



**PLUSCUT**

**Nuova torcia  
PLUSCUT [it]**

La nostra nuova torcia PLUSCUT è il risultato di anni di esperienza e intensivi studi di mercato in collaborazione con vari istituti scientifici. La nostra nuova torcia PLUSCUT soddisfa le esigenze di ogni utente e fornisce i migliori risultati di taglio. Le torce PLUSCUT sono state sviluppate per essere utilizzate nelle applicazioni industriali e per i professionisti più esigenti..

**Der neue PLUSCUT-  
Brenner [de]**

Unsere neuen PLUSCUT-Schneidbrenner sind das Ergebnis jahrelanger Erfahrung und intensiver Marktstudien sowie einer engen Zusammenarbeit mit wissenschaftlichen Instituten. Die neuen PLUSCUT-Brenner erfüllen die hohen Bedürfnisse der Anwender und liefern beste Schneidergebnisse. Sie wurden für den anspruchsvollen industriellen und professionellen Einsatz entwickelt.

**Nouvelle torche  
PLUSCUT [fr]**

Notre nouvelle torche PLUSCUT est le fruit d'années d'expérience et d'études de marché intensives en collaboration avec des instituts scientifiques. Notre nouvelle torche PLUSCUT répond aux besoins de tous les utilisateurs et offre les meilleurs résultats de coupe. Les torches PLUSCUT ont été développées pour les utilisations industrielles et professionnelles les plus exigeantes.

**Yeni PLUSCUT  
torçlarımız [tr]**

Yeni PLUSCUT torçlarımız, bilimsel enstitülerle işbirliği içinde yapılan yoğun çalışmaların ve yıllar içinde oluşan deneyimin bir sonucudur. Her kullanıcının ihtiyaçlarını karşılayacak ve aynı zamanda en iyi kesim sonuçlarını sunacak şekilde tasarlanmıştır. PLUSCUT torçlar, en zorlu endüstriyel ve profesyonel uygulamalar için geliştirilmiştir.





# New **PLUSCUT** torch

Our new PLUSCUT torch is the result of years of experience and intensive market studies in cooperation with scientific institutes. Our new PLUSCUT torch will satisfy the needs of every user and provides the best cut results. The PLUSCUT torches have been developed for the most demanding industrial and professional use.





#### **Qualità e risparmio sui costi [it]**

C'è una linea sottile tra la progettazione di un prodotto di qualità e il risparmio sui costi. Le torce PLUSCUT offrono entrambi. Garantiscono sia tagli veloci di altissima qualità che risparmi sui costi grazie al minor numero di ripetizioni del lavoro e al minor consumo delle parti di ricambio.

#### **Qualität und Kostenersparnisse [de]**

Es ist ein schmaler Grat zwischen der Entwicklung eines qualitativ hochwertigen Schneidbrenners mit hoher Schneidgeschwindigkeit und gleichzeitiger Kosteneinsparungen bei den Verschleißteilen. Die PLUSCUT-Schneidbrenner bieten Ihnen beides. Sie erzielen die besten, schnellsten Schnitte und sparen Kosten durch weniger Nacharbeit und geringeren Verbrauch bei den Verschleißteilen.

#### **Qualité et réduction des coûts [fr]**

Il y a une différence entre la conception et la fabrication d'un produit de qualité et la réduction des coûts. Les torches PLUSCUT offrent les deux. Vous obtiendrez des coupes optimales et rapides tout en réalisant des économies, avec moins de tâches répétées et moins de consommables utilisés.

#### **Kalite ve maliyet tasarrufu [tr]**

Kaliteli bir ürün tasarımı ile maliyet tasarrufu arasında ince bir çizgi vardır. PLUSCUT torçlar, size her ikisini de sağlar. Daha az tekrarlı çalışma ve daha az sarf malzemesi tüketimi ile en iyi ve hızlı kesimleri elde edecek ve böylece maliyetlerinizde gözle görülür tasarruf sağlayacaksınız.



# Quality and cost savings

There is a fine line between designing a quality manufactured product and cost savings. PLUSCUT torches provide you with both. You will achieve the best, fast cuts and save costs with less repeat work and less consumable consumption.



STANDARD



EXTENDED



GOUGING



#### Consumabili [it]

Le torce PLUSCUT sono adatte per un'ampia gamma di applicazioni, grazie alle versioni di consumabili per taglio "Standard" ed "Estesi" e a quelli per operazioni di "Scricatura". Tutte le torce sono disponibili con i kit di consumabili per 45A, 65A, 85A e 105A. Ogni kit è ottimizzato per i relativi processi e livelli di amperaggio. I nostri kit garantiscono alte prestazioni e, al tempo stesso, riducono il numero di parti di ricambio.

#### Verschleißteile [de]

PLUSCUT-Schneidbrenner sind für eine Vielzahl von Anwendungen geeignet, darunter „Standard“, „Extended“ und „Fugenhobeln“. Alle Schneidbrenner sind mit speziellen PLUSCUT-Verschleißteilen erhältlich. Die Verschleißteil-Kits sind erhältlich für 45A – 65A – 85A – 105A. Jedes Kit ist für die entsprechenden Prozesse und Amperestärken optimiert. Mit unseren optimierten Kits sorgen wir für hohe Leistung, während wir die Anzahl der Teile verringern.

#### Consommables [fr]

Les torches PLUSCUT sont adaptées à de nombreuses applications, dont « Standard », « Long » et « Gougeage ». Toutes les torches sont disponibles avec des kits de consommables spécialisés PLUSCUT. Les kits sont disponibles pour 45 A - 65 A - 85 A - 105 A. Chaque kit est optimisé pour les processus et les niveaux d'ampérage correspondants. Avec nos kits optimisés, nous assurons des performances élevées, tout en réduisant le nombre de pièces.

#### Sarf malzemeleri [tr]

PLUSCUT torçlar; "Standart", "Extended (Uzun)" ve "Oluk Açma" dahil olmak üzere çeşitli uygulamalar için idealdir. Tüm torçlar, PLUSCUT özel sarf malzemesi kitleriyle birlikte sunulur. 45A - 65A - 85A - 105A için kitler mevcuttur. Her kit, yönelik olduğu işlemler ve amper seviyeleri için optimize edilmiştir. Optimize edilmiş kitlerimizle, sarf malzemesi sayısını azaltırken aynı zamanda yüksek performans sunuyoruz.

# Consumables

---

PLUSCUT torches are suitable for a variety of applications, including 'Standard', 'Extended', and 'Gouging'. All of the torches are available with PLUSCUT specialized consumable kits. The kits are available for 45A - 65A - 85A - 105A. Each kit is optimized for its related processes and amperage levels. With our optimized kits we ensure high performance, while simplifying the number of parts.



**Alta precisione e un raffreddamento eccezionale [it]**

Eseguiamo numerosi studi e ricerche sui nostri materiali al fine di fornire ogni singolo componente con la massima precisione e rispettando le tolleranze più elevate. Il corpo torcia brevettato Trafimet garantisce risultati di taglio di alta precisione e un raffreddamento eccezionale. I nostri consumabili hanno una durata straordinariamente lunga. La versione di consumabili "estesa" (più lunga) consente di accedere facilmente a posizioni di taglio difficili.

**Hohe Präzision und hervorragende Kühlung [de]**

Wir haben viel in Forschung und Entwicklung investiert, um die präzisesten Verschleißteile mit den höchsten Toleranzen herzustellen. Mit unseren patentierten Trafimet-Schneidbrennerkörpern können wir hochpräzise Schneidergebnisse und eine hervorragende Kühlung erzielen. Unsere Verschleißteile haben eine außerordentliche und überdurchschnittliche lange Lebensdauer. Mit dem „Extended“ (längeren) Verschleißteilsortiment haben Sie einfachen Zugang zu schwierigen Schneidpositionen.

**Haute précision et superbe refroidissement [fr]**

Nous consacrons une quantité importante d'études et de recherches à nos consommables pour proposer les consommables manufacturés les plus précis avec les tolérances les plus élevées possibles. Avec nos têtes de torche brevetées Trafimet, nous pouvons obtenir des résultats de coupe de haute précision et un excellent refroidissement. Nos consommables bénéficient d'une durée de vie exceptionnelle. Avec la gamme de consommables « long » (prolongée), vous accéderez facilement aux positions de coupe difficiles.

**Yüksek hassasiyet ve mükemmel soğutma [tr]**

En yüksek toleranslarla en hassas şekilde üretilen sarf malzemelerini sunmak için sarf malzemeleri hakkında çok sayıda çalışma ve araştırma yaptık. Trafimet patentli torç boyunlarımızla, yüksek hassasiyetle kesim sonuçları ve mükemmel soğutma elde edebiliyoruz. Sarf malzemelerimiz olağanüstü derecede uzun bir ömre sahiptir. "Extended (Uzun)" sarf malzemesi yelpazesıyla, zorlu kesim pozisyonlarında kolayca erişim sağlayabilirsiniz.



A close-up, vertical view of a torch head. The top part is a teal-colored handle. Below it is a dark, textured sleeve. The lower section is a polished, copper-colored metal body with a series of fine vertical ridges. At the very bottom, there are small, protruding cutting tips.

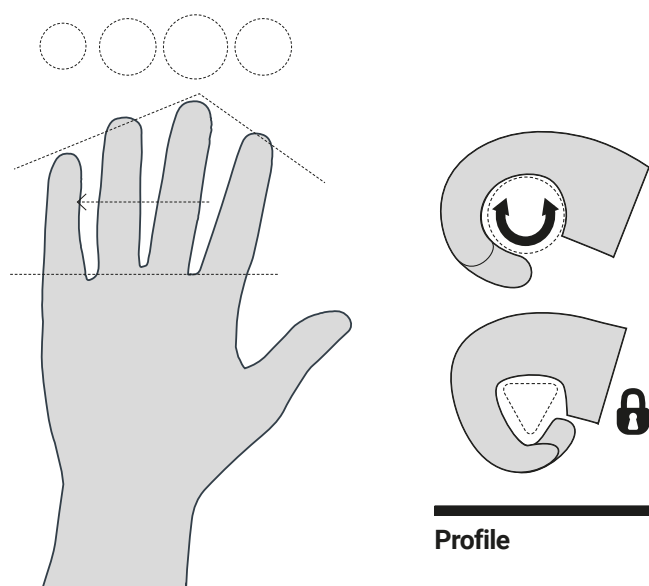
---

# High **precision** and superb **cooling**

We put a lot of studies and research into our consumables to provide the most precise manufactured consumables with the highest tolerances. Our patented Trafimet torch heads with Trafimet air flow technology we can achieve high precision cutting results and superb cooling. With Trafimet air flow technology, our consumables have an extraordinarily long lifetime. With the 'extended' (longer) consumables range, you will have easy access to difficult cutting positions.

# Ergonomics and user experience

With our two-component handle structure featuring a rubber surface, you will have full control of the torch and a precise grip in every cutting position. The industrial design and shape of the PLUSCUT handle is inspired by the human hand. The handle perfectly fits into the hand without moving during cutting.



Finger lenght

## Ergonomia ed esperienza [it]

La struttura dell'impugnatura a due componenti con superficie in gomma garantisce il pieno controllo della torcia e una presa accurata in tutte le posizioni di taglio. Il design industriale e la forma dell'impugnatura PLUSCUT si ispirano alla mano dello specialista. L'impugnatura si adatta perfettamente alla presa e non scivola durante il taglio.

## Ergonomie und Benutzererlebnis [de]

Mit unserem Zweikomponenten-Griff mit Gummioberfläche haben Sie die volle Kontrolle über den Schneidbrenner und einen präzisen Griff in jeder Schneidposition. Das industrielle Design und die Form des PLUSCUT-Griffs wurden von der menschlichen Hand inspiriert. Der Griff liegt perfekt in der Hand, ohne sich beim Schneiden zu bewegen.

## Ergonomie et expérience utilisateur [fr]

Grâce à notre structure de poignée à deux éléments dotée d'une surface en caoutchouc, vous aurez un contrôle total de la torche et une prise en main précise dans toutes les positions de coupe. Le design et la forme d'inspiration industrielle de la poignée PLUSCUT sont inspirés de la main humaine. La poignée tient parfaitement dans la main sans bouger pendant la coupe.

## Ergonomi ve kullanıcı deneyimi [tr]

Kauçuk bir yüzeye sahip iki bileşenli kabza yapımız ile torç üzerinde tam kontrol ve her kesim pozisyonunda hassas bir tutuşa sahip olacaksınız. PLUSCUT kabzanın endüstriyel tasarımı ve şekli insan elinden ilham alır. Kabza, kullanıcının eline mükemmel şekilde oturur ve kesim sırasında hareket etmez.



# Microswitch trigger

Our advanced microswitch triggers are designed for the best process security. With our new microswitch triggers you need less pressure on the trigger which means higher comfort during cutting. All microswitch triggers have IP67 rated protection.

**Pulsante micro switch** [it]  
I nostri avanzati pulsanti a microinterruttore sono progettati per garantire al prodotto la massima sicurezza. I nostri nuovi pulsanti a microinterruttore richiedono una pressione inferiore e, quindi, garantiscono un comfort maggiore durante il taglio. Tutti i microinterruttori hanno un livello di protezione pari a IP67.

**Mikroschalter-Brennertaster** [de]  
Unsere fortschrittlichen Mikroschalter sind für beste Prozesssicherheit konzipiert. Mit unseren neuen Mikroschaltern müssen Sie weniger Druck auf den Brennertaster ausüben, was mehr Komfort beim Schneiden bedeutet. Alle Mikroschalter sind IP67 geschützt.

**Microswitch pour la gâchette** [fr]  
Nos gâchettes à micro-interrupteur avancé sont conçues pour renforcer la sécurité des processus. Avec nos nouvelles gâchettes à micro-interrupteur, vous devrez appliquer moins de pression sur la gâchette, ce qui accroît le confort pendant la coupe. Toutes les gâchettes à micro-interrupteur bénéficient d'un indice de protection IP67.

**Mikro-switch tetik** [tr]  
Gelişmiş mikro-switch tetiklerimiz, en üst düzey işlem güvenliği için tasarlanmıştır. Yeni mikro-switch tetiklerimizle, tetiğe daha az basınç uygularsınız; bu da, kesim sırasında daha fazla konfor anlamına gelir. Tüm mikro-switch tetiklerimiz IP67 dereceli korumaya sahiptir.



Trigger



# Cable set options

PLUSCUT torches provide two cable choices for everybody's needs. Our coaxial cable with its robust design is the perfect match for harsh environments. The bending support reduces torque and protects the cable.

The PLUSCUT with cable assembly is the perfect match when maximum flexibility is needed, for example, with guided cutting. Due to the ball-joint, the cable freely rotates behind the handle. The soft leather lets the cable run smoothly even over sharp corners and enhances the flexibility of the cable assembly.



**Diverse opzioni di cavo [it]**

Le torce PLUSCUT offrono due scelte di cavi per soddisfare qualsiasi esigenza. Il nostro cavo coassiale con il suo design robusto è perfetto per ambienti difficili. Il supporto per la piegatura riduce la torsione e protegge il cavo.

Le torce PLUSCUT con il fascio cavo sono la soluzione perfetta quando è necessaria la massima flessibilità, ad esempio con il taglio guidato. Il giunto sferico consente al cavo di ruotare liberamente dietro all'impugnatura. Inoltre, grazie alla morbida pelle, il cavo può scorrere agevolmente anche su bordi taglienti e migliora la flessibilità del fascio cavo.

**Schlauchpaket-Optionen [de]**

PLUSCUT-Brenner bieten zwei Schlauchpaketvarianten für jeden Bedarf. Unser Koaxialkabel mit seinem robusten Design ist die perfekte Lösung für raue Umgebungen. Der Knickschutz erhöht die Flexibilität und schützt das Kabel. Das PLUSCUT Schlauchpaket mit separater Kabelführung ist die perfekte Lösung, wenn maximale Flexibilität gefragt ist, wie zum Beispiel beim geführten Schneiden. Dank des Kugelgelenks bewegt sich das Kabel frei hinter dem Griff. Das weiche Leder sorgt dafür, dass das Kabel reibungslos über scharfe Kanten gleitet und gleichzeitig erhöht es die Flexibilität.

**Differentes options de câble [fr]**

Les torches PLUSCUT offrent deux choix de câbles pour tous les besoins. Notre câble coaxial à la conception robuste est idéal pour les environnements difficiles. Le support souple réduit le couple et protège le câble.

La torche PLUSCUT avec ensemble de câble est une solution idéale lorsqu'une flexibilité maximale est requise, par exemple lors d'une coupe guidée. Grâce à la rotule, le câble tourne librement derrière la poignée. Le cuir souple permet le déplacement fluide du câble, même dans les angles vifs, tout en améliorant la flexibilité de l'ensemble de câble.

**Kablo seçenekleri [tr]**

PLUSCUT torçlar, herkesin ihtiyacına uygun iki kablo seçeneği sunar. Sağlam bir tasarıma sahip koaksiyel kablomuz, zorlu ortamlar için mükemmel seçimdir. Koaksiyel kabloya özel yaylı kabza mafsali torku azaltır ve kabloyu korur. Kablo setli PLUSCUT, kılavuzlu/şablonlu kesim gibi maksimum esneklik gerektiren işlemler için mükemmel seçimdir. Toplu mafsal sayesinde kablo, kabzanın arkasında serbestçe döner. Yumuşak deri, kabloun keskin köşelerde dahi sorunsuz bir şekilde hareket etmesini sağlar ve kablo setinin esnekliğini artırır.



# The **connectors**

The PLUSCUT torches are standardized and are either available with a central connection or our patented Trafimector. With the central connection as a global standard, our torches fit most machines on the market.



**Connettori [ it ]**

Le torce PLUSCUT sono disponibili con lo standard collegamento centralizzato o con il nostro Trafimector brevettato.

Con il classico collegamento centralizzato, le nostre torce si adattano alla maggior parte delle macchine disponibili sul mercato.

**Connecteurs [ fr ]**

Les torches PLUSCUT sont standardisées et disponibles avec une connexion centrale ou notre dispositif breveté Trafimector.

La connexion centrale étant une norme internationale, nos torches s'adaptent à la plupart des machines du marché.

**Anschlüsse [ de ]**

Die PLUSCUT-Brenner sind entweder mit einem Zentralanschluss oder unserem patentierten TRAFIMECTOR® erhältlich.

Mit dem Zentralanschluss als globalem Standard passen unsere Brenner zu den meisten Maschinen im Markt.

**Bağlantılar [ tr ]**

PLUSCUT torçlar, "Merkezi bağlantı" ya da patentli "Trafimector" seçenekleri ile satışa sunulmaktadır.

Dünya çapında bir standart haline gelen merkezi bağlantıya sahip torçlarımız pazardaki bir çok makine ile uyumludur.



# Trafimector

The Trafimector is the most advanced and innovative plasma connector on the market. With the unique Trafimector, the torch can be plugged or unplugged from the machine with one hand while still adhering to the highest safety standards and regulations. No tools needed.

**Trafimector [ it ]**

Il Trafimector è il connettore al plasma più avanzato e innovativo sul mercato. Grazie all'esclusivo Trafimector, la torcia può essere collegata alla macchina o scollegata da essa con una sola mano, nel rispetto degli standard e delle normative di sicurezza più elevati. Non sono necessari strumenti.

**Trafimector [ de ]**

Der TRAFIMECTOR® ist der fortschrittlichste und innovativste Plasmaanschluss auf dem Markt. Mit dem einzigartigen TRAFIMECTOR® kann der Brenner mit einer Hand an die Maschine angeschlossen oder von ihr getrennt werden, wobei die höchsten Sicherheitsstandards und -vorschriften eingehalten werden. Kein Werkzeug erforderlich.

**Trafimector [ fr ]**

Le Trafimector est le connecteur plasma le plus évolué et le plus innovant du marché. Avec le dispositif unique Trafimector, la torche peut être branchée ou débranchée de la machine d'une seule main tout en respectant les normes et les réglementations de sécurité les plus élevées. Aucun outil n'est nécessaire.

**Trafimector [ tr ]**

Trafimector, piyasadaki en gelişmiş ve yenilikçi plazma kesim bağlantısıdır. Eşsiz Trafimector ile en yüksek güvenlik standartlarına ve yönetmeliklerine uygun bir şekilde hiçbir ekstra alet gerektirmeden torcunuzu tek elle makineye takıp makineden çıkartabileceksiniz.

## PLUSCUT 85

CE EN60974-7



| COAXIAL CABLE   |      |       |                 |
|-----------------|------|-------|-----------------|
| CODE            |      |       |                 |
| PAP306M-004-SA3 | 6 m  | 19.7' | CENTRAL 004     |
| PAP312M-004-SA3 | 12 m | 39.4' |                 |
| PAP306M-304-SA3 | 6 m  | 19.7' | TRAFIMECTOR 304 |
| PAP312M-304-SA3 | 12 m | 39.4' |                 |

| CABLE ASSEMBLY  |      |       |                 |
|-----------------|------|-------|-----------------|
| CODE            |      |       |                 |
| PAP306M-004-SC3 | 6 m  | 19.7' | CENTRAL 004     |
| PAP312M-004-SC3 | 12 m | 39.4' |                 |
| PAP306M-304-SC3 | 6 m  | 19.7' | TRAFIMECTOR 304 |
| PAP312M-304-SC3 | 12 m | 39.4' |                 |

For Central 004 and Trafimector 304 pin connection scheme please see the relevant page.

### CONSUMABLE KITS

| CODE   |                                                                                     |                     |   |
|--------|-------------------------------------------------------------------------------------|---------------------|---|
| PT1045 |  | 45 A consumable kit | 1 |
| PT1065 |                                                                                     | 65 A consumable kit | 1 |
| PT1085 |                                                                                     | 85 A consumable kit | 1 |



| TECHNICAL DATA                                                                       |                           |      |      |
|--------------------------------------------------------------------------------------|---------------------------|------|------|
| NO HF                                                                                | 45 A                      | 65 A | 85 A |
|    | 0,6 kg                    |      |      |
|                                                                                      | 1.32 lb                   |      |      |
|    | 500                       |      |      |
|    | min. 4,5 - max. 5,0 bar   |      |      |
|    | 225 l/min @ 5 bar         |      |      |
|    | Compressed air            |      |      |
|    | 100%                      | 100% | 100% |
|   | Max. Clean<br>@ 25cm/min. | 10mm | 22mm |
|  | Maximum                   | 15mm | 26mm |
|  | Severance                 | 20mm | 30mm |
|  | Pierce                    | 12mm | 16mm |



## CONSUMABLES FOR CUTTING (STANDARD)

|   | CODE      |  | Ø              |  | CONSUMABLE KIT CONTENT |        |        | PCS X  |  X  |
|---|-----------|-----------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------|------------------------|--------|--------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |           |                                                                                   |                |                                                                                   | PT1045                 | PT1065 | PT1085 |                                                                                           |                                                                                                                                                                           |
|   |           |                                                                                   |                |                                                                                   | 45 A                   | 65 A   | 85 A   |                                                                                           |                                                                                                                                                                           |
| 1 | CV0384P   |  |                | 24,4 mm                                                                           | •                      | •      | •      | 1                                                                                         | 2                                                                                                                                                                         |
| 2 | PC0371P   |  |                | 34,8 mm                                                                           | •                      | •      | •      | 1                                                                                         | 2                                                                                                                                                                         |
| 3 | PD0403P09 |  | 0,95 mm 0,037" | 16,6 mm                                                                           | •                      |        |        | 5                                                                                         | 2                                                                                                                                                                         |
| 3 | PD0403P12 |  | 1,2 mm 0,047"  | 16,6 mm                                                                           |                        | •      |        | 5                                                                                         | 2                                                                                                                                                                         |
| 3 | PD0403P13 |  | 1,35 mm 0,053" | 16,9 mm                                                                           |                        |        | •      | 5                                                                                         | 2                                                                                                                                                                         |
| 4 | PE0363P   |  |                | 23 mm                                                                             | •                      | •      | •      | 1                                                                                         | 2                                                                                                                                                                         |
| 5 | PR0362P   |  |                | 29,5 mm                                                                           | •                      | •      | •      | 5                                                                                         | 2                                                                                                                                                                         |

## CONSUMABLES FOR CUTTING (EXTENDED)

|   | CODE      |    | 65 A | 85 A | PCS X  |  X  |
|---|-----------|-------------------------------------------------------------------------------------|------|------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | CV0385P   |    | •    | •    | 1                                                                                       | 2                                                                                                                                                                     |
| 2 | PC0371P   |    | •    | •    | 1                                                                                       | 2                                                                                                                                                                     |
| 3 | PD0406P12 |   | •    |      | 5                                                                                       | 2                                                                                                                                                                     |
| 3 | PD0406P13 |  |      | •    | 5                                                                                       | 2                                                                                                                                                                     |
| 4 | PE0363P   |  | •    | •    | 1                                                                                       | 2                                                                                                                                                                     |
| 5 | PR0363P   |  | •    | •    | 5                                                                                       | 2                                                                                                                                                                     |

## CONSUMABLES FOR GOUGING

|   | CODE      |    | 65 A | 85 A | PCS X  |  X  |
|---|-----------|---------------------------------------------------------------------------------------|------|------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | CV0386P   |    | •    | •    | 1                                                                                         | 2                                                                                                                                                                         |
| 2 | PC0371P   |    | •    | •    | 1                                                                                         | 2                                                                                                                                                                         |
| 3 | PD0409P11 |   | •    |      | 5                                                                                         | 2                                                                                                                                                                         |
| 3 | PD0409P13 |  |      | •    | 5                                                                                         | 2                                                                                                                                                                         |
| 4 | PE0363P   |  | •    | •    | 1                                                                                         | 2                                                                                                                                                                         |
| 5 | PR0362P   |  | •    | •    | 5                                                                                         | 2                                                                                                                                                                         |

|    | CODE    |  |  |  |
|----|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 6  | FH1716P |  | air tube                                                                            | 2                                                                                   |
| 7  | EA1920  |  | o-ring                                                                              | 5                                                                                   |
| 7  | PF1390  |  | torch head                                                                          | 1                                                                                   |
| 8  | BX0917  |  | trigger/lever kit with microswitch                                                  | 1                                                                                   |
| 8  | PT0366  |  | microswitch kit                                                                     | 1                                                                                   |
| 9  | TP0320  |  | handle with screws                                                                  | 1                                                                                   |
| 10 | BW0311  |  | ball joint for cable assembly                                                       | 1                                                                                   |

|    | CODE      |  |  |  |
|----|-----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 10 | EA2367    |  | spring for coaxial cable                                                              | 1                                                                                     |
| 11 | PH0930-06 |  | coaxial cable - 6 m / 19.7' - 1/4 G                                                   | 1                                                                                     |
| 11 | PH0930-12 |  | coaxial cable - 12m / 39.4' - 1/4 G                                                   | 1                                                                                     |
| 11 | PH4170-06 |  | cable assembly - 6 m / 19.7' - 1/4 G                                                  | 1                                                                                     |
| 11 | PH4170-12 |  | cable assembly - 12 m / 39.4' - 1/4 G                                                 | 1                                                                                     |
| 12 | FY0043    |  | plasma central adaptor - 5 pins                                                       | 1                                                                                     |
| 12 | FY0090    |  | TRAFIMECTOR® central adaptor - torch side                                             | 1                                                                                     |

# PLUSCUT 105

CE EN60974-7



| COAXIAL CABLE   |      |       |                                                                                   |
|-----------------|------|-------|-----------------------------------------------------------------------------------|
| CODE            |      |       |                                                                                   |
| PAP406M-004-SA3 | 6 m  | 19.7' |  |
| PAP412M-004-SA3 | 12 m | 39.4' |                                                                                   |
| PAP406M-304-SA3 | 6 m  | 19.7' |  |
| PAP412M-304-SA3 | 12 m | 39.4' |                                                                                   |

| CABLE ASSEMBLY  |      |       |                                                                                     |
|-----------------|------|-------|-------------------------------------------------------------------------------------|
| CODE            |      |       |                                                                                     |
| PAP406M-004-SC3 | 6 m  | 19.7' |  |
| PAP412M-004-SC3 | 12 m | 39.4' |                                                                                     |
| PAP406M-304-SC3 | 6 m  | 19.7' |  |
| PAP412M-304-SC3 | 12 m | 39.4' |                                                                                     |

For Central 004 and Trafimector 304 pin connection scheme please see the relevant page.

## CONSUMABLE KITS

| CODE   |                                                                                     |                      |   |
|--------|-------------------------------------------------------------------------------------|----------------------|---|
| PT1105 |  | 105 A consumable kit | 1 |



| TECHNICAL DATA                                                                          |                         |
|-----------------------------------------------------------------------------------------|-------------------------|
|  NO HF | 105 A                   |
|        | 0,6 kg                  |
|                                                                                         | 1.32 lb                 |
|        | 500                     |
|        | min. 4,5 - max. 5,0 bar |
|        | 250 l/min @ 5 bar       |
|        | Compressed air          |
|        | 100%                    |
|       | Max. Clean @ 25cm/min.  |
|      | Maximum                 |
|      | Severance               |
|      | Pierce                  |





## CONSUMABLES FOR CUTTING (STANDARD)

|   | CODE      |  | Ø                |  |  | CONSUMABLE KIT CONTENT                                                            | PCS X  |  X  |
|---|-----------|-----------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |           |                                                                                   |                  |                                                                                   |  | PT1105                                                                            |                                                                                           |                                                                                                                                                                           |
|   |           |                                                                                   |                  |                                                                                   |  | 105 A                                                                             |                                                                                           |                                                                                                                                                                           |
| 1 | CV0383P   |  |                  | 25 mm                                                                             |  |  | 1                                                                                         | 2                                                                                                                                                                         |
| 2 | PC0370P   |  |                  | 34,8 mm                                                                           |  |  | 1                                                                                         | 2                                                                                                                                                                         |
| 3 | PD0402P15 |  | 1,5 mm    0,059" | 17,5 mm                                                                           |  |  | 5                                                                                         | 2                                                                                                                                                                         |
| 4 | PE0362P   |  |                  | 23 mm                                                                             |  |  | 1                                                                                         | 2                                                                                                                                                                         |
| 5 | PR0362P   |  |                  | 29,5 mm                                                                           |  |  | 5                                                                                         | 2                                                                                                                                                                         |

## CONSUMABLES FOR CUTTING (EXTENDED)

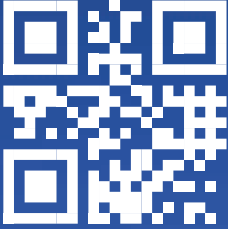
|   | CODE      |  | 105 A | PCS X  |  X  |
|---|-----------|-----------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | CV0385P   |  | •     | 1                                                                                       | 2                                                                                                                                                                     |
| 2 | PC0370P   |  | •     | 1                                                                                       | 2                                                                                                                                                                     |
| 3 | PD0406P15 |  | •     | 5                                                                                       | 2                                                                                                                                                                     |
| 4 | PE0362P   |  | •     | 1                                                                                       | 2                                                                                                                                                                     |
| 5 | PR0363P   |  | •     | 5                                                                                       | 2                                                                                                                                                                     |

## CONSUMABLES FOR GOUGING

|   | CODE      |   | 105 A | PCS X  |  X  |
|---|-----------|-------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | CV0388P   |  | •     | 1                                                                                         | 2                                                                                                                                                                         |
| 2 | PC0370P   |  | •     | 1                                                                                         | 2                                                                                                                                                                         |
| 3 | PD0410P14 |  | •     | 5                                                                                         | 2                                                                                                                                                                         |
| 4 | PE0362P   |  | •     | 1                                                                                         | 2                                                                                                                                                                         |
| 5 | PR0362P   |  | •     | 5                                                                                         | 2                                                                                                                                                                         |

|    | CODE    |  |  |  |
|----|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 6  | FH1716P |  | air tube                                                                            | 4                                                                                   |
| 7  | EA1920  |  | o-ring                                                                              | 5                                                                                   |
| 7  | PF1390  |  | torch head                                                                          | 1                                                                                   |
| 8  | BX0917  |  | trigger/lever kit with microswitch                                                  | 1                                                                                   |
| 8  | PT0366  |  | microswitch kit                                                                     | 1                                                                                   |
| 9  | TP0320  |  | handle with screws                                                                  | 1                                                                                   |
| 10 | BW0311  |  | ball joint for cable assembly                                                       | 1                                                                                   |

|    | CODE      |   |  |  |
|----|-----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 10 | EA2367    |  | spring for coaxial cable                                                              | 1                                                                                     |
| 11 | PH0930-06 |  | coaxial cable - 6 m / 19.7' - 1/4 G                                                   | 1                                                                                     |
| 11 | PH0930-12 |  | coaxial cable - 12m / 39.4' - 1/4 G                                                   | 1                                                                                     |
| 11 | PH4170-06 |  | cable assembly - 6 m / 19.7' - 1/4 G                                                  | 1                                                                                     |
| 11 | PH4170-12 |  | cable assembly - 12 m / 39.4' - 1/4 G                                                 | 1                                                                                     |
| 12 | FY0043    |  | plasma central adaptor - 5 pins                                                       | 1                                                                                     |
| 12 | FY0090    |  | TRAFIMECTOR® central adaptor - torch side                                             | 1                                                                                     |

**Trafimet Group Spa**

Via del Lavoro, 8  
36020 Castegnero  
Vicenza, Italy  
Ph. +39 0444739900  
Fax +39 0444739999  
info@trafimet.com

**Trafimet Schweisstechnik GmbH**

Im Gewerbegebiet 20  
36289 Friedewald  
Deutschland  
Ph. +49 66749000  
Fax +49 667490028  
info@trafimet.de

**Trafimet Kaynak Sistemleri A.Ş.**

İkitelli O.S.B. Heskop H Blok  
Sinpaş İş Modern Ticaret Merkezi  
Kat.3 No.66 Başakşehir 34490  
İstanbul, Türkiye  
Ph. +90 212 8091700  
Fax +90 212 8091703  
info@trafimet.com.tr

**Italy**

Ph. +39 0444 739800  
Fax +39 0444 739899

**Export**

Ph. +39 0444 739900  
Fax +39 0444 739999

© 2022 Trafimet Group SpA a socio unico  
Edition 01/2022  
CodeEA2773

All Trademarks are exclusive property of the respective companies.  
Data and images are indicative and may be changed in any time without notice

Distributor