

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**

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

robots@eu.panasonic.com
<https://eu.connect.panasonic.com/>

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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 STAINLESS STEEL FLUX CORE WIRE	STEEL STAINLESS STEEL FLUX CORE WIRE	STEEL EDELSTAHL FLUX CORE WIRE	STEEL STAINLESS STEEL	STEEL STAINLESS 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