

SMART CUTTING

25th Anniversary_{/06}

Product Launch: EX-TRACK® _{/08}

EX-TRAFIRE®: Cut Steel 50 mm Thick _{/10}

FHT-EX® Plasma Cutting Torches _{/14}

TCS Torch Connection System _{/22}

EX-TRABEAM PRO New Laser Cutting Head _{/29}



EDITORIAL

Dear reader,

Our slogan, "THE CUTTING COMPANY®", is not only the focus of the new issue of THERMACUT's magazine, Smart Cutting, but can also be seen at this year's "SCHWEISSEN & SCHNEIDEN 2017" trade fair in Düsseldorf.

We will present the latest generation of EX-TRAFIRE® plasma cutting power supplies ahead of the trade fair. Enhanced durability, standardized CNC interfaces, LED displays, and the patented TCS Torch Connection System" are just a few of the innovations this release is bringing to market. Along with the unique torch system, FHT-EX®, THERMACUT is offering the market a viable alternative to the established suppliers. The expansion and renewal of our plasma power supply portfolio is a major step towards achieving our long-term goal of becoming a full-service provider of thermal cutting products.

Another highlight worth mentioning is our brand new fiber laser cutting head, EX-TRABEAM PRO, which will make its debut at the "SCHWEISSEN & SCHNEIDEN 2017" trade fair. Starting with the replication of laser wear parts, THERMACUT is steadily developing into a laser specialist that can meet the high standards of the cutting industry, while offering a high quality, service-friendly product for all laser system integrators: EX-TRABEAM PRO. You are cordially invited to visit us at our exhibition stall and see for yourself. In addition to our own new products, we will again

be represented in the OEM replacement business via numerous new products this year. No matter if plasma, laser, or oxy-fuel is your need, you will get alternative products that are more than comparable in terms of profitability and quality for all your needs and applications.

With the rapid development of its products, THERMACUT is increasingly investing in the search for new, highly skilled employees, as well as in the training and continued development of our existing team. We are convinced that only the most qualified and thoroughly developed employees are able to offer our customers the best possible service. Exactly for this purpose we created "THERMACUT® ACADEMY". This new education system will impart basic knowledge by offering an e-learning platform in conjunction with technical and theoretical training courses. The intention is to provide our customers maximum product utilization.

"THE CUTTING COMPANY®" is not just a slogan for us: It is an established practice. Join THERMACUT in the world of cutting to discover new and alternative applications, and take full advantage of new possibilities offered by the digital cutting world. Enjoy your reading, and please feel free to visit exhibition stall 9A04 in Düsseldorf - A highly motivated THERMACUT team awaits you!

Andreas Boeckling / Head of THERMACUT Group

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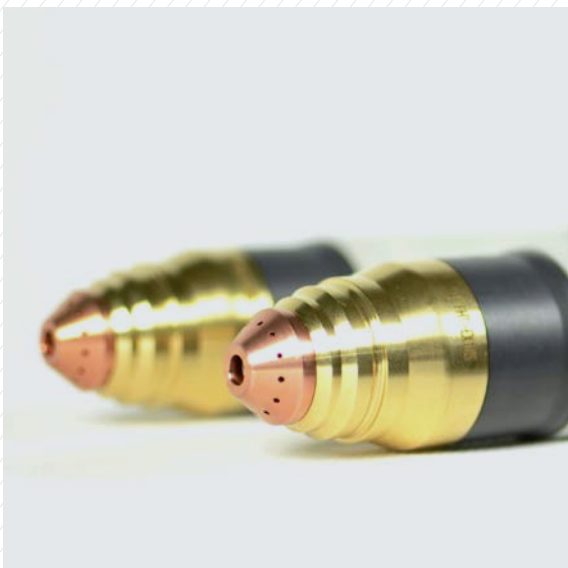
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25TH

ANNIVERSARY



DUSAN LOUKOTA / MANAGING DIRECTOR OF THE STATUTORY BODY

THERMACUT, k.s. will celebrate its 25th anniversary this year. Over the last three decades, the joint vision of its three founders has become an international company with a truly global scope.

THERMACUT, k.s. was founded on August 25th, 1992, by three men: Jiří Zapletal, Luděk Zapletal, and Pavel Hruška. In the beginning, the manufacturing process was outsourced to an external third party. However, the production was quickly moved to rented spaces in the co-operative farm area, Mír Kunovice in Vésky, and remained in use until 2001. In the first few years, the entire production of consumables and plasma torches were designated entirely for export to the US, where they were sold via Tatra Imports Inc. (founded in 1990 by Jiří Zapletal).

After the merger of PLASMASTAR in 1996 the second plant as well as a new sales office were set up in Kunín. The products produced within were initially distributed throughout the Czech Republic, but slowly they made their way into markets worldwide. Due to an increased

interest in consumables, and to secure operative relations with customers, several commercial centres were opened and operated in Prague and Bouzov. In 1997, the first subsidiary company was founded in Slovakia. Twenty years later, over twenty additional subsidiaries and sales partnerships are thriving in tandem with our sister group, Abicor Binzel.

In 1998, a manufacturing facility was purchased in Kunovice, and after its reconstruction, the shipping and plastic pressing plant moved in. That move opened up space in the rest of the rented facilities, and it became possible to gradually increase production capacity with the aim of satisfying a growing consumer base. The most significant milestone in THERMACUT's history was in 1999 with the sale of a majority share of the company to the German firm STK Gesellschaft für Schweisstechnik mbH, fully owned by IBG Group. The remaining share was acquired in 2002. Thanks to increasing market demands it became necessary to secure larger production facilities. These facilities were successfully purchased in 2000. The desire to consolidate the company into one location was made possible by a manufacturing area in Mařatice. After an extensive reconstruction, the entire company was moved there and remains in use to the present day. In 2003, a new assembly room was constructed for the purpose of assembling cables and torches intended for plasma cutting and welding. This became the foundation of the long term manufacturing cooperation and affiliation with Abicor Binzel.

This was followed by moving the production of contact tips from Switzerland in 2006, bringing about a vital increase in the number of employees, as well as an increase in revenue. The manufacturing cooperation with Abicor Binzel was expanded to the area of commerce in 2011, when THERMACUT began using the Abicor Binzel sales network to penetrate further into new markets. To improve the process of developing new products and product series, and also to offer technical training to customers, THERMACUT decided to build a testing laboratory. The development and implementation of the technical equipment was completed in 2005. Since then, hundreds of customers have passed through the facilities and have participated in numerous product trainings. Many of these trainings are also available to the company's employees.

Throughout its existence, THERMACUT has made an effort to not only develop direct replacements of original parts, but also continually making technical improvements, thanks in large part to the experienced international team of engineering and product specialists companywide. These changes will bring about a series of advantages to customers, particularly in regards to the lifetime and cut quality of consumables. The consumables comprising the FHT torch series are an example of those products. They were introduced in 2013. Since 2011, THERMACUT's Development Department has been cooperating with the Academy of Sciences with the stated goal of improving the quality of all manufactured parts - not only in regards to

production technologies, but materials as well.

The entire company underwent a series of upgrades with the aim of providing a high quality workplace for all employees, as well as to meet the requirements concerning the implementation of new manufacturing technologies. The administrative building was also reconstructed from 2007 to 2008.

In 2011, Hall 3b became the most recently constructed project located within the main premises. The primary goal of the new hall was to extend production areas for the development of new technologies, ensuring the company would be prepared for an anticipated increase in orders. To obtain ISO standard certification, a series of organizational and technical measures were taken in 2008. ISO 14001 is planned for 2018.

THERMACUT underwent two fundamental image changes in 2005 and 2013. Both makeovers were successfully debuted at the Schweissen & Schneiden world exhibits in Essen. The year 2013 was significant to our company - not only in regards to the image change, but also due to the commencement of sales of EX-TRAFIRE® plasma supplies and FHT torches for the first time. It was also the year when the new acquisition of HOLMA® AG was integrated into THERMACUT Group. The entire production process of the various lasers was moved, and subsequently began to be actively sold all over the world by the THERMACUT Group.

THERMACUT, k.s. has evolved fundamentally during its first 25 years of existence: from an aftermarket manufacturer of spare parts for plasma cutting, to becoming a reputable supplier of parts for original producers, to blossoming into a producer of its own signature brand of original FHT torches. The company has successfully fulfilled its long-term goal of becoming a "global provider of thermal cutting technology". Step by step, THERMACUT has expanded its product lines to include laser and flame cutting technologies.

At the present time, the parts produced locally in the Czech Republic are being sold in nearly 60 countries worldwide, primarily through a network of 11 THERMACUT subsidiaries, 13 sales cooperatives in tandem with Abicor Binzel, and last, but certainly not least - through our loyal business partners.

Throughout THERMACUT's entire existence, the motto, „Our Customer: Our Master“ has always applied to each and every employee. That's what motivates us to move forward in all areas: from product development to the final sale, and everything in between. We are also fully aware of the fact that the most valuable part of our company are the people who have given us so many valuable years, and we hope will to be part of our team for many more to come. To each and every one of them we owe a heartfelt "thank you" - for helping to shape Thermacut into everything it is today.



PRODUCT LAUNCH

EX-TRACK®

CARL BANDHAUER / GLOBAL PRODUCT & BUSINESS DEVELOPMENT MANAGER PLASMA

Introducing the EX-TRACK® CNC:
a compact, track-mounted, oxy-fuel or plasma
CNC Profile Cutting System that's lightweight,
portable, and economical.

The EX-TRACK® CNC is the first motor-driven model in THERMACUT'S brand new "Value Series" of CNC Profile Cutting Systems, offering affordable profile cutting solutions. The size and weight of the EX-TRACK® CNC make it easy to transport and set up anywhere. This user-friendly, oxy-fuel or plasma automated CNC profile cutting system offers complete versatility, and represents an outstanding "value for cost" package.

The EX-TRACK® CNC is equipped with a built-in Color screen, eliminating the need to integrate an external controller into the system. Simple, menu-driven operations are easy to learn and use. The library of 24 common shapes minimizes programming and setup time. Dimensions are easily editable to create custom shapes without any actual programming.

The CNC system recognizes basic M- and G- Code programming; off-line programmed NC files can be easily transferred to the system using a standard USB connection. THERMACUT'S versatile Profile Cutting System is well-suited for both oxy-fuel and plasma cutting processes. A motorized lifter is fitted as a standard feature, and can carry an oxy-fuel or plasma torch. An Arc Voltage Height Control (AVC) automatically maintains a consistent cutting height for the plasma torch. The Tip-touch IHS feature locates the plate surface and sets the correct pierce

height during the automated plasma cutting process. It also detects torch crashes by sensing the plate during cutting, and activating the auto shut-off to protect the plasma system. A Cutting Oxygen solenoid valve provides automatic cutting when using an oxy-fuel torch.

The EX-TRACK® CNC delivers accurate, reliable performance. A precision-built, heavy duty guide rail ensures stable motion of the crossbeam, and full support for the cutting torch. Precision linear rails minimize vibration, ensuring accurate cutting throughout the entire job.

The EX-TRACK® CNC can be easily outfitted with an optional THERMACUT® EX-TRAFIRE® plasma package. Using the EX-TRAFIRE® Plasma range, the EX-TRACK® CNC can rapidly cut mild steel and aluminum up to 20 mm thick, and stainless steel up to 15 mm thick (piercing). The EX-TRACK® CNC is ideal for technical colleges, small fab shops, boat yards, maintenance and repair shops, or for portable use within larger facilities or construction sites. The EX-TRACK® will be available with cutting sizes up to 6.000 x 1.800mm, with position speeds of up to 5.000mm/min.

The planned launch is currently Q3 - 2017.

EX-TRAFIRE[®] :
CUT STEEL
50 MM THICK

**SECOND GENERATION
OF PLASMA
CUTTING SYSTEMS**



ANDREAS BOECKLING / HEAD OF THERMACUT GROUP, CARL BANDHAUER
/ GLOBAL PRODUCT & BUSINESS DEVELOPMENT MANAGER PLASMA,
STEFAN GIESSLER / SENIOR R&D AND CUSTOMER SERVICE ENGINEER
PLASMA CUTTING SYSTEMS

With its mobile EX-TRAFIRE® plasma cutting systems, THERMACUT wants to change the market. The second generation of these devices has been further optimized by the manufacturer: easily adjustable cutting parameters and the ergonomically shaped hand torch with a highly flexible and light coaxial cable make handling much easier. Depending on the power output, low-alloy steels from 0.5 mm to 50 mm can be profiled with the EX-TRAFIRE®. They are thus suitable for precise cutting applications from semi-finished products for weld seam preparation to delicate precision contours, which require no mechanical rework.

In the interview, Andreas Boeckling, Head of THERMACUT Group, Carl Bandhauer, Global Product & Business Development Manager Plasma and Dr. Stefan Giessler, Senior R&D and Customer Service Engineer Plasma Cutting Systems, speak to us on the background and strategies for the market positioning of the EX-TRAFIRE® plasma cutting systems.

After the successful launch of the EX-TRAFIRE® at Schweissen & Schneiden 2013, they will be presenting the new EX-TRAFIRE® plasma cutting machines to the specialist audience at this year's S & S.

Giessler: „Since the last Schweissen & Schneiden, we have spent a lot of time with end users, and we really listened to their wishes and experiences in the making of the new EX-TRAFIRE® generation. We will present this customer-oriented system solution for the first time at this year's Schweissen & Schneiden. We are certainly building upon the success of the previous exhibition.“

What exactly did you get from the customer feedback?

Bandhauer: „The dialogue with the end users was fruitful and illuminating for both sides. The market clearly demanded a performance increase. But you must not compare apples with oranges. In the case of the plasma cutting method, the „output power“ is applied. However, the data sheets of most of the competing products only show the „cutting current“ and neglect the associated „cutting voltage“. This causes end users to be misled with a low price per amp or weight per amp of power sources. This is the same as in the case of cordless screwdrivers, which shine with high battery voltage, but the power consumption and battery capacities remain unnoticed in the small print.“

Giessler: „The terms „price per amp“ or „weight of the power sources per amp“ sound good. However, it's the actual cutting performance at the output of the device that is really decisive for the end user. „Output power“ is based on cutting thickness, cutting speed and component quality, or shortly the efficiency and cost per meter of cutting length. The duty cycle is not unimportant: It tells how long the power source can work, i.e. how many components can be cut per hour. The EX-TRAFIRE®105HD provides, for example, 105 amp output current and 200 V output voltage at 100% duty cycle. These are real 21,000 watts of cutting capacity. With a weight of only 34 kg, our solution is currently the most powerful plasma system per kg of machine weight. The introductory price will also attract the attention of the market.“

This sounds like record-breaking values. What exactly does this performance data mean for the end user? What specific benefits do they have?

Bandhauer: „According to our market analysis, EX-TRAFIRE® is currently the most powerful air plasma system in the world and therefore precisely adapted to the requirements of the users. This allows steels of 50 mm or more to be worked. Thanks to their high output voltage of up to 200 V, the devices are predestined for use in plasma gouging.“

Giessler: „Via optional BUS systems they can be adapted



to any CNC cutting table or robotic system. The important parameters can be conveniently set on the control panel of CNC, such as pressure, amperes and operating mode. These include the different operating modes of cutting, marking and gouging. With the EX-TRAFIRE®, the end user gets a very comfortable and really multi-functional system.“

You can hear a lot about plasma marking with the competition. How does it look with the EX-TRAFIRE®?

Giessler: „Of course, we have also implemented this function optionally in the EX-TRAFIRE®HD series, since the market for CNC- and robotic systems or machine-driven cutting demands it. Whatever marking - punctual, via marking lines or alphanumeric - the EX-TRAFIRE® is always ready. Furthermore, we have developed a unique operating concept with users: The HD series has a large, bright and therefore easy to read color LCD display. Menu-driven and self-explanatory, now the user can control the device intuitively and thus achieve the best results. The user-friendly THERMACUT development „Synergic Mode“ has been further improved for the new generation.“

When are these real „performance monsters“ available?

Bandhauer: „I would not call our powerful plasma systems monsters or beasts - that would not suit this user-friendly



nature of the device series. Our professional equipment is not only designed for scrap cutting. Rather, they cover the entire range of cutting applications - from semi-finished products with weld seam preparation to delicate precision contours, which require no mechanical rework. For the EX-TRAFIRE®105, 85 and 65, we are planning the European rollout later this year. The EX-TRAFIRE®45HD will follow on shortly after.

Mr. Boeckling, what are your expectations for the SCHWEISSEN & SCHNEIDEN 2017?

Boeckling: „SCHWEISSEN & SCHNEIDEN is the ideal platform for presenting your own company as well as product innovations. As early as 2013, THERMACUT has clearly expressed its position with the exhibition of the first EX-TRAFIRE® generation, that's where we are heading. Of course, replacements suitable for OEM parts will continue to play an important role in our business model. However, this alone is not enough for successful business development in the future. Our vision is being „THE CUTTING COMPANY“. Our long-term goal is therefore to be able to offer product solutions for thermal cutting. With the latest generation of EX-TRAFIRE®, we will demonstrate at this year's SCHWEISSEN & SCHNEIDEN that the market has a new, powerful alternative to the dominant players Hypertherm® and ESAB® / Thermadyne®. But that's not all.

THERMACUT is a cutting specialist. Accordingly, we will consistently expand our portfolio with regard to all thermal cutting processes. In the field of lasers, THERMACUT will for the first time present its own fibre laser cutting head „EX-TRABEAM“, a product that sets new standards in the industry with regard to its serviceability.“

This determination is impressive. Where does THERMACUT, as a medium-sized company, make the resources to support such a company development?

Boeckling: „The THERMACUT Group now employs more than 400 employees. With two production sites in the Czech Republic and China as well as over 20 sales organizations worldwide, we are optimally positioned. In addition, we are affiliated with the Binzel Group, one of the world's leading companies in the field of welding technology. The two groups cooperate very closely with one another and complement each other perfectly through both welding and cutting skills. Both are components of IBG, a medium-sized industrial holding company with over 2000 employees worldwide. IBG is a family-owned company that puts great emphasis on the continuous implementation of future-oriented strategies. I have been working for the IBG Group for almost 25 years and I cannot imagine a better mother company to achieve our long-term vision.“

FHTEX[®]

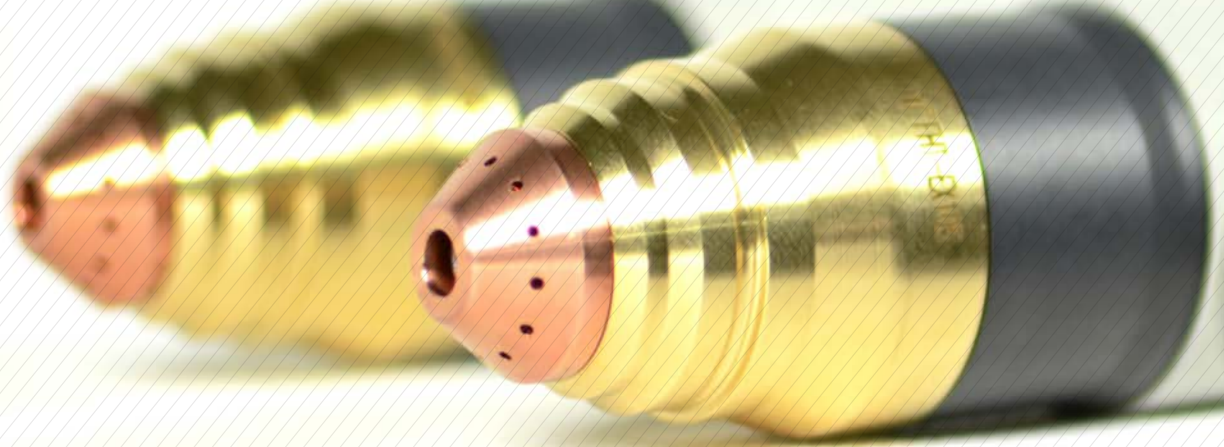
PLASMA CUTTING TORCHES

JAN KOSAREK / BUSINESS UNIT MANAGER PLASMA POWER SUPPLY





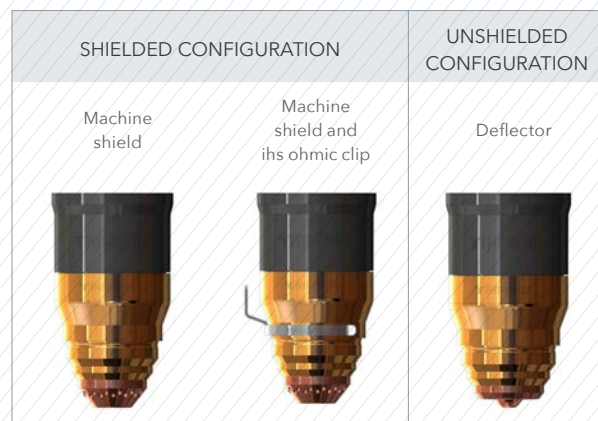
THERMACUT - THE CUTTING COMPANY, one of the world's leading producers of OEM replacement parts for plasma, laser and oxy-fuel, has decided to take an important step in evaluating our brand awareness in regards to our own-developed torches and power supplies. Our goal is to now launch into global markets by showcasing our range of plasma supplies under the name, EX-TRAFIRE®. Our power supplies are directly comparable to the power supplies of some of the world's leading manufacturers, and will be coupled with our own-developed plasma torches under the name FHT-EX®.



FHT-EX[®] torches are designed for single gas plasma cutting processes with mostly contact arc ignition and the FHT-EX[®]105 plasma cutting torch (Hand and Machine torch variants) is designed as a single gas torch for manual or mechanized cutting applications with gouging capabilities.

With these torches, you can cut mild steel up to 50 mm thick (piercing capacity is up to 25 mm, and recommended quality cutting capacity is 35 mm). Thanks to specially designed consumables for this torch, shielded or unshielded consumable configurations are entirely possible for a wide range of cutting and gouging applications. The FHT-EX[®]105 torch's consumable composition is set according to cutting current 45 A, 65 A, 85 A, and 105 A at a 100% duty cycle. The optimal operating gas pressure for this torch is 5.5bar, and gas flow at 270 liters per minute. The gouging configuration of this torch allows for the removal of up to 8 kg of metal (mild steel) per hour, depending on the current range of 45 - 105 A, with an output gas pressure of 3.5 bar. Torch leads

Machine torch








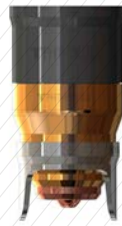


are produced with lengths of 5 m, 8 m, 15 m, and 23 m. The FHT-EX®105 was designed to run in connection with our EX-TRAFIRE® series but can be also used as a replacement torch for comparable plasma cutting power supplies, such as POWERMAX® and Cutmaster®.

The FHT-EX®30/40 is a low amp category torch line designed for single gas plasma cutting processes with contact arc ignition only. This plasma cutting torch is designed as a single gas torch for manual and mechanized cutting applications, and is mostly used for mild (carbon) steel cutting, in combination with compressed air. FHT-EX®30/40 torches can cut mild steel with a 30 A cutting current up to 10 mm thick (piercing capacity and recommended quality cutting capacity is up to 8 mm).

The FHT-EX®30/40 torch's consumable composition is according to cutting current 30 A and 40 A at a 100% duty cycle. We also plan to add to our consumable portfolio parts that will allow plasma marking in combination with a special set of parameters. The optimal operating gas pressure for this torch is 4.5 bar at a gas flow of 120 liters per minute. FHT-EX®30/40 torches are produced at lengths of 4 m, 5 m, 7,5 m, and 15 m, and can be used as replacements for comparable torches with equal performance, all while using contact and high frequency (HF) ignition. FHT-EX® torches are equipped with revolutionary, lightweight, highly flexible, coaxial cable leads. In cases of manual applications, this feature reduces fatigue, and minimizes stress on the wrist joint under difficult conditions. These torches are certified according to the IEC60974-7 standard.

Hand torch

SHIELDED CONFIGURATION			UNSHIELDED CONFIGURATION 	
Drag shield	Machine shield and distance spring	Machine shield and double pointed spacer (standoff guide)	Deflector and distance spring	Deflector and double pointed spacer (standoff guide)
				

 * For use in countries that requires CE conformity, the hand torch must be only operated with shielded configuration consumables.

INTERVIEW WITH

RADEK CHROMECKA

RADEK CHROMECKA / PRODUCT MANAGER PLASMA

Plasma Product Manager;
oversees plasma aftermarket business;
working for THERMACUT since 2004.

How would you briefly summarize THERMACUT, in general?

Briefly? Industry leader in aftermarket plasma consumables. Provides cash savings to customers. Respected, high level market player. THERMACUT started more than 25 years ago, but has managed to grow and become an industry leader with around 400 employees worldwide, with massive production rates, and constant strong growth. A rousing success story, wouldn't you agree?

Yes, it is, but let's be honest: Isn't it the same story heard around the world about success, when in fact it's mostly just marketing mumbo jumbo with a clear purpose: to increase sales?

I really appreciate your honesty. I know exactly what you mean. Everyday we're bombarded by companies using this type of "marketing tool". Their business model is almost always the same: rent two rooms, one is the stockroom, the other is the office; there's a boss, a marketing guy, two sales execs; an attractive website where products are presented but don't exist in reality; no verifiable background in technology; poor product knowledge; and reselling goods from anywhere they can be found.

Are you talking about the competition?

Not necessarily. There are competitive companies that have a lot of respect for, and I'm appreciative of their skill and influence on technological development. I'm speaking more about the "dirty game" players: those with no respect for truth, following established rules, patents, the LAW... staying true to the values is what THERMACUT is always aiming to do.

But in some cases, it works...

I think the THERMACUT® story demonstrates that "fair play" works better. Each of us has to choose our own way of living life in general, but I'm already straying too far off topic.

I'm sorry, but it sounds to me a bit hypocritical to speak about "fair play", when quite a few original equipment manufacturers (OEMs) have referred to THERMACUT as a "pirate company". You produce aftermarket parts for their systems, don't you?

We strictly adhere to all patented solutions and legal restrictions. The invention of the automobile, nor the discovery of electricity meant that those things were the exclusive, private property of one individual, or company. Many global, original market leaders produce parts for their competitors' systems - same as we do - so we feel like we're in "good company", in which no one suffers.

That's a bit surprising for me.

Sometimes it's a funny marketing game. Well, funny if you know the stories behind the organization.

You said you are in "good company" with OEMs. Am I understanding correctly that you plan on trying to enter the OEM business?

We're already there! In some cases, you're aware of it

(EX-TRAFIRE®, FHT-EX® lines); while in others, the production of other parts isn't common knowledge at this point.

What do you mean in some cases it isn't common knowledge?

We already produce some OEMs' parts, as their private label brand, for them. We're able to do this because we've reached such a high level of technology, capacity, logistics, teamwork, and technical knowledge. It's allowing us to forge more and more partnerships, and fosters more growth at THERMACUT. This seems to me to be an organic, natural, successful process.

Let's dive a bit deeper into some technical specifications.

I thought you'd never ask!

THERMACUT's technical solutions have been so successful that they've influenced other companies to do exactly what we do. Let's start with unique design solutions that exert a general influence on parts performance. There are dozens of them, so allow me to highlight only a few:

- "One piece" nozzle for Hypertherm® HPR®, HPR®XD system, used by nearly all of our competition, at the moment.
- "Umbrella" design of 260A shields for Hypertherm® HPR®, HPR®XD, that increase piercing resistance. Many customers rejected the OEM's design after this trial.
- Unique electrode design for Hypertherm® POWERMAX® 1000 / POWERMAX® 1250 / POWERMAX® 1650, with a lifetime increase up to 50 %.
- Smart, "spring swirl ring holder" for Hypertherm® POWERMAX® 65/85/105.
- Smart "no lock" nozzle solution for KJELLBERG® PerCut® 450 - the design has been copied by many of our competitors.
- "One more o-ring" for swirl ring of KJELLBERG® PerCut® 370.1, with emphasis on cut quality.
- Silver inserted electrodes - also often copied by our competition (with varying degrees of success).
- System of electrical conductivity checking of the coolant, where we were the first in the world who began checking that, and saved innumerable costs for our customers.

I could continue listing more and more solutions in detail, but I'm already risking drifting into boring territory. Simply put, THERMACUT THE CUTTING COMPANY® has a LOT to offer.

Clearly, you love what you do.

Definitely! You know, these are "big boy toys", plus I like the technology in general. Plasma feeds me, so I like it even more. What's good about THERMACUT is that we have a strong team that operates in a professional, friendly manner. These people are generating the success I'm attempting to describe. THERMACUT shows it's deserving of its leading position due to the knowledge and enthusiasm of its people. For this same reason we continue growing and growing, and show no signs of slowing down. We offer a plethora of unique technical solutions, highlighted by optimal performance, longer product lifetimes, and premium cut quality.

TORCH TECH SUPPLIES

THERMACUT's Long Term Partner in South Africa

TOMAS GERYK / HEAD OF INTERNATIONAL SALES

Torch Tech Supplies cc was established in 2005. Since that time, the company has developed into a leading supplier of replacement parts for the plasma cutting industry in South Africa. The company is based in Johannesburg: the economic and financial hub of South Africa. Torch Tech's focus has traditionally been on plasma cutting consumables, but they are now turning their attention to laser consumables and our newly released plasma cutting machines. Despite difficult economic conditions, crises in the mining sector, and a consistently competitive imbalance, Torch Tech has managed to substantially increase their business every year. Over the last four years, they've grown by at least 50 % each year, including doubling their sales last year: an almost unbelievable achievement. Torch Tech supplies only THERMACUT® products, and as they say, "due to their quality, we are the leading Replacement Company distributing in South Africa". In their own words: "Our growth is directly linked to our experience with plasma consumables, and the fact that we know our products. Of primary importance to us is that people we employ know the business thoroughly".

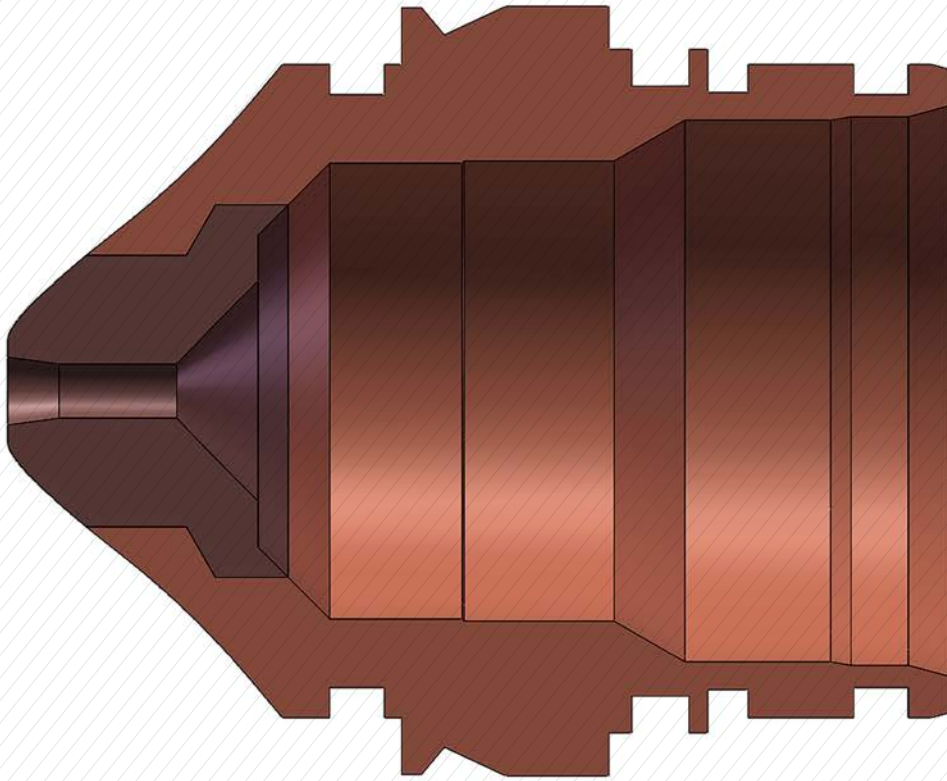
But it's not just having quality products that makes a business successful. Torch Tech always provides same-day service. They are able to assist their customers with various issues they might be facing, from minor issues like fine-tuning their plasma machines to get the best cut possible, to more complex issues like repairing torches or power supplies. Keeping enough stock on hand is also a critical element to their success. They fully understand that delays for the customer means the customer is most likely losing money, and so Torch Tech always makes sure to stock up according to their customers' needs, in order to never let them down. Possessing an ethical and honest approach towards customers is something that Torch Tech is widely known for. For the first time, this May, Torch Tech participated in the Machine Tools Africa Expo 2017, showcasing our complete product portfolio, including the new EX-TRAFIRE®30SC outfitted with the FHT-EX®30/40M machine torch.

I would like to take this opportunity to thank the entire Torch Tech team, including the company's founder, Mr. Paul Botha, for their unwavering loyalty and supreme confidence in our product. They are doing a tremendous job for THERMACUT, our reputation, and our brand visibility in South Africa.



NOZZLE PRO

GEORGE GAO / SALES DIRECTOR OF THERMACUT CHINA



Sustainability, efficiency, and improved cut quality are key elements for every business engaged in CNC plasma cutting. Plasma torch cutting is undoubtedly the best choice for fast, efficient performance for any business doing thermal metal cutting.

While plasma cutting, an operator usually changes an electrode and a nozzle at the same time. Once a nozzle's orifice ceases to be circular in shape, the cut quality gets worse. We often find that an electrode's life extends beyond the life of the typical nozzle, especially when using silver electrodes. This creates a problem in which an electrode still has sustainable life, but the nozzle must constantly be replaced. Numerous engineering improvements have been focused on improving and extending the life of electrodes, but technological advancements for longer nozzle life have consistently lagged behind... at least until now. THERMACUT® is introducing the Nozzle PRO to

address the need for longer nozzle life. The Nozzle PRO uses a special grade of highly softened copper to achieve a breakthrough in sustainable nozzle life. Compared with our standard copper nozzle, the Nozzle PRO is more resistant to the plasma arc and less likely to have the nozzle orifice become elongated or out of shape, thus providing a nozzle that extends cutting life and improves cutting quality.

In order to maintain a fair market price, the Nozzle PRO is offered with a special copper insert of the front orifice of a nozzle.



HYTRAFIRE[®] 305C



TCS

TORCH CONNECTION SYSTEM

ZDENEK LAPCIK / R&D DIRECTOR

The Torch Connection System (TCS) is dedicated to connecting hand or mechanized plasma torches and power supplies outfitted with contact start technology up to 125 A. Multifunctionality provides abundant benefits to our business partners, and will help secure their market positions by utilizing torches and consumables that are directly comparable to those of their competitors.





Advantages

- Protection against breakage
- Economically beneficial
- Patent protected design
- Plug and play
- Fits ergonomically in hand
- Designed for THERMACUT's lightweight coaxial lead
- Multifunctionality

The TCS is an assemblage of parts, including a plug, a key latch, and a small handle. This basic configuration provides flexibility for placing the TCS to many different power supplies. Some of the parts are more unique - such as the plug - while others are decidedly more commonplace, such as handles for all variants. These features will be explained shortly.

A basic TCS component is the plug that is inserted into a power supply socket. The plug is slightly conical, and has a groove for keys: ensuring that the plug is thoroughly guided while being placed into a socket. The next part of the TCS is key. It's common knowledge that the key helps guide the plug into a socket so that the pins are correctly oriented against the socket. A part of the key is the latch, and this latch secures the TCS against removal from the power supply. The plug is placed in a small handle which we call the upper and lower clam shell. The upper clam shell has a pocket in which the latch snaps in, while the lower clam shell contains holes for screws.

As was previously mentioned, the main advantage of the TCS is its immense variability. This variability is made possible by the optional exchanging of the plug and the key. There are many variants of plugs and keys that allow for placing the TCS onto THERMACUT®, Hypertherm®, and VICTOR® - ESAB® power supplies. Each variant and combination we see on the chart below. THERMACUT will supply each variant of the TCS as an assemblage so that no parts are mismatched - an easy mistake to make as the systems do look very similar.

TCS Variant for THERMACUT's EX-TRAFIRE®

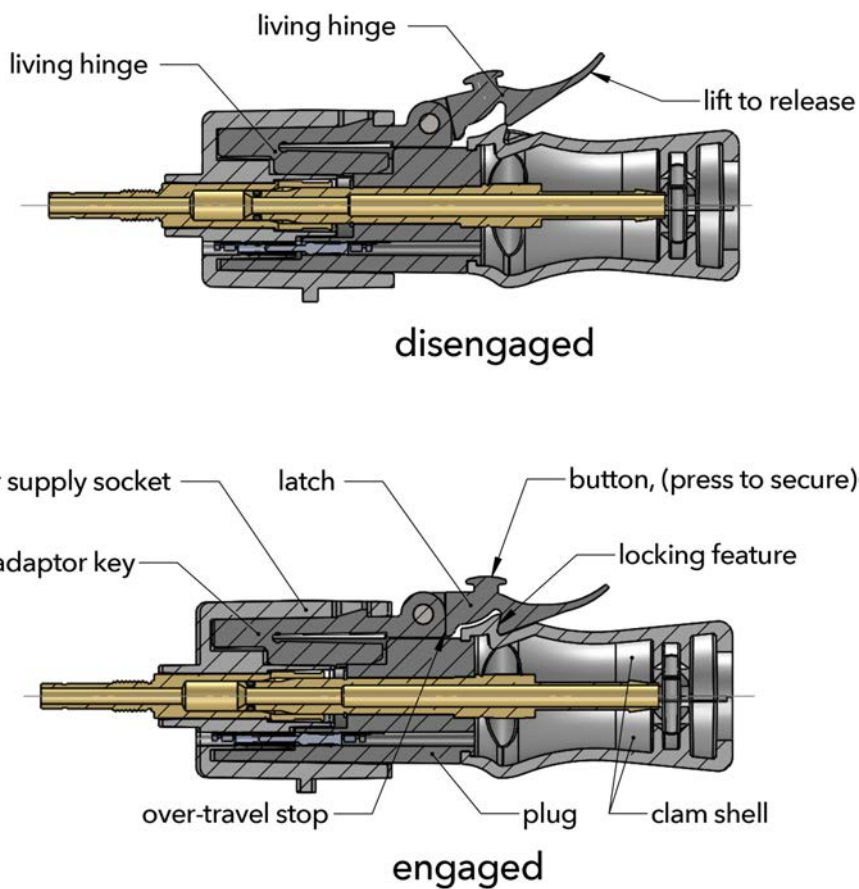
This connector was designed for THERMACUT's new EX-TRAFIRE® series of plasma cutting systems. The plug of this connector is equal to Hypertherm's DURAMAX®, but there's a unique key for this connector that disallows the placement of the Hypertherm® OEM torch, or our DURAMAX® replacement, on our plasma power supply. Simply put: This type of connection is only for THERMACUT® power supplies. The TCS, together with the torch and consumables, are truly unique, allowing us to avoid cannibalization in the marketplace.

TCS for replacement of OEM torch - new POWERMAX® generation of plasma cutting systems


This variant of the TCS works with POWERMAX® 65/85/105 power supplies. This connector allows for the installation of the TCS into the socket of any POWERMAX® 65/85/105. THERMACUT® offers two replacement torch options for use with the TCS: The FHT-EX®105, or the THERMACUT's OEM Hypertherm® torch replacement. The other TCS variants are not possible as replacements of this variant.

Suitable replacement for Cutmaster® torches

THERMACUT's FHT-EX®105 torches are suitable replacements for SureLok® 1Torch® with ATC® connectors on Cutmaster® plasma power supplies sold by Thermal Dynamics® / Victor® / Thermadyne®.



The construction of the TCS is protected by patent application US15/086,822. This patent underscores the originality of the TCS solution, and prevents against aftermarket copying.



PRODUCT MANAGER OXY-FUEL

MARTIN PRIKRYL / PRODUCT MANAGER OXY-FUEL

My name is Martin Prikryl, and I am the new OXY-FUEL Manager for THERMACUT. I have worked for THERMACUT for the last year, and I'm excited about the changes that have been implemented, as well as the introduction of new products into the marketplace. My primary goals are to strengthen our OXY-FUEL portfolio with a stable product line, and to stimulate growth by continuing to introduce new products.

We began by installing a new OXY-FUEL testing machine in our lab so that every new nozzle is run through a rigorous testing process. Only after this process is completed the cutting nozzles will be available to customers. Next we made improvements to most of our nozzles by changing the dimensions of their orifices, or by applying chrome plating to significantly extend nozzle life. Changes were also made to the machining process in order to provide higher quality slots.

In addition to product enhancements we are also working on providing educational information to our colleagues and valued customers. We have a new e-learning center for technical materials specific to OXY-FUEL, along with vital information about lasers and plasma. We will continue

to add materials to the OXY-FUEL section, primarily through new product development. We will expand our current portfolio further by offering new replacement nozzles for the GRICUT® 1280, ESAB® IAC and IAD. We are also preparing a future release of replacement nozzles for VADURA® 9215 and ALFA. The first laboratory tests of VADURA® 9215 are done with a very positive results.

So far we have focused on up-to-date consumables but in a near future we are also planning an offering new replacement nozzles for the KOIKE® SANZO. This consumables works also as a mixing parts for the gases. Modern machine torches have injector part inside the torch body so this types of consumables are not needed. But there are still customers requests for this types and we want to keep them satisfied. Some of our future rollouts include our own OEM torches, regulators, and other innovative product offerings to support our OXY-FUEL line.

In summary, we will expand our OXY-FUEL products offerings, in line with our reputation as "The Thermal Cutting Company", to fully cover the thermal cutting sphere for OXY-FUEL, laser, and plasma cutting.

SMART SOLUTION FOR YOUR CUTTING



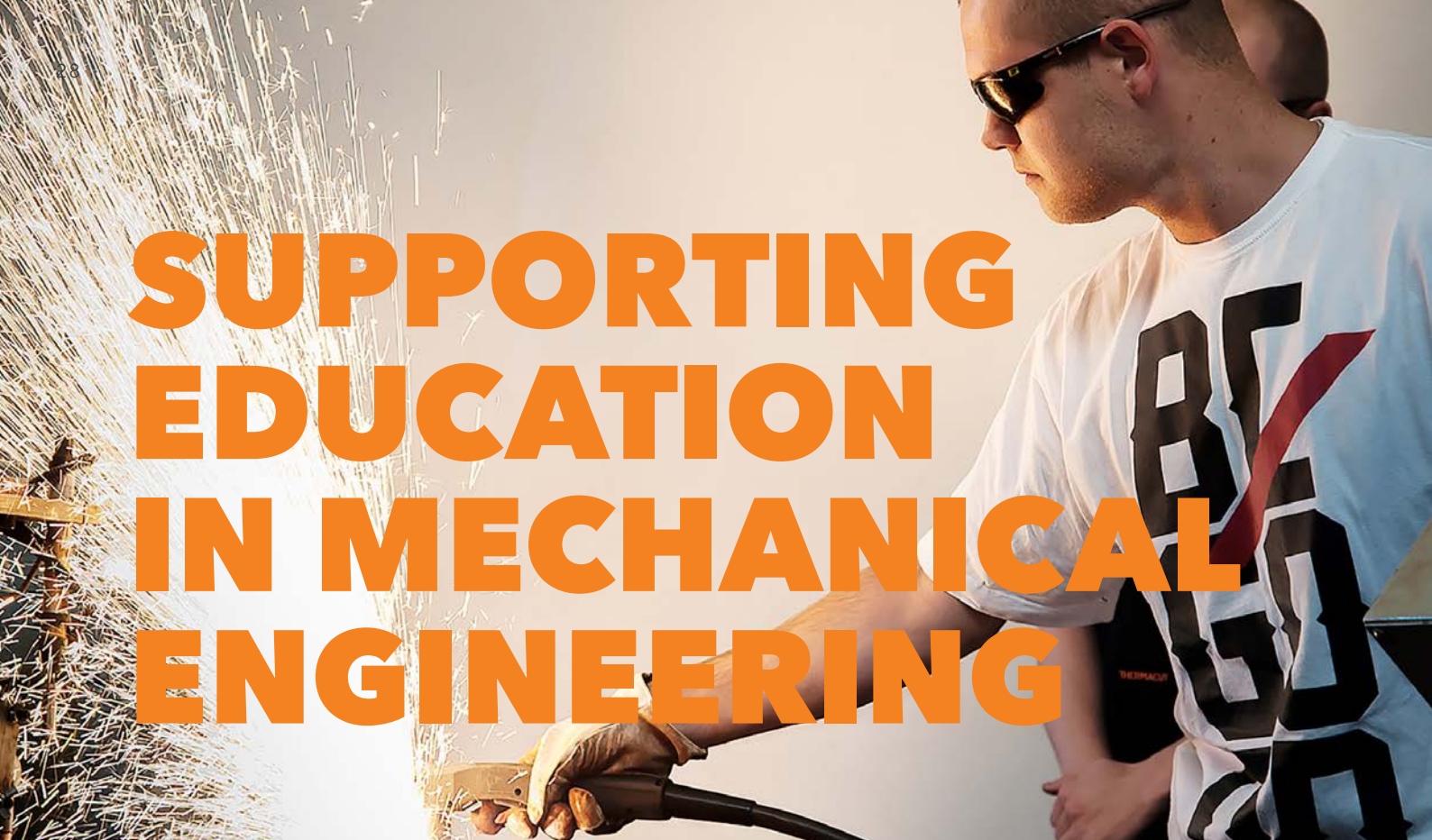
ROMAN HILSER / MARKETING SPECIALIST

It's a well-known fact that THERMACUT produces a wide range of consumables for plasma, laser and oxy-fuel cutting. Some consumables are used for everyday cutting, and their lifetime corresponds with the usual standards of OEM manufacturers. However, we're also producing consumables that are vastly superior to the original parts from some OEM manufacturers. These products offer our customers improved cut quality, longer lifetimes, and easier installations. Certainly we can all imagine that with a longer lifetime, and with frequent use of the given consumables, this value will be reflected by the reduction in the cost of the parts, as well as in terms of time savings (in case of shutdowns due to replacing parts, when necessary).

It was this added value that forced us to think about the issue from the consumer's point of view: What is the easiest way for me, the consumer, to navigate through the available portfolio, and select products that will offer this added value over their lifetimes? In 2014, the SMART SOLUTION brand was created. It offers a wide range of chosen products, all with outstanding characteristics.

The primary reason for the SMART SOLUTION branding was visibility, and to draw a clear distinction between these products and other products, while placing a strong emphasis on developmental innovation. The SMART SOLUTION label can be found on consumables suitable for ESAB® PT-600™, ESAB® PT-19XLS™/PT-19XL™, and Hypertherm® HPR®130XD/HPR®260XD/HPR®400XD, among others. Accessories, torches, and highly flexible torch cables are also available.

SMART SOLUTION thus serves as an element of differentiation from the competition, and serves to strengthen the image of THERMACUT, where our primary objective is to consistently offer our customers only the highest quality products with characteristics that ensure the best possible results, over their entire lifetime - each and every time they're used. Every customer has the right to choose the SMART SOLUTION.



SUPPORTING EDUCATION IN MECHANICAL ENGINEERING

STANISLAV SLADEK / MANAGING DIRECTOR OF THE STATUTORY BODY
MICHALA KYLIANOVA / HR MANAGER

It's widely known that the most significant current problem in regards to mechanical engineering is the stunning lack of qualified engineers.

This isn't just an issue unique to the Czech Republic - most EU countries are struggling with this issue. Finding capable engineers with viable interest in mechanical engineering is much harder today than it was five years ago. It's to the point where workers from completely unrelated professions, such as cooks and masons, are today being reeducated for CNC machine setter positions. The current economic boom, combined with a long-term lack of interest from students towards mechanical engineering, has created a shortage of qualified candidates. With more schools focusing on management, business, and economics degrees, fewer and fewer students are studying to become mechanical engineers. For a long time the Czech Republic has been a country with a great tradition of mechanical engineering, so local schools and companies are digging in and attempting to preserve this tradition by sharpening the focus on this field for future generations.

This is the number one reason why THERMACUT has decided to take part in a project supporting an increased awareness of mechanical engineering among students in primary schools, particularly those on the verge of choosing their future high school. In total, 34

companies, 1600 primary school students, and 23 high schools participated in the awareness program. Almost 100 young students from local primary schools have visited THERMACUT. Each student was given the chance to see every department of the company, but with a special focus on the mechanical engineering aspects of operations. In cooperation with a local industrial high school, the program presents students with a practical demonstration of modern manufacturing technologies used by THERMACUT, including plasma torch cutting and the examination of our final products.

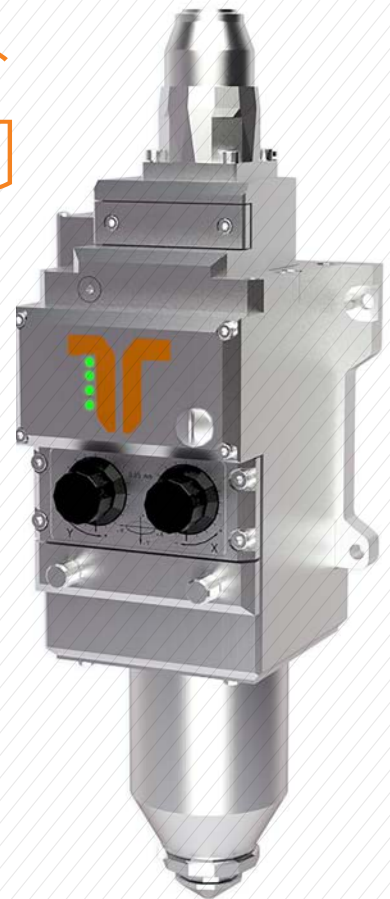
The goal of the project was to convince these „potential future employees“ that pursuing a degree in mechanical engineering can lead to a plethora of employment opportunities and a bright future. We sincerely believe our efforts will once again stimulate renewed interest in the field of mechanical engineering in such a way that in five to ten years we will see a sufficient number of graduates focusing on mechanical engineering. We sincerely hope that one day these future graduates will contribute to strengthening the tradition of mechanical engineering in the Czech Republic.

EX-TRABEAM^{PRO}

NEW LASER CUTTING HEAD

INGO HOLLBERG / PRODUCT MANAGER LASER

8 kW solid-state laser cutting head with low-drift regulation for best cutting results.



With the EX-TRABEAM PRO, THERMACUT introduces a solid-state laser cutting head with autofocus function. The cutting head is suitable for modern, powerful laser cutting machines equipped with a solid-state beam source, which operate in a wavelength range of 1030 to 1130 nm and a power of up to 8 kW.

The EX-TRABEAM PRO offers the users of modern laser cutting machines an optimized laser cutting head with autofocus function, improving the piercing process. Thanks to the user-friendly service concept, the unit allows trained and certified system integrators a fast and uncomplicated change of optical components in a clean room work place (FlowBox). EX-TRABEAM PRO operates with a collimating focal length of 100 mm as well as focused focal lengths of 125 mm, 150 mm, 175 mm or 200 mm with a cutting gas pressure up to a maximum of 25 bar. The EX-TRABEAM PRO has an advanced mechanical insulation to prevent small particles from getting inside the

cutting head, including an insulation monitoring system to protect the optical components. Thanks to the front-operable beam adjustment, the horizontal adjustment is very easy and precise. In comparison to common systems of other manufacturers, the capacitive height sensing of the EX-TRABEAM PRO cutting head is not susceptible to temperature drifts. Thus, the new EX-TRABEAM PRO allows precise distance settings. Even at high beam powers and long operating times, the system guarantees a stable distance to the work piece and better cutting results. Since THERMACUT intentionally minimized the expensive electronics, the sensor insert can be replaced as a crash relevant component at low spare part costs. In addition THERMACUT also supplies a comprehensive range of consumable parts and optics. THERMACUT has developed the EX-TRABEAM PRO cutting head in cooperation with Scansonic from Berlin, one of the leading companies in the field of laser welding and laser brazing. Market launch is planned for the third quarter of 2018.

LASER PRODUCT DEVELOPMENT

INGO HOLLBERG / PRODUCT MANAGER LASER



THERMACUT's vision for a laser-based strategy began with the acquisition of HOLMA® AG in 2012. Since that acquisition, THERMACUT THE CUTTING COMPANY® has made a significant impact on the laser market, with product expansions that have included bellows and filters suitable for TRUMPF® laser systems, as well as numerous nozzles and spare parts for major OEM laser manufacturers.

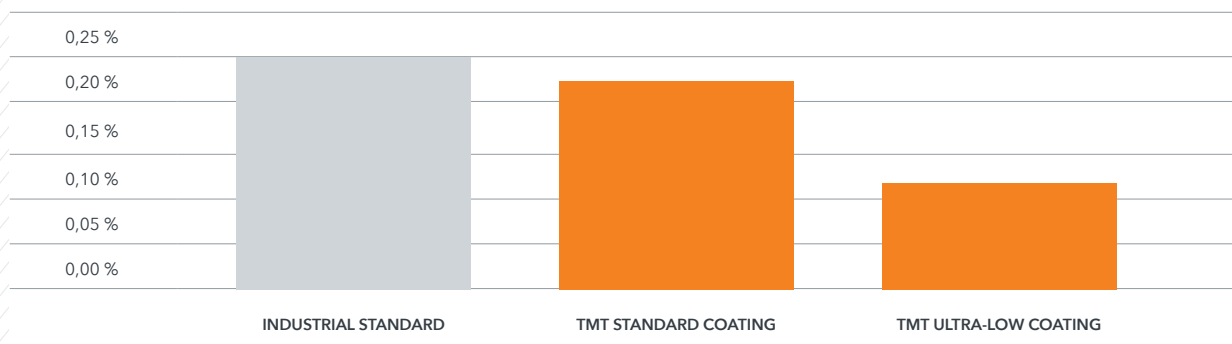
This year, we will focus our efforts on developing products for the Fiber Laser market, offering variety new nozzles, ceramics, and other parts for some of the most popular Fiber Laser systems. An advantage to cutting with a fiber laser is being able to cut thicker material. This technological advancement requires a higher cutting gas flow out of the nozzles in order to blow the molten material out of the cutting gap, along with bigger bore holes, and double nozzles.

THERMACUT continues to improve on our previous laser lens offerings. Starting from the second quarter of 2017, we began offering the lowest absorption rate for a standard coated lens on the market. Our standard coatings for lenses with a diameter of 1.5" have a typical absorption rate of less than 0.17 % (industry standard is less than 0.20 % - is it the info from ULO). Absorption rate is a critical component in the life of a CO² laser lens. A lower absorption rate guarantees better performance, as well as a stable focus point, higher cutting quality, and

an extended lifetime. We recommend our standard lenses for laser systems up to 5 KW, while other lenses with an absorption rate of 0.20 % are used for laser systems up to 4kW. THERMACUT's standard CO² lenses are low absorption lenses that are available for the same price as standard-coated lenses.

For special applications, such as cutting reflective materials like aluminum, copper, brass, or even thicker materials (<15 mm with Laser Power more than 5 KW), THERMACUT® offers a Ultra-Low coating lens that has an absorption rate of less than 0.10 %. These Ultra-Low lenses feature a coating design that substantially lowers thermal distortion, allows for easier detection of thermally induced stress, optimized cutting performance, and an extended lifetime. Visit our website regularly to receive frequent updates about new products we'll be releasing, and visit our page on Facebook for up-to-date information on our various activities.

TYPICAL ABSORPTION





CUTTING EDGE WITH TEAM EFFICIENCY

BURKHARD RINN / MANAGING DIRECTOR OF THERMACUT GERMANY

Pascal Jaeger of the THM Team Efficiency with pilots Sheiba Jan (left) and Sarah van Dekken. (Picture: THERMACUT / Lutz)

Driving as many kilometers as possible, on one liter of fuel – the Efficiency Team at the Mittelhessen University of Technology has recently done it again. This time at the Shell Eco Marathon in London, where pilot Sarah van Dekken reached an astounding 838 kilometers.





With this result, the THM students, led by scientific director Pascal Jaeger from the Friedberg Campus, fulfilled their goal of once again being the top German team in the field of combustion engines. The Efficiency Team consists of engineers from the fields of mechanical engineering, electrical engineering, and mechatronics, as well as industrial engineering and media informatics. „We cover all areas: from development through prototyping, all the way through the construction and marketing of our vehicle,” says Pascal Jaeger.

A self-developed 69 cm³ engine with 50 Nm of torque pushes the three meter long Greenliner atop its three thinly-spoked wheels. The streamlined vehicle, with a CW value of less than 1, consists of an aluminum grate tube frame clad with thin carbon shells, and weighs in at a mere 40kg. The petite pilot (minimum weight allowed by rules is 50 kg) is placed on a body-fitted shell, and keeps Greenliner on course using two small steering levers.

Complex Components Built Quickly

„It was only possible to build this vehicle and achieve our success through the widespread support of our industry“, explains Jaeger. THERMACUT, the company from Wilnsdorf in the Siegerland (NRW), recently donated a highly advanced plasma cutting machine called EX-TRAFIRE®. This device allows the racing team students to process the metal parts of their vehicles with millimeter precision. „Until now, we couldn't produce these works in-house. But with our own cutting unit we are able to be more flexible, and can quickly reproduce components that sometimes break during test runs, or components which have undergone design improvements“.

The sponsored EX-TRAFIRE®85 can precisely cut materials up to 30 mm thick. „As the device is compact and comparatively light, our students can easily wield it and work well with it,” says Pascal Jaeger. „The next stage in our development will include an automated cutting center with CNC-controlled axes built around the main device,” says Jaeger, who is already firmly focused on the next thing.



The mobile THERMACUT® EX-TRAFIRE® plasma cutting machine can also be used for creating complex components, such as these custom sprockets with their 140 teeth. (Picture: THERMACUT / Lutz)

THERMACUT® ACADEMY

LUKAS KROUTIL / MARKETING AND DIGITALIZATION MANAGER

As we all know, times are changing. In light of that, educational systems must also change their character and direction in order to keep pace. Because of current market developments, we have decided to change our own existing educational system.

The time of bookworms and open libraries are long gone. In days past, libraries, to some extent, served in the role of today's social networks. People would meet there and share new information. However, the internet, and the public sharing of information as a whole, dealt the printed page a fatal blow. In view of this, we must also respect this trend in our company. It's not just about educating our own employees, but also about educating our valued customers, resellers, and distributors, as well as colleagues from our subsidiaries.

E-Learning

Currently, it is nearly impossible to offer every individual the separate education they need to be able to work. That's why we decided that instead of training workers one-by-one, we should create a "knowledge base" from which everyone can draw. Nowadays, it's very popular to incorporate English language expressions into everything, and we couldn't resist this trend. That's why we've launched "E-Learning" at THERMACUT.

In short, it's an electronic form of education for existing and new customers, colleagues from affiliates within THERMACUT Group and our colleagues from the production plants. It's a multi language electronic form of education. We are able to accurately determine what type of information will be displayed to the user (student), and to what extent. This system is a very powerful tool for sharing information around the world without having to travel and spend corporate resources. It can contain

virtually anything, but for THERMACUT the system will be primarily used for technical training, product training (when you introduce a new product line, the system will prompt you to study a new course), and for training new and existing employees. In the future, we will extend the system to enable it to independently train new and existing employees about the processes and practices of our company. Therefore, there won't be much need for the traditional process of learning under the guidance of an experienced colleague. We want to save both time and manpower required for such training period.

Technical Training

An integral part of the THERMACUT® ACADEMY is a program specifically for technical training. This will take place primarily using presentations, but there will also be a practical section in which students will learn how to use our product and how to optimize the thermal cutting system. This two to five day training program is specially tailored so that all redundant topics are dropped.

These technical training sessions take place at our factory in Uherské Hradiště and are hosted by a special trainer and invited lecturers. They include trainings on construction, an introduction to production, and the testing process for manufactured parts. Each training session ends with a test in order for each participant to prove that they've acquired the requisite knowledge. Depending on the outcome of each test a certificate is awarded. Separate certificates are awarded for each training topic.

CERTIFICATE

PLASMA BASIC TRAINING COURSE

John Smith

CERTIFICATE GENERATED 11. 11. 2016
AND APPROVED BY



THERMACUT®
THE CUTTING COMPANY

We firmly believe that the new system will find its followers and will develop as fast as the whole THERMACUT Group.

THERMACUT[®]

THE CUTTING COMPANY



THERMACUT

RUSSIA

ALEXEY ZVEREV / MANAGING DIRECTOR OF THERMACUT RUSSIA
ALEXANDRA ARZAMASTSEVA / SALES MANAGER

THERMACUT's Russian branch was opened in 2008 in the city of Chelyabinsk. This choice was dictated by the city's location in the Ural Mountains. This geographical location is close to the center of Russia, allowing for more convenient access to customers across the country.

The THERMACUT brand was already well known in the Russian market for more than 10 years prior to the branch opening in 2008. Before the branch opening, many customers purchased their goods directly from THERMACUT Czech. Those clients remain valuable to our company. The subsidiary opening has allowed customers to receive their products and services quickly, saving them time and money, considering how expensive it can be to import goods from Europe.

The subsidiary opening coincided with the difficult times experienced during the global economic crisis of 2008-2010. Despite the worldwide downturn, the Russian subsidiary succeeded. The crisis brought about many changes to the Russian market in regards to metalworking equipment. Previously, customers did not have enough compelling reasons to change their product suppliers, but during the crisis the situation became dramatically different. More and more companies began looking to optimize their monetary savings by purchasing less expensive alternatives to the original parts.

In the end, having its own warehouse and offering reasonable prices wasn't enough for THERMACUT's initial product launch to be successful. Customers' confidence had to be earned. Key factors were the quality of the purchased products, and technical support. Initially, with the help of Czech colleagues, we proved that our company could provide prompt technical support, and could thoroughly assist a client resolve their plasma cutting equipment related issues. For the first time, THERMACUT took part in the Svarka (Welding) trade fair in St. Petersburg

in 2010. At the time our brand had gained recognition in the Russian market, our client network continued to expand, and the number of employees steadily increased. In order to enlarge our warehouse area, a much larger space was rented in the city center in 2012. In that same year, a branch with its own warehouse was opened in Moscow, allowing customers from the "European" part of Russia to receive orders much more quickly.

Due to our continuous product expansion, in 2016 we finally outgrew our original space. A decision was made to move to a new two-story building with a spacious warehouse and an additional room to act as a showroom, as well as for providing service. Today, the Russian office has its own laboratory where we can test and demonstrate our power supplies to customers there.

Our plasma cutting power supplies, EX-TRAFIRE®, were introduced in Russia in October 2016 at the Weldex trade fair in Moscow.

It's been 10 years since the opening of the Russian office, and our customer base has grown to the point where very few potential buyers are unfamiliar with THERMACUT® products. We've achieved a great deal in a relatively short period of time, but we will not rest on our laurels: Our team continues to grow, our customer base is ever-expanding, and we regularly participate in the largest industrial exhibitions throughout Russia. We have the utmost confidence in our product line and are looking ahead to our next challenge: the promotion of our THERMACUT® branded plasma cutting equipment. Our eye is firmly focused on the future development of our company.

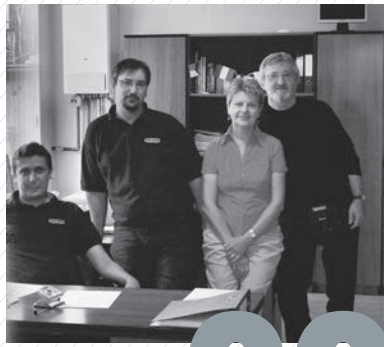
25 YEARS

OF EXPERIENCE

97



Establishment of the first sales subsidiary Thermacut Slovakia, s.r.o. in Komjatice.



00

Purchased and began reconstruction of a production complex in Mařatice to consolidate all production, engineering and logistics needs in one facility. Establishment of fourth sales subsidiary Thermacut Romania, s.r.l. in Targu-Mures.

04

Production was moved from Kunín to Uherské Hradiště. The sales department moved to the reconstructed building in Kunín.

03



Construction of a new assembly hall and the launch of cable production and complete torches for plasma cutting and MIG/TIG. Establishment of the German sales subsidiary and warehouse Thermacut GmbH in Wilnsdorf.

96

The company Thermacut, s.r.o. became a main shareholder of Plasmastar, s.r.o. In that same year Thermacut, s.r.o. began sales own products into Czech market through our new sales department in Kunín.

99

The new majority owner became STK Gesellschaft für Schweisstechnik mbH which is 100% owned by IBG Group. Foundation of the third sales subsidiary in Hungary, Thermacut Hungaria, Kft. in the border town Esztergom.

92



The company Thermacut, s. r. o. was established by three founders: Mr. Jiří Zapletal, Mr. Luděk Zapletal and Mr. Pavel Hruška who became managing director. The first production facility was established in 2001 which resided in a rented building in ZD Mír Kunovice in Vésky.



98

Establishment of second sales subsidiary Thermacut Poland, Sp. z o.o., in the border town of Cieszyn. After its reconstruction of a building in industrial place Kunovice, we moved our press shop and shipping department into that facility.



02

STK Gesellschaft für Schweisstechnik mbH becomes 100% owner of Thermacut, s.r.o. Mr. Luděk Kolařík is appointed as new managing director of the company.

01

Reconstruction of premises in Mařatice facility continued and at the end of the year the press shop and shipping department moves into reconstructed building.

08

In February the reconstruction of the headquarter's building is finished. Establishment of two additional sales subsidiaries, Thermacut France in Strasbourg and OOO „Termakat“ in Chelyabinsk, Russia.

12

Establishment of the sales subsidiary in Chinese Jiangsu Changzhou TCN Welding & Cutting Equipment Co., Ltd. The beginning of sales activities regarding Silver PRO electrodes.

17



On Schweissen & Schneiden 2017 was introduced new EX-TRAFIRE®HD line of plasma cutting systems. Our production was expanded by a second INDEX.

07



Construction of the extension hall, which in February 2008 also served as a temporary office administrative staff and management. Established the sales subsidiary Thermacut do Brasil, located in Petropolis.

11

Mr. Dusan Loukota and Mr. Stanislav Sladek are appointed as the new managing directors of Thermacut, s.r.o. together with Mr. Andreas Böckling. Began and was completed the construction of fully joining the two plasma consumable production halls.

16

Establishment of TMT (Shanghai) Cutting and Welding Equipment Co. Ltd., China. The beginning of cooperation with Abicor Binzel Central Asia Kazakhstan.

15

Began the production of MIG swan necks and nozzles for our sister company Alexander Binzel. Commissioned our new production technology using a multi-spindle machine from INDEX. We introduced the brand SMART SOLUTION.

06

Launched the production of MIG contact tips. Establishment of two more Thermacut sales subsidiaries: Thermacut Mexiko, S.A. de C.V. in Aguascalientes and Thermacut UK Ltd. in Cheshire. Introduction of the new advanced line of plasma cutting consumables under name of Ex-Trafire®.



10

Dramatic growth of turnover due to revival of the global economy. Relocation of the plasma cutting lab into a new facility.

14

Sales and marketing department moved to new building in Senov by Novy Jicin. Beginning of sales cooperation with Abicor Binzel in Australia, Belarus and the United Arab Emirates.

05

The change of the company's corporate image which is defined by a new group logo. Mr. Andreas Böckling is appointed as the second managing director of Thermacut, s.r.o. In September the establishment of the fifth sales subsidiary Thermacut Hrvatska d.o.o. in Senj.

09

A conferment certification ISO 9001-2001. A crucial decrease of orders caused by the global economic crisis.

13



The acquisition of the laser company Holma® AG was completed. Establishment of the sales subsidiary Термакат Україна ГМХ (Thermacut Ukraine GmbH) in Petropavlivs'ka Borschtschagivka.

THERMACUT®

THE CUTTING COMPANY®

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