

**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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<https://eu.connect.panasonic.com/>

Tel.: +49(0)2131/60899-0

[robots@eu.panasonic.com](mailto:robots@eu.panasonic.com)  
<https://eu.connect.panasonic.com/>



**SIMPLY WELDING.**

# ROBOT WELDING TORCHES

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			
	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
TYPE													
COOLING METHOD	GAS	LIQUID	LIQUID	GAS	LIQUID	LIQUID	GAS	LIQUID	LIQUID	GAS	LIQUID	GAS	LIQUID
DUTY CYCLE CO <sub>2</sub> (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 CO <sub>2</sub> (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 CO <sub>2</sub> (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

TORCH NECKS WITH VARYING ANGLES

AUTOMOTIVE TORCH GAS COOLED

TORCH NECKS IN VARYING LENGTHS

