(middle)

Stanislav Sládek

Production / Logistics / IT

(rightside)

THERMACUT® - COMPANY PROFILE

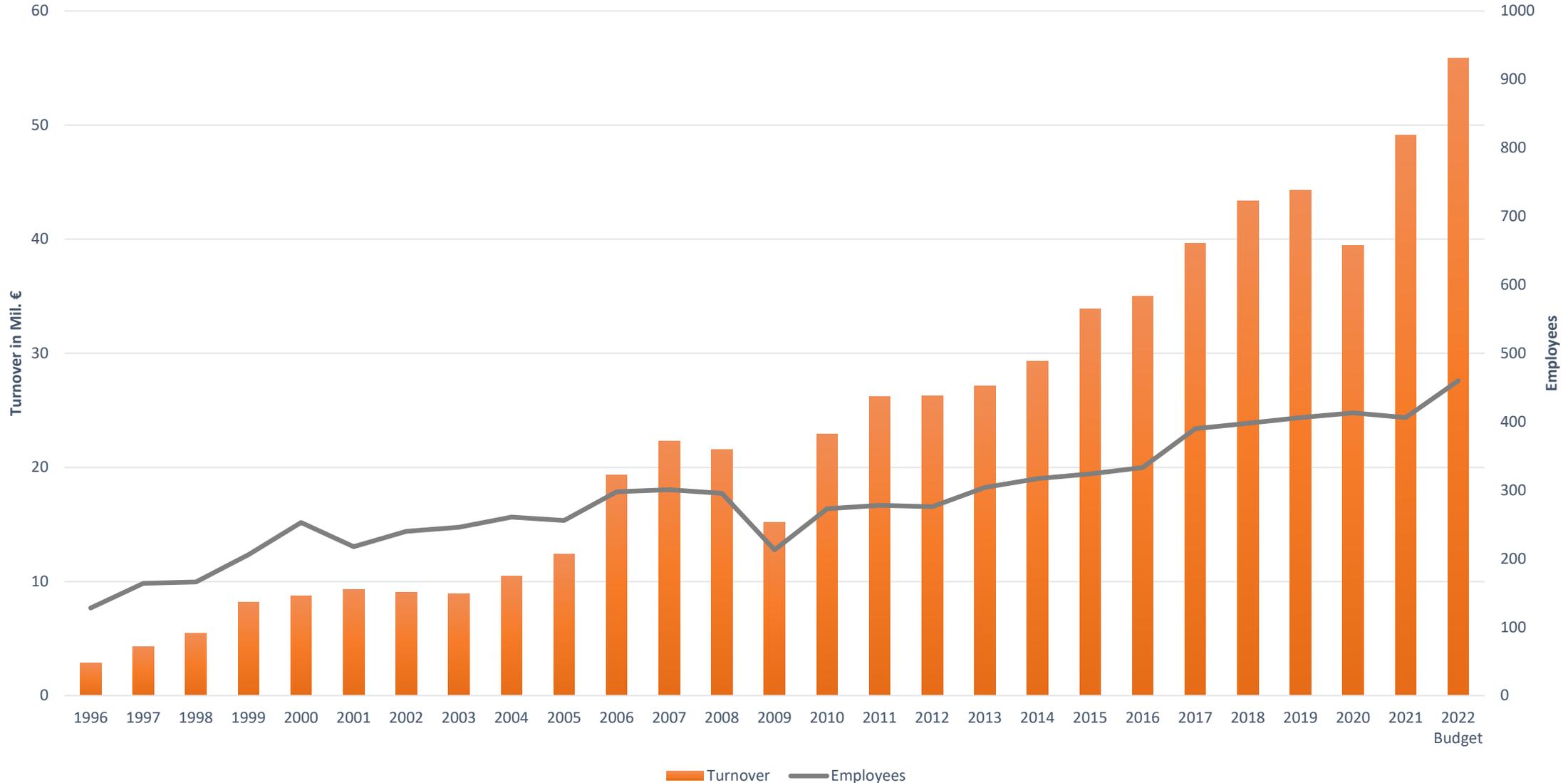
FACTS AND DATA

- Founded **1990** in Claremont, USA
- Around **400** employees worldwide
- **2** production sites
- Over **27** sales organizations
- Close partnership with ABICOR BINZEL
- „A global provider of thermal cutting technology“



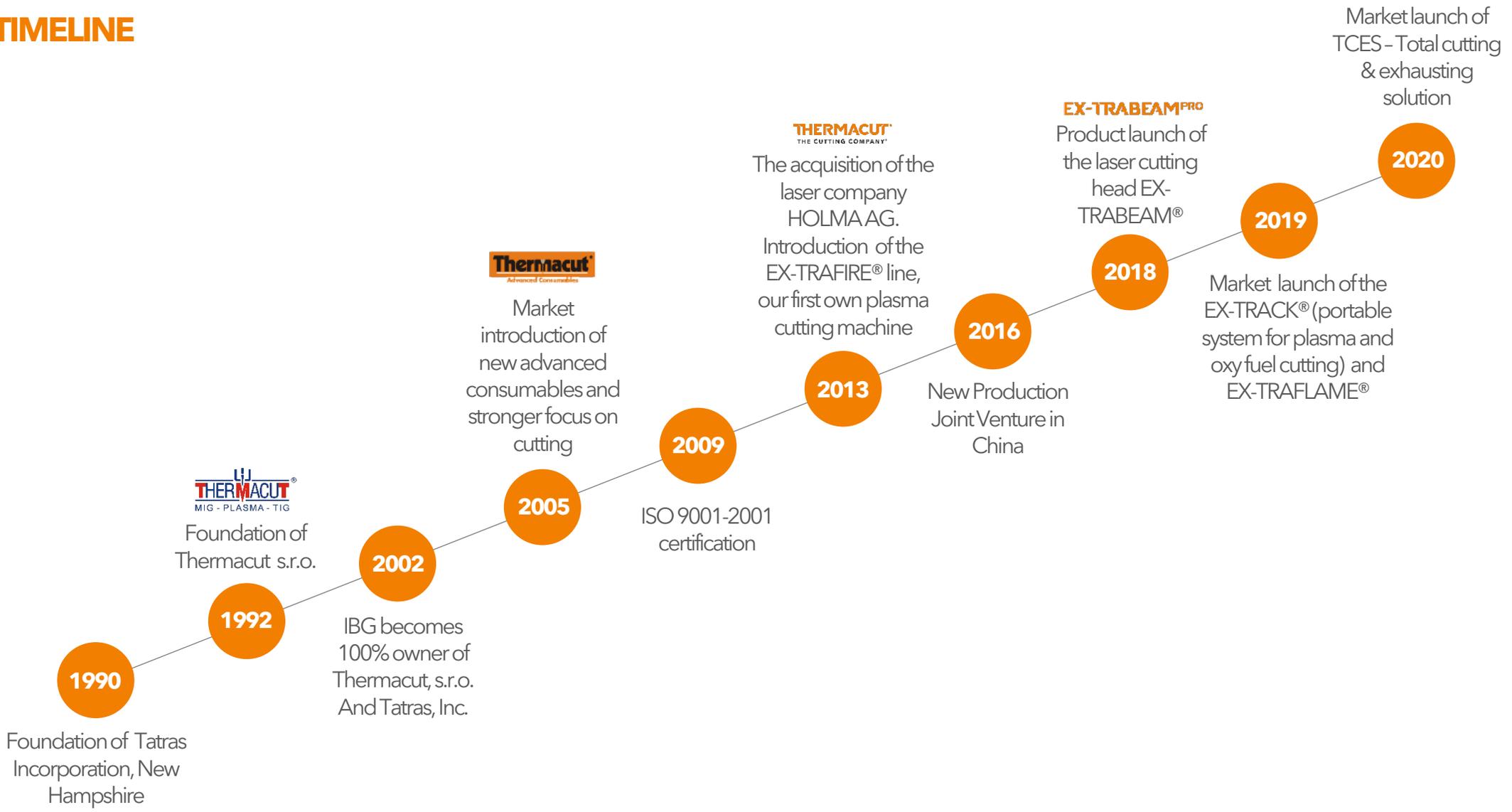
THERMACUT® GROUP

SALES DEVELOPMENT AND NUMBER OF EMPLOYEES WORLDWIDE



THERMACUT® GROUP EVOLUTION

TIMELINE



THERMACUT® - RESEARCH AND DEVELOPMENT

DEVELOPMENT OF ADVANCED REPLACEMENT PARTS

- International R&D team (CZ, USA, DE and CN)
- More than 25 years experience in developing and producing plasma, laser and oxy-fuel replacement parts for the most common systems
- 3D - CAD/CAM system
- In-house laboratory for product development and testing in CZ, DE and CN
- Training centre for internal and external needs in several locations



THERMACUT® - PRODUCTION TECHNOLOGY

TOTAL CONTROL THROUGH IN-HOUSE PRODUCTION

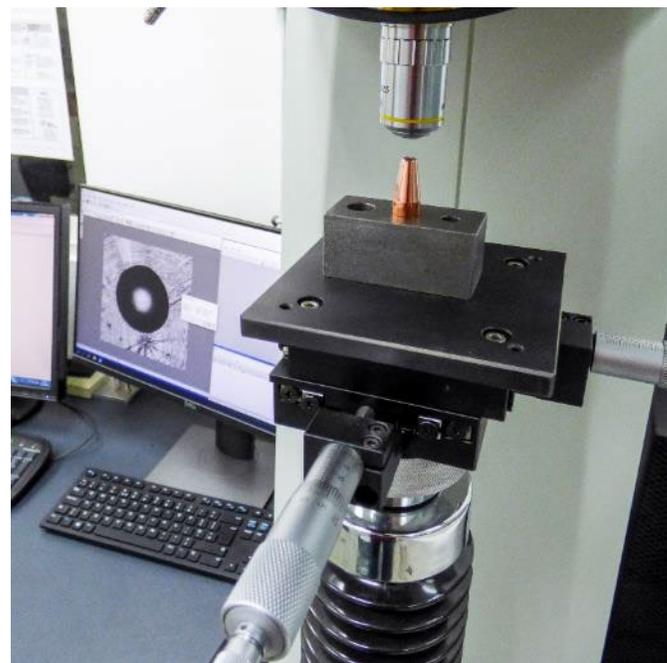
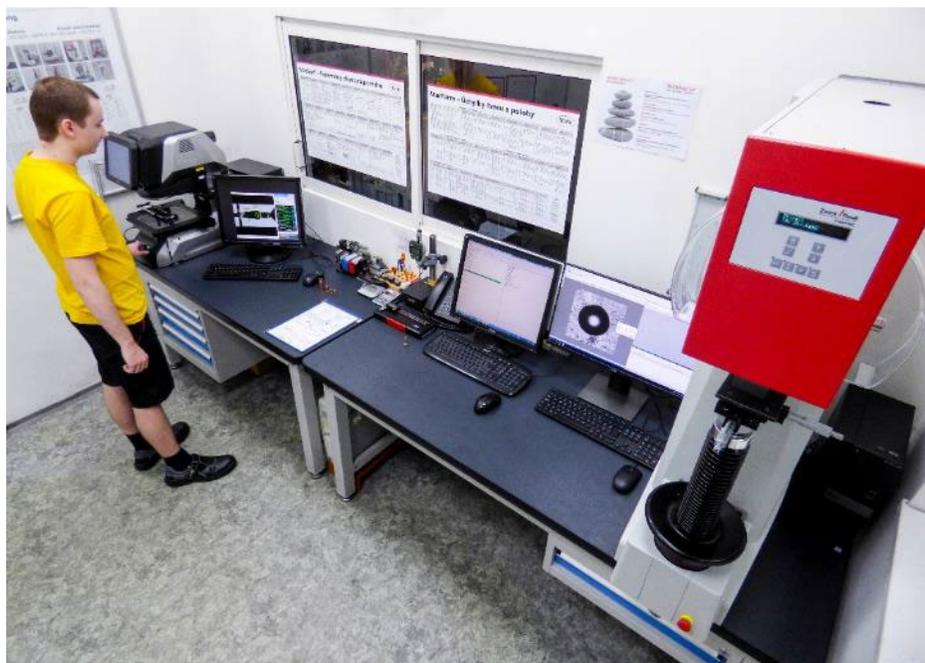
- Continuous upgrading of production plant & equipment
- 50+ CNC production machines plus two robotic production cells
- High production flexibility
- 25+ million parts produced per year
- Large assembly workshops for torches and cables



THERMACUT® - QUALITY CONTROL SYSTEMS

PRODUCT EXCELLENCE

- ISO 9001 and ISO 14001 certified
- Continuous investment in the latest inspection & test equipment
- Continuously trained and qualified inspection personnel
- Customer friendly warranty & complain policy

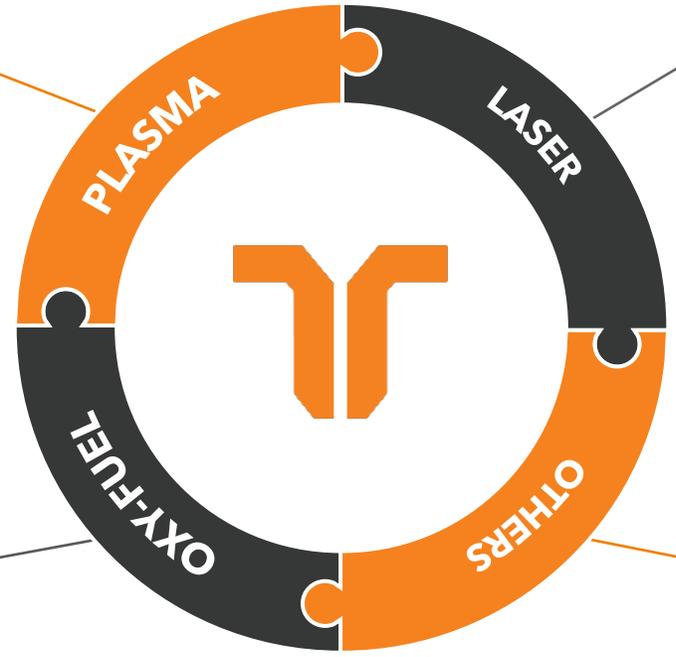


THERMACUT® PRODUCT RANGE

PRODUCT PORTFOLIO

- ❖ **EX-TRAFIRE®SD** Air Plasma Cutting Machines
- ❖ Aftermarket
- ❖ Private label / OEM business

- ❖ **EX-TRABEAM®** Laser Cutting Heads
- ❖ Aftermarket
- ❖ Private label / OEM business



- ❖ **EX-TRAFLEAME®** Oxy Fuel Torches
- ❖ Aftermarket
- ❖ Gas regulators
- ❖ Flashback arrestors & Other Accessories

- ❖ **EX-TRACK®** Portable Cutting Systems
- ❖ Total Cutting & Exhausting Solutions
- ❖ Cutting chemicals
- ❖ Accessories
- ❖ MIG / TIG aftermarket
- ❖ Other Private Label

THERMACUT® PLASMA



THERMACUT® PLASMA AFTERMARKET

STANDARD PLASMA CUTTING CONSUMABLES

- Replacement parts for more than 160 plasma cutting torch lines for the most common OEMs: CEBORA®, ESAB®, Hypertherm®, KJELLBERG®, SAF®, Thermal Dynamics®, TRAFIMET®, VICTOR® and others

ADVANCED PLASMA CUTTING CONSUMABLES

- Replacement parts for plasma cutting torch line that are characterized by:
 - extended lifetime
 - enhanced cutting quality
 - faster cutting speed
 - gas cost reduction

REPLACEMENT TORCHES AND LEADS FOR PLASMA CUTTING SYSTEMS

- High quality and optimized design
- Customized cable length
- Rapid response to customer needs
- Customized retrofit solutions for plasma cutting systems



EX-TRAFIRE® PLASMA CUTTING SYSTEMS

THERMACUT® SOLUTION FOR EVERY TYPE OF BUSINESS

- Air plasma cutting systems equipped with Thermacut® FHT-EX® plasma cutting torch
- Wide variety of performance levels from hobbyist to professional user:
 - EX-TRAFIRE® 30H, portable and powerful 30A system for cutting 10mm+ sheets
 - EX-TRAFIRE® 45SD, professional and versatile 45A machine for cutting 25mm+ sheets
 - EX-TRAFIRE® 55SD, best in class 55A system
 - EX-TRAFIRE® 75SD, a 75A machine engineered for endurance (100% duty cycle)
 - EX-TRAFIRE® 100SD, a 100A plasma cutter built for power (cutting 50mm+ sheets)
- Main benefits:
 - Easy to operate
 - Unbeatable price to performance ratio
 - Wide variety of consumable lines
 - FHT-EX® torch system with TCS connector



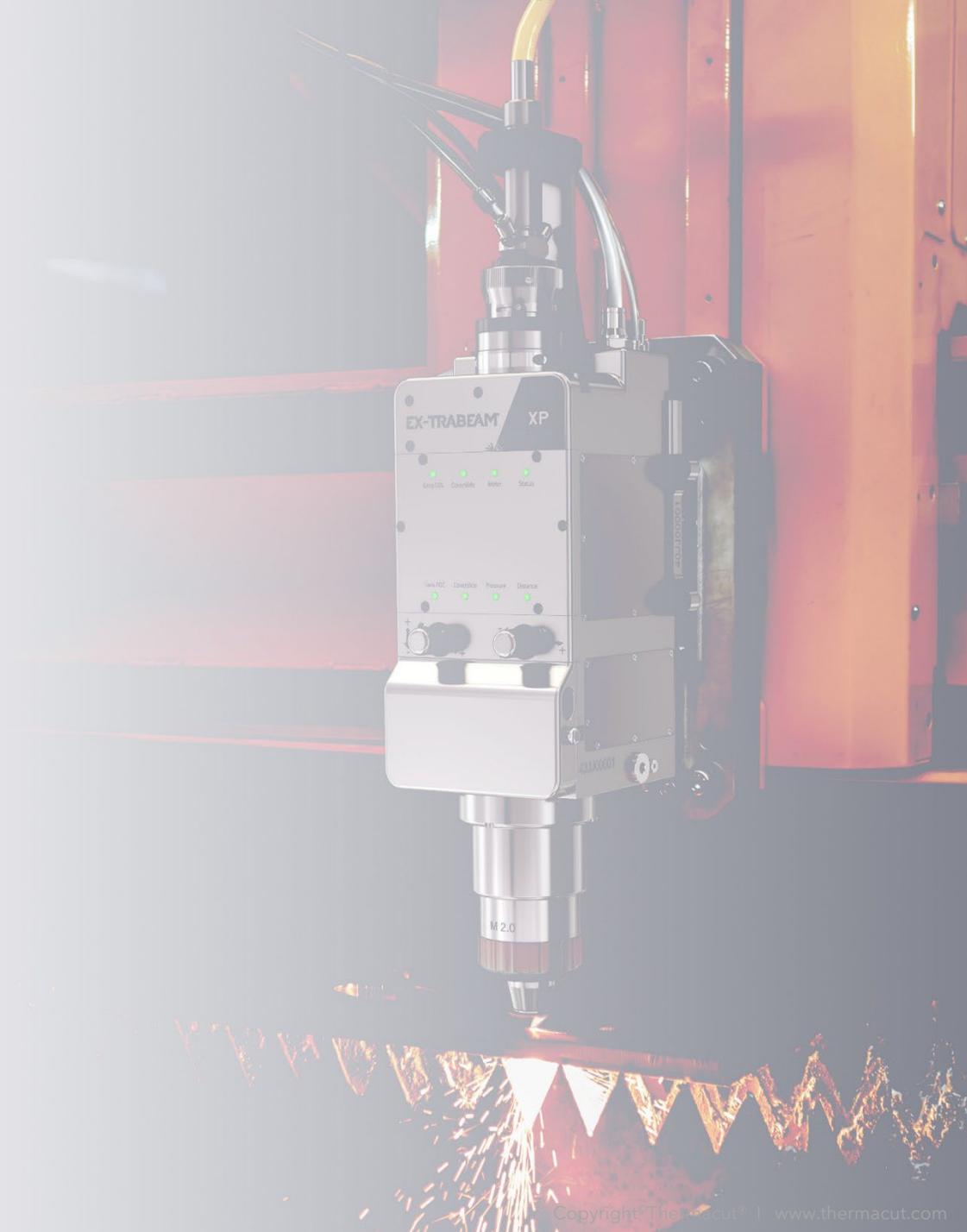
EX-TRAFIRE® PLASMA CUTTING SYSTEMS

EX-TRAFIRE® HD - STRONG AND DURABLE SOLUTIONS FOR GENUINE HEAVY-DUTY TASKS

- Powerful plasma cutters with a 100% duty cycle especially for meeting tough demands in continuous industrial operation. Air plasma cutting systems are equipped with Thermacut® FHT-EX® plasma cutting torch.
- EX-TRAFIRE® 45HD, a 45A system for cutting 25mm+ sheets, ideal starter solution for industrial applications, trade jobs, construction sites and smaller manufacturing companies.
- EX-TRAFIRE® 105HD, a 105A system for cutting 55mm+ sheets, extremely powerful plasma cutter developed specifically for genuine heavy-duty use
- Main benefits:
 - Impressive performance
 - Ready for Industry 4.0
 - Automatic settings
 - Optimal cost effectiveness



THERMACUT® LASER



THERMACUT® LASER AFTERMARKET

STANDARD AND UNIQUE DESIGNED LASER CUTTING PARTS AND ACCESSORIES

- Replacement of standard laser consumables re-engineered from the original designs of all major OEM's
- Advanced replacement parts meeting higher lifetime or significantly improved cutting performance
- Accessories, filters, bellows and more meeting the OEM standards but offering customer significant price difference



EX-TRABEAM® - FIBER LASER CUTTING HEADS

THERMACUT® LASER CUTTING HEADS. SMART CUTTING. BEST RESULTS.

THERMACUT® continues to advance our laser cutting heads for global use that exceeds your expectations and those using our advanced cutting heads. Our line-up includes the following:

- **EX-TRABEAM® ECO - THE COST-EFFECTIVE STARTER MODEL.**
EX-TRABEAM® ECO laser cutting heads are particularly cost-effective entry-level solutions. They are ideal for all plant manufacturers that want to reap the benefits of the innovative cutting head concept without requiring particularly high cutting power.
- **EX-TRABEAM® HP - THE SMART HOTSHOT.**
EX-TRABEAM® HP cutting heads not only offer the same advantages as the EX-TRABEAM® ECO cutting heads but also monitor all optical components and cutting process signals, thus achieving maximum cutting precision and reliability as a fail-safe solution.
- **EX-TRABEAM® XP - THE ROBUST POWERHOUSE.**
As the next step up from the EX-TRABEAM® HP cutting heads in terms of technology, the EX-TRABEAM® XP cutting heads offer a significant increase in power up to 20 kW. The cooling system and all relevant components are tailored to manage this extra power.
- **EX-TRABEAM® ZOOM - THE FLEXIBLE ALL-ROUNDER.**
With EX-TRABEAM® ZOOM laser cutting heads, both the focus position and focus diameter can be freely adjusted. Combined with a laser power of up to 20 kW, this makes them the ideal cutting heads for changing demands and high flexibility without having to forget any extra power.



Designed and Engineered in cooperation with PhotonicTools Germany

A close-up photograph of an oxy-fuel cutting torch in operation. The torch is positioned vertically, cutting through a thick metal plate. A bright, intense flame is visible at the cutting point, and a large volume of bright, glowing sparks is being ejected from the bottom of the cut. The background is slightly blurred, showing industrial machinery.

THERMACUT[®] OXY FUEL

THERMACUT® OXY-FUEL AFTERMARKET

STANDARD AND UNIQUE DESIGNED OXY-FUEL CUTTING PARTS

- Replacement parts suitable for ESAB®, HARRIS®, GCE®, TANAKA®, KOIKE® and MESSER® models
- Advanced replacement parts characterized by
 - extended lifetime
 - significantly improved cutting performance
 - faster cutting speed and/or
 - own design patents
- Manual torches available for all models



EX-TR AFLAME® - OXY-FUEL CUTTING TORCH

THERMACUT® OXY-FUEL TORCHES WITH FOLLOWING BENEFITS

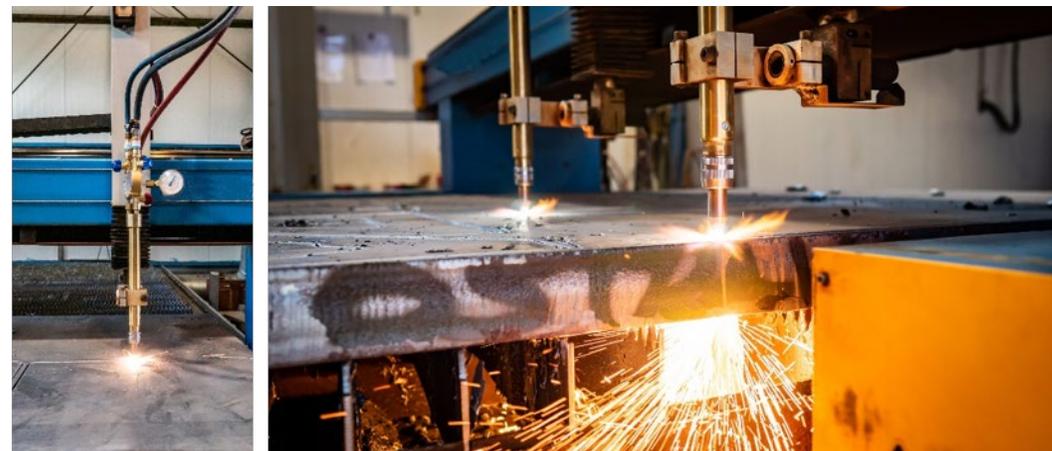
- Special o-rings to avoid the mixing of gases
- Quick-change system with stainless steel nut
- Changeable injector
- Separate parts (torch + valves)
- Wide range of accessories meeting all norms and technical standards (regulators, flashback arrestors, shut-off valves etc.)

EX-TR AFLAME®

- Using standard HARRIS® replacement parts suitable for acetylene, propane and natural gas
- Removable input fittings

EX-TR AFLAME® PRO

- Using VADURA® and GRICUT® replacement parts with our unique design for acetylene, propane and natural gas
- Higher cutting speed and lower preheating time



THERMACUT® OTHERS TRACK



THERMACUT® - THE CUTTING COMPANY®

EX-TRACK® CNC

THERMACUT® PORTABLE CUTTING SYSTEM

- Portable cutting systems designed for use in the workshop or on site
- Usable in combination with an oxy-fuel cutting torch or a plasma cutting torch
- Cutting complex shapes with high accuracy or Accurate, complex Cutting shapes
- Easy carrying of the system. Perfect for offsite jobs. Bring the workshop to the remote place.
- User friendly system with a 7-inch high-resolution LCD
- Manual programming of shapes or select from a library of common shapes or includes offline drawing, editing and nesting software. It allows drawing, nesting and cutting operations to be performed quickly off-line. 50+ standard shapes built in the CNC USB port for loading of cutting programs based on your DXF or DWG drawings.
- Multi language support - easy to change
- Torch height control for plasma cutting with crash detection



EX-TRACK® CNC

EX-TRACK® PRODUCTS BY THERMACUT®

- All in one workshop solution
- Including all equipment needed for plasma or oxy fuel cutting:
 - Thermacut EX-TRAFIRE® plasma cutting system
 - Thermacut EX-TRACK® CNC portable cutting system
 - Dowlraft Table 1.525 mm x 3.050 mm
 - Extraction System 3.000 m³ / hours
 - Straight Cutters and Pipe Cutters coming soon
- Main benefits:
 - High efficiency of the filter thanks to 2 cartridges - 40m² in total and openable segments in downdraft table
 - Very silent cleaning of the cartridges (<75 dB)
 - Possible to cut up to 100 mm of mild steel sheets
 - Easy installation
 - Low investment for the complete solution



THERMACUT® ACCESSORIES

WIDE RANGE OF ACCESSORIES

- O-ring lubricant grease
- Heat shield grease
- Coolant flow-meter
- Premium consumable cases
- Thermacut® cooling liquid
- Filter-EX compressed air filter



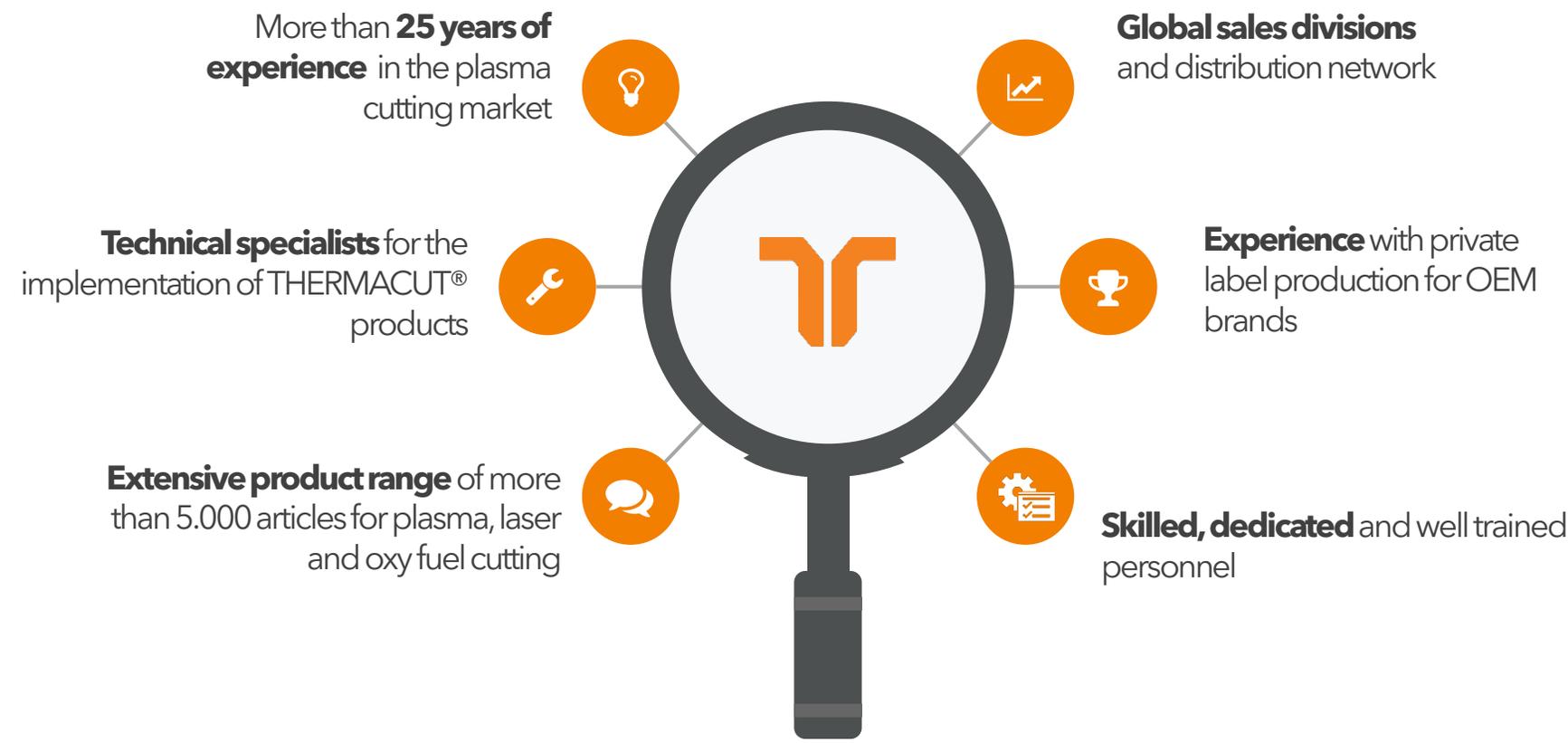


THERMACUT® PRIVATE LABEL

Thermacut is developing and producing a wide range of private label products to international OEMs in the Cutting & Welding business.

THERMACUT® ADVANTAGES

MADE TO MEASURE.



THERMACUT® VALUES AND VISION

- To be a **leading global supplier** of the highest quality thermal cutting products
- To be a **reliable supplier** to our customers
- To be a **valuable partner** to our customers
- To be **ethically responsible** to our employees
- To keep a **strong company culture**
- To think about **sustainability**



THANK YOU FOR YOUR ATTENTION.

