

## Automatenschweißbrenner Automatic Welding Torch



### Technische Daten: PPW-AUT 400 W

Belastung: 400 A CO<sub>2</sub> (nach EN 60 974-7)  
350 A ArCO<sub>2</sub> / M21  
Einschaltdauer: @ 100%  
Draht-ø: 0,8-1,6 mm

| Artikel Nr. / Einzelheiten | 6 m      | 8 m      | 10 m      |
|----------------------------|----------|----------|-----------|
| mit Brennerhals gerade     | 2726001A | 2728001A | 27210001A |
| mit Brennerhals 45°        | 2726002A | 2728002A | 27210002A |

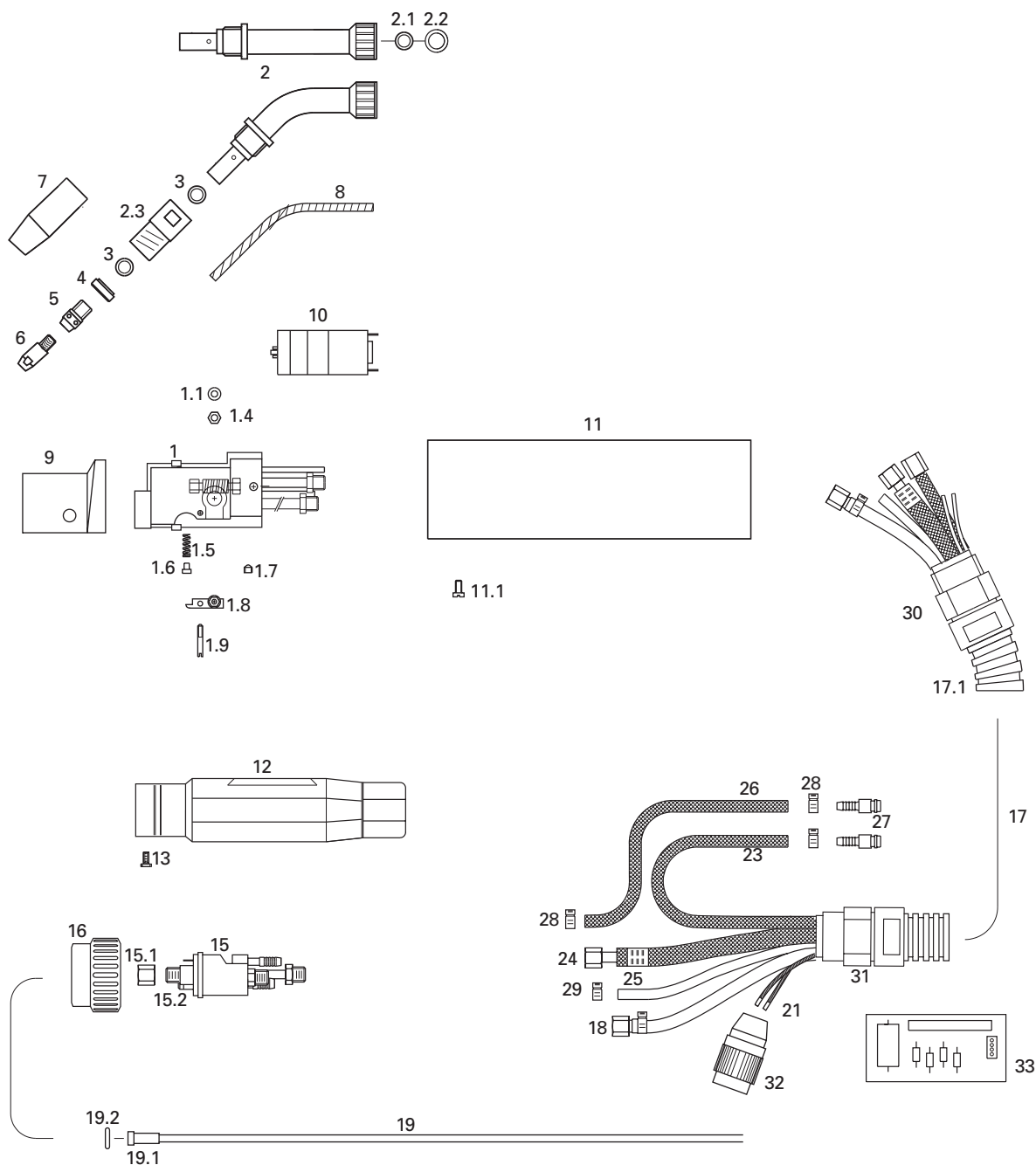
### Technical Data: PPW-AUT 400 W

Rating: 400 A CO<sub>2</sub> (accor. to EN 60 974-7)  
350 A ArCO<sub>2</sub> / M21  
Duty Cycle: @ 100%  
Wire Diameter: 0.8 - 1.6 mm

| Part Number / Details | 6 m      | 8 m      | 10 m      |
|-----------------------|----------|----------|-----------|
| with straight neck    | 2726001A | 2728001A | 27210001A |
| with 45° neck         | 2726002A | 2728002A | 27210002A |

# Automatenschweißbrenner

## Automatic Welding Torch



|   |                                         |                                                      |           |
|---|-----------------------------------------|------------------------------------------------------|-----------|
| 1 | <b>Brennerteile</b><br>Torch Components | Grundkörper PPW-AUT 400<br>Basic Element PPW-AUT 400 | 2720100S1 |
|---|-----------------------------------------|------------------------------------------------------|-----------|

|     |  |                                                                                 |         |
|-----|--|---------------------------------------------------------------------------------|---------|
| 1.1 |  | Drahtförderrolle 0,8 mm für Stahl / Alu<br>Drive Roll Steel / Aluminum Ø 0.8 mm | 2672408 |
|     |  | Drahtförderrolle 0,9 mm für Stahl / Alu<br>Drive Roll Steel / Aluminum Ø 0.9 mm | 2672409 |
|     |  | Drahtförderrolle 1,0 mm für Stahl / Alu<br>Drive Roll Steel / Aluminum Ø 1.0 mm | 2672410 |
|     |  | Drahtförderrolle 1,2 mm für Stahl / Alu<br>Drive Roll Steel / Aluminum Ø 1.2 mm | 2672412 |

|     |                                    |                                                                                |           |          |
|-----|------------------------------------|--------------------------------------------------------------------------------|-----------|----------|
| 1.4 | Brennerteile<br>Torch Components   | Mutter<br>Nut                                                                  | 0042601   |          |
| 1.5 |                                    | Gegendruckfeder<br>Spring                                                      | 2672500   |          |
| 1.6 |                                    | Bolzen<br>Bolt                                                                 | 2672501   |          |
| 1.7 |                                    | Gewindestift<br>Screw                                                          | 0052601   |          |
| 1.8 |                                    | Druckhebel, kpl.<br>Counterpart, cpl.                                          | 2672700   |          |
| 1.9 |                                    | Achse<br>Axle                                                                  | 2672701   |          |
| 2   |                                    | Brennerhals PPW-FKS 45°<br>Swan Neck PPW-AUT 400-45°                           | 2720200S4 |          |
|     |                                    | Brennerhals PPW-FKS gerade<br>Swan Neck PPW-AUT 400-straight                   | 2720200S6 |          |
| 2.1 |                                    | O-Ring<br>O-Ring                                                               | 2720201   |          |
| 2.2 |                                    | O-Ring<br>O-Ring                                                               | 2720202   |          |
| 2.3 |                                    | Wassermantel für schraubbare Gasduse<br>Water cooling Unit for screw-on Nozzle | 2530500S1 |          |
| 3   |                                    | O-Ring<br>O-Ring                                                               | 0122500   |          |
| 4   |                                    | Isolerring<br>Insulating Ring                                                  | 2530201   |          |
| 5   |                                    | Düsenstock M 8<br>Tip Holder M 8                                               | 2530408S2 |          |
| 6   | Stromdüsen<br>Current Contact Tips | Kontaktdüse M 8 x 30 - 0,8 mm<br>Contact Tip M 8 x 30 - 0.8 mm                 | 2410608   | 140.0114 |
|     |                                    | Kontaktdüse M 8 x 30 - 0,9 mm<br>Contact Tip M 8 x 30 - 0.9 mm                 | 2410609   | 140.0214 |
|     |                                    | Kontaktdüse M 8 x 30 - 1,0 mm<br>Contact Tip M 8 x 30 - 1.0 mm                 | 2410610   | 140.0313 |
|     |                                    | Kontaktdüse M 8 x 30 - 1,2 mm<br>Contact Tip M 8 x 30 - 1.2 mm                 | 2410612   | 140.0442 |
|     |                                    | Kontaktdüse M 8 x 30 - 1,4 mm<br>Contact Tip M 8 x 30 - 1.4 mm                 | 2410614   | 140.0533 |
|     |                                    | Kontaktdüse M 8 x 30 - 1,6 mm<br>Contact Tip M 8 x 30 - 1.6 mm                 | 2410616   | 140.0587 |

|      |                                    |                                                                                                                                                                       |           |          |
|------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|
|      | Stromdüsen<br>Current Contact Tips | Kontaktdüse M 8 x 30 - 0,8 mm ALU<br>Contact Tip M 8 x 30 - 0.8 mm ALU                                                                                                | 2416608   | 141.0003 |
|      |                                    | Kontaktdüse M 8 x 30 - 0,9 mm ALU<br>Contact Tip M 8 x 30 - 0.9 mm ALU                                                                                                | 2416609   |          |
|      |                                    | Kontaktdüse M 8 x 30 - 1,0 mm ALU<br>Contact Tip M 8 x 30 - 1.0 mm ALU                                                                                                | 2416610   | 141.0008 |
|      |                                    | Kontaktdüse M 8 x 30 - 1,2 mm ALU<br>Contact Tip M 8 x 30 - 1.2 mm ALU                                                                                                | 2416612   | 141.0015 |
|      |                                    | Kontaktdüse M 8 x 30 - 1,4 mm ALU<br>Contact Tip M 8 x 30 - 1.4 mm ALU                                                                                                | 2416614   |          |
|      |                                    | Kontaktdüse M 8 x 30 - 1,6 mm ALU<br>Contact Tip M 8 x 30 - 1.6 mm ALU                                                                                                | 2416616   | 141.0022 |
|      |                                    | Kontaktdüse CuCrZr M 8 x 30 - 0,8 mm<br>Contact Tip CuCrZr M 8 x 30 - 0.8 mm                                                                                          | 2417608   | 140.0117 |
|      |                                    | Kontaktdüse CuCrZr M 8 x 30 - 0,9 mm<br>Contact Tip CuCrZr M 8 x 30 - 0.9 mm                                                                                          | 2417609   | 140.0180 |
|      |                                    | Kontaktdüse CuCrZr M 8 x 30 - 1,0 mm<br>Contact Tip CuCrZr M 8 x 30 - 1.0 mm                                                                                          | 2417610   | 140.0316 |
|      |                                    | Kontaktdüse CuCrZr M 8 x 30 - 1,2 mm<br>Contact Tip CuCrZr M 8 x 30 - 1.2 mm                                                                                          | 2417612   | 140.0445 |
|      |                                    | Kontaktdüse CuCrZr M 8 x 30 - 1,4 mm<br>Contact Tip CuCrZr M 8 x 30 - 1.4 mm                                                                                          | 2417614   | 140.0536 |
|      |                                    | Kontaktdüse CuCrZr M 8 x 30 - 1,6 mm<br>Contact Tip CuCrZr M 8 x 30 - 1.6 mm                                                                                          | 2417616   | 140.0590 |
| 7    | Gasdüsen<br>Gas Nozzles            | Gasdüse, schraubbar, zylindrisch<br>Gas Nozzle, screw on, cylindrical                                                                                                 | 2530805S  |          |
|      |                                    | Gasdüse, schraubbar, konisch<br>Gas Nozzle, screw on, conical                                                                                                         | 2530801S  |          |
| 8    |                                    | Drahtführungsseele, Messing<br>Neck Liner, Brass                                                                                                                      | 2720205   |          |
| 9    |                                    | Verschlusskappe, bestehend aus:<br>linke + rechte Hälfte (nur beide Teile erhältlich)<br>Insulating Cap, consists of<br>left + right half (only both parts available) | 2720400S1 |          |
| 10   |                                    | Motor, kpl. mit Flansch<br>Motor, cpl. with flange                                                                                                                    | 2670501   |          |
| 11   |                                    | Griffrohr AUT<br>Handle Tube AUT                                                                                                                                      | 2720110   |          |
| 11.1 |                                    | Schraube<br>Screw                                                                                                                                                     | 0040801   |          |
| 12   |                                    | Knickschutz 3-T PPW-AUT 400<br>Gun Plug Housing PPW-AUT 400                                                                                                           | 2411600S2 |          |
| 13   |                                    | Schraube<br>Screw                                                                                                                                                     | 0040601   |          |

|      |                                 |                                                                             |           |
|------|---------------------------------|-----------------------------------------------------------------------------|-----------|
| 15   |                                 | ZA-Stecker, Wasser<br>Gun Plug Body, water cooled (Euro)                    | 2411500   |
| 15.1 |                                 | Ms-Überwurfmutter<br>Liner Positioner Nut                                   | 2151501   |
| 15.2 |                                 | O-Ring<br>O-Ring                                                            | 0041000   |
| 16   |                                 | Anschlußmutter<br>Plug Nut                                                  | 2151700   |
| 17   | Schlauchpaket<br>Cable Assembly | Schlauchpaket kpl. 6 m PPW-AUT 400<br>Cable Assembly cpl. 6 m PPW-AUT 400   | 2723960PA |
|      |                                 | Schlauchpaket kpl. 8 m PPW-AUT 400<br>Cable Assembly cpl. 8 m PPW-AUT 400   | 2723980PA |
|      |                                 | Schlauchpaket kpl. 10 m PPW-AUT 400<br>Cable Assembly cpl. 10 m PPW-AUT 400 | 2723900PA |
| 17.1 |                                 | Überzugschlauch 6 m PPW-AUT 400<br>Cover Hose 6 m PPW-AUT 400               | 2724060PA |
|      |                                 | Überzugschlauch 8 m PPW-AUT 400<br>Cover Hose 8 m PPW-AUT 400               | 2724080PA |
|      |                                 | Überzugschlauch 10m PPW-AUT 400<br>Cover Hose 10 m PPW-AUT 400              | 2724000PA |
| 18   |                                 | Drahttransportschlauch, kpl. 6 m<br>Wire Conduit, cpl. 6 m                  | 2721860   |
|      |                                 | Drahttransportschlauch, kpl. 8 m<br>Wire Conduit, cpl. 8 m                  | 2721880   |
|      |                                 | Drahttransportschlauch, kpl. 10 m<br>Wire Conduit, cpl. 10 m                | 2721800   |
| 19   |                                 | Teflonseele (Meterware) 2,0 x 4,0 rot<br>Teflon Liner 2.0 x 4.0 (per Meter) | 3412000   |
|      |                                 | PA-Seele (Meterware) 2,0 x 4,0<br>PA-Liner 2.0 x 4.0 (per Meter)            | 3522000   |
|      |                                 | PA-Seele (Meterware) 2,3 x 4,7<br>PA-Liner 2.3 x 4.7 (per Meter)            | 3532300   |
| 19.1 |                                 | Haltenippel für Teflonseele 4,0<br>Collet for Liner 4.0                     | 2155740   |
|      |                                 | Haltenippel für Teflonseele 4,7<br>Collet for Liner 4.7                     | 2415747   |
| 19.2 |                                 | O-Ring<br>O-Ring                                                            | 0031500   |
| 21   |                                 | Motorsteuerleitung (Meterware)<br>Motor Wire (per Meter)                    | 2724400   |

|    |                                 |                                                                |          |
|----|---------------------------------|----------------------------------------------------------------|----------|
| 23 | Schlauchpaket<br>Cable Assembly | Wasservorlaufschlauch, kpl. 6 m                                | 2724260  |
|    |                                 | Water-Inlet-Hose, cpl. 6 m                                     |          |
|    |                                 | Wasservorlaufschlauch, kpl. 8 m                                | 2724280  |
|    |                                 | Water-Inlet-Hose, cpl. 8 m                                     |          |
|    |                                 | Wasservorlaufschlauch, kpl. 10 m                               | 2724200  |
|    |                                 | Water-Inlet-Hose, cpl. 10 m                                    |          |
| 24 |                                 | Stromwasserkabel, kpl. 6 m                                     | 2721960  |
|    |                                 | Power-Water-Cable 6 m                                          |          |
|    |                                 | Stromwasserkabel, kpl. 8 m                                     | 2721980  |
|    |                                 | Power-Water-Cable 8 m                                          |          |
|    |                                 | Stromwasserkabel, kpl. 10 m                                    | 2721900  |
|    |                                 | Power-Water-Cable 10 m                                         |          |
| 25 |                                 | Gasschlauch, kpl. 6 m                                          | 2724360  |
|    |                                 | Gas Hose, cpl. 6 m                                             |          |
|    |                                 | Gasschlauch, kpl. 8 m                                          | 2724380  |
|    |                                 | Gas Hose, cpl. 8 m                                             |          |
|    |                                 | Gasschlauch, kpl. 10 m                                         | 2724300  |
|    |                                 | Gas Hose, cpl. 10 m                                            |          |
| 26 |                                 | Wasserrücklaufschlauch, kpl. 0,55 m                            | 2414705  |
|    |                                 | Water Outlet Hose cpl. 0.55 m                                  |          |
| 27 |                                 | Wasser-Stecknippel                                             | 2990800  |
|    |                                 | Water Hose Nipple                                              |          |
| 28 |                                 | Einohrklemme 9,5                                               | 0321095  |
|    |                                 | Single Ear Clamp                                               |          |
| 29 |                                 | Einohrklemme 10,0                                              | 0321100  |
|    |                                 | Single Ear Clamp                                               |          |
| 30 |                                 | Verschraubung brennerseitig                                    | 35004999 |
|    |                                 | Connector torch-side                                           |          |
| 31 |                                 | Verschraubung maschinenseitig                                  | 35004991 |
|    |                                 | Connector plug-side                                            |          |
| 32 |                                 | Tuchelstecker, 5-polig (Standard,<br>andere Versionen möglich) | T3012002 |
|    |                                 | Tuchel plug 5-pole (standard,<br>other connections available)  |          |
|    |                                 |                                                                |          |
|    |                                 |                                                                |          |
| 33 |                                 | Steuerplatine PP                                               | 2662100  |
|    |                                 | Printed Circuit Board (PCB) 42 V                               |          |