

MIG/MAG

The image features several technical line drawings of MIG/MAG welding torches and their components. A large torch is shown at the top, angled downwards. Below it, there are smaller drawings of torch handles, nozzle assemblies, and electrode holders. The drawings are rendered in a light gray color against a dark gray background. On the left side, there are blue diagonal stripes. At the bottom, there is a blue logo for ERGODANI and a blue horizontal bar containing the text 'TECHNICAL SHEETS'.

EKOX

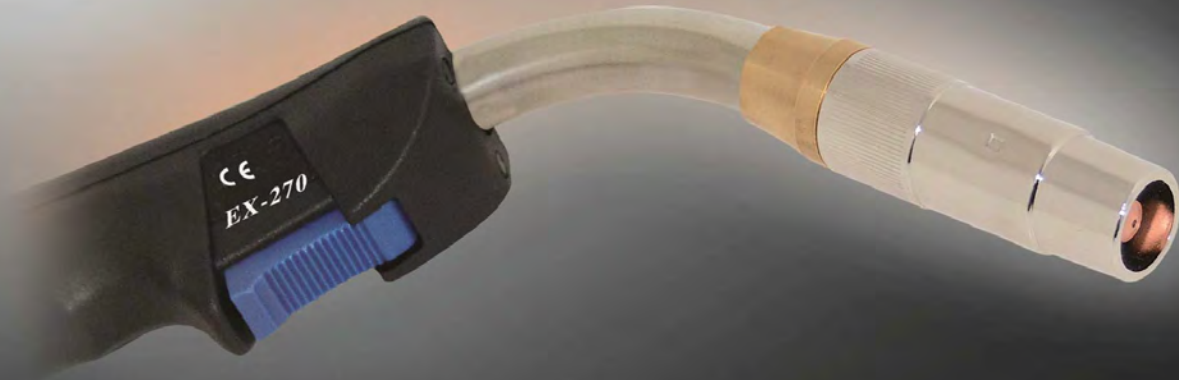
PROFESSIONAL RANGE

TECHNICAL SHEETS

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F O R A D V A N C E D W E L D E R S



GAS COOLED

250 Amp 60% CO₂

225 Amp 60% Ar+CO₂

The EX 270 torch model is developed for multi-purpose, medium intensity, gas cooled welding. This model features certain advantages for welding aluminium alloys and stainless steel.

The EX range torches are designed for the professional welding industry and all spare parts are developed to be long-lasting.

The main features are threaded nozzles and over-sized M9 contact tips, and special insulation to withstand the high welding temperatures thus increasing the duration of the gun

EX 270

TECHNICAL SHEET ADVANTAGES

THREADED NOZZLES WITH HARDENED CHROME COATING TO AVOID WEAR AND ENHANCE THE WORKING LIFE.



ISO CuCrZr COPPER CONTACT TIP HOLDER, PROVIDING BETTER COOLING OF THE CONTACT TIP, LOWER ADHERENCE ON SPATTERS.



OVERSIZED CONTACT TIP M9x30.



CONICAL CABLE CONNECTIONS INCREASING ELECTRICAL CONDUCTIVITY AND AVOIDING LOSS OF GAS IN STANDARD SYSTEMS.



REVOLUTIONARY SIRGA HOLDING SYSTEM – ALUWELD – PERMITTING WELDING LONGER LENGTHS OF ALUMINIUM WIRES.





GAS COOLED

350 Amp 60% CO2

270 Amp 60% Ar+CO2



The EX 380 torch model is developed for medium to high intensity, gas cooled welding. This model features certain advantages for welding aluminium alloys and stainless steel.

The EX range torches are designed for the professional welding industry and all spare parts are developed to be long-lasting.

The main features are threaded nozzles and over-sized M9 contact tips, and special insulation to withstand the high welding temperatures thus increasing the duration of the gun.

EX 380

TECHNICAL SHEET ADVANTAGES

THREADED NOZZLES WITH HARDENED CHROME COATING TO AVOID WEAR AND ENHANCE THE WORKING LIFE.



ISO CuCrZr COPPER CONTACT TIP HOLDER, PROVIDING BETTER COOLING OF THE CONTACT TIP, LOWER ADHERENCE ON SPATTERS.



OVERSIZED CONTACT TIP M9x30.



CONICAL CABLE CONNECTIONS INCREASING ELECTRICAL CONDUCTIVITY AND AVOIDING LOSS OF GAS IN STANDARD SYSTEMS.



REVOLUTIONARY SIRGA HOLDING SYSTEM – ALUWELD – PERMITTING WELDING LONGER LENGTHS OF ALUMINIUM WIRES.





CE

GAS COOLED

450 Amp 60% CO₂

350 Amp 60% Ar+CO₂

The EX 480 torch is the most powerful model in the gas-cooled torch range. This model is more resistant to high intensity welding without being excessively heavy. It also has the advantage of featuring an M10 tip enhancing duration.

The EX range torches are designed for the professional welding industry and all spare parts are developed to be long-lasting.

The main features are threaded nozzles and over-sized M10 contact tips, and special insulation to withstand the high welding temperatures thus increasing the duration of the gun.

EX 480

TECHNICAL SHEET ADVANTAGES

THREADED, CHROME COATED NOZZLE WITH 27 mm DIAMETER, FOR HIGH WORK CYCLES AND RESISTANT TO OVERHEATING.



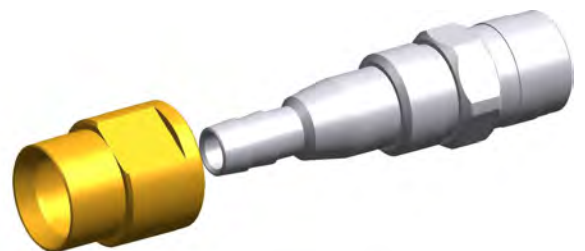
LONGER ISO CuCrZr COPPER CONTACT TIP HOLDER, PROVIDING BETTER COOLING OF THE CONTACT TIP, LOWER ADHERENCE ON SPATTERS.



OVERSIZED CONTACT TIP M10x43 BASED IN ROBOTIC TECHNOLOGY.



CONICAL CABLE CONNECTIONS INCREASING ELECTRICAL CONDUCTIVITY AND AVOIDING LOSS OF GAS IN STANDARD SYSTEMS.





LIQUID COOLED

350 Amp 100% CO₂

330 Amp 100% Ar+CO₂

The EX 221 model torch is developed for difficult access, multi-purpose welding thanks to its small diameter nozzles. Liquid cooled further increases the intensity of the equivalent gas-cooled model (EX 270). This model features certain advantages for welding aluminium alloys and stainless steel.

The EX range torches are designed for the professional welding industry and all spare parts are developed to be long-lasting.

The main features are threaded nozzles and over-sized M9 contact tips, and special insulation to withstand the high welding temperatures thus increasing the duration of the gun.

EX 221w

TECHNICAL SHEET ADVANTAGES

CONTROLLED SMART MODELS

EI-221W-I / EI-221W-D / EI-221W-P



THREADED NOZZLES WITH HARDENED CHROME COATING TO AVOID WEAR AND ENHANCE THE WORKING LIFE.



ISO CuCrZr COPPER CONTACT TIP HOLDER, PROVIDING BETTER COOLING OF THE CONTACT TIP, LOWER ADHERENCE ON SPATTERS.



OVERSIZED CONTACT TIP M9x30.



REVOLUTIONARY SIRGA HOLDING SYSTEM – ALUWELD – PERMITTING WELDING LONGER LENGTHS OF ALUMINIUM WIRES.



EX 421W

TECHNICAL SHEET



LÍQUIDO COOLED

500 Amp 100% CO2

450 Amp 100% Ar+CO2

The EX 421 torch model is developed for high intensity and pulsed arc multi-purpose welding. Liquid cooled further increases the intensity of the equivalent gas-cooled model (EX 380). This model features certain advantages for welding aluminium alloys and stainless steel.

The EX range torches are designed for the professional welding industry and all spare parts are developed to be long-lasting.

The main features are threaded nozzles and over-sized M9 contact tips, and special insulation to withstand the high welding temperatures thus increasing the duration of the gun.

EX 421w

TECHNICAL SHEET ADVANTAGES

CONTROLLED SMART MODELS

EI-421W-I / EI-421W-D / EI-421W-P



THREADED NOZZLES WITH HARDENED CHROME COATING TO AVOID WEAR AND ENHANCE THE WORKING LIFE.



ISO CuCrZr COPPER CONTACT TIP HOLDER, PROVIDING BETTER COOLING OF THE CONTACT TIP, LOWER ADHERENCE ON SPATTERS.



OVERSIZED CONTACT TIP M9x30.



REVOLUTIONARY SIRGA HOLDING SYSTEM – ALUWELD – PERMITTING WELDING LONGER LENGTHS OF ALUMINIUM WIRES.





F O R A D V A N C E D W E L D E R S

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TECHNICAL SHEETS