

SIMPLY WELDING.
ROBOT WELDING TORCHES

You would like to weld MIG / MAG / TIG with a robot? We offer you the solution. Easy to change and optimised for use and connection with our robots.



ONE TORCH CONCEPT FOR ALL HOSE PACKAGES AND WELDING APPLICATIONS



COMPACT TIG TORCHES FOR YOUR COMPLEX COMPONENTS



THE AUTOMOTIVE TORCH ALLOWS A SUPERIOR ACCESSIBILITY



SLIM AND LIGHT CONSTRUCTION

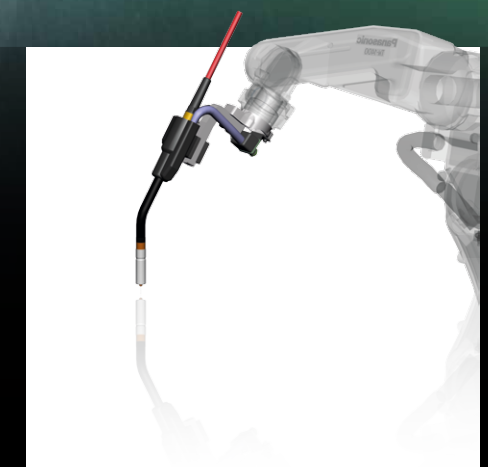


PERFORMANCE RANGE (DUTY CYCLE) UP TO 500 A AT 100%



GAS AND LIQUID COOLED

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Do you want to avoid interface problems? Then our modular robot welding torches are the solution. True to our principle "everything from one manufacturer" - from the contact tip to the total solution.



TECHNICAL SPECIFICATIONS.

| | MIG / MAG TORCHES | | | ACTIVE TORCHES | | | SUPER ACTIVE TORCHES | | | WIG TORCHES | | | |
|---------------------------------|--|--|--|------------------------------|------------------------------|-----------------------|--|---|--|--------------------------------|--------------------------------|--------------------------------------|--------------------------------------|
| TYPE | ATU* WSAT* SERIES 350A | ATU* WSAT* SERIES 400A | ATU* WSAT* SERIES 500A | CET351 SERIES | CEW401 SERIES | MET351 SERIES | CJT351 SERIES | CJW401 SERIES | MJT351 SERIES | WSAXU00008ZZ / WSAXU00015ZZ | WSAXU00009ZZ / WSAXU00016ZZ | WSAXU00128ZZ / WSAXU00141ZZ | WSAXU00119ZZ / WSAXU00140ZZ |
| COOLING METHOD | GAS | LIQUID | LIQUID | GAS | LIQUID | LIQUID | GAS | LIQUID | LIQUID | GAS | LIQUID | GAS | LIQUID |
| DUTY CYCLE CO2 (TIG AR 100%) | 350A - 100% | 400A - 100% | 500A - 100% | 313A - 100% | 400A - 100% | MIG 300A - 60% | 190A - 100% / WITH GAS COOLING 313A - 100% | 190A - 100% / WITH GAS COOLING 310A - 100% / 400A - 100% (WITHOUT SUPER ACTIVE) | - | DC-EN 150A - 100% | DC-EN 290A - 100% | DC-EN 150A - 100% | DC-EN 290A - 100% |
| DUTY CYCLE CO2 (20%) + AR (80%) | 250A - 100% | 310A - 100% | 500A - 100% | 250A - 100% | 310A - 100% | MIG 250A - 100% | 190A - 100% / WITH GAS COOLING 250A - 100% | 190A - 100% / MIT LUFT KÜHLUNG 250A - 100% / 360A - 100% (WITHOUT SUPER ACTIVE) | MIG 190A - 100% / WITH GAS COOLING 250A - 100% | - | - | - | - |
| PULSE MAG CO2 (20%) + AR (80%) | 160A - 100% | 240A - 100% | 500A - 80% / 450A - 100% | 160 - 100% | 240A - 100% | PULSE MIG 230A - 100% | 160A - 100% WITHOUT SUPER ACTIVE | 240A - 100% WITHOUT SUPER ACTIVE | PULSE MIG 230A - 100% WITHOUT SUPER ACTIVE | - | - | - | - |
| WIRE | STEEL STAIN- LESS STEEL FLUX CORE WIRE | STEEL STAIN- LESS STEEL FLUX CORE WIRE | STEEL EDEL- STAHL FLUX CORE WIRE | STEEL STAIN- LESS STEEL | STEEL STAIN- LESS STEEL | ALUMINIUM | STEEL STAINLESS STEEL | STEEL STAINLESS STEEL | ALUMINIUM | STEEL STAINLESS STEEL | STEEL STAINLESS STEEL | STEEL STAINLESS STEEL | STEEL STAINLESS STEEL |
| WIRE DIAMETER | 1,2 (0,8 - 1,2) MM | 1,2 (1,0 - 1,6) MM | 1,2 (0,8 - 1,6) MM | 1,2 (0,8 - 1,2) MM | 1,2 (0,8 - 1,2) MM | 1,2 (1,0 - 1,6) MM | 1,2 (0,8 - 1,2) MM | 1,2 (0,8 - 1,2) MM | 1,2 (1,0 - 1,6) MM | 1,0 / 1,2MM | 1,0 / 1,2MM | 1,0 / 1,2MM | 1,0 / 1,2MM |
| TUNGSTEN ELECTRODE | - | - | - | - | - | - | - | - | - | 3,2 MM | 3,2 MM | 3,2 MM (1,6 MM / 2,0 MM / 2,4 MM) | 3,2 MM (1,6 MM / 2,0 MM / 2,4 MM) |
| START | - | - | - | - | - | - | - | - | - | CONTACT | CONTACT | HF / CONTACT | HF / CONTACT |
| COLD WIRE | - | - | - | - | - | - | - | - | - | YES | YES | YES | YES |

TORCH NECK VARIATIONS

- AUTOMOTIVE TORCH LIQUID COOLED
- AUTOMOTIVE TORCH GAS COOLED
- TORCH NECKS WITH VARYING ANGLES
- TORCH NECKS IN VARYING LENGTHS

