

XPRO

WELDING TORCHES
HIGH PERFORMANCE

CATALOG





Design - Manufacturing - Distribution

“EDRtorches is the result of a long engineering work developing products for robotic welding system”

When we gather in a company more than 30 years of experience in designing applications and solutions in welding, with a high level engineering team only something good can arise, EDRtorches is the result of a long engineering work developing products for welding systems robotic, automated and manual.

Our spirit of continuous innovation is evident in the entire product line we manufacture, we believe that we must see beyond what the industry needs and anticipate solutions to future challenges.

With the product ranges endorsed by companies worldwide, we ensure the most appropriate solution to your demand, in addition to a high level of advice.

EDRtorches we have the solution and the product you need.



We are present worldwide

“We understand that the development of a product starts at the design stage but just as important are quality and production”

Companies with technological or industrial character know the importance of innovating to continue in the current market. In EDR torches this becomes a work philosophy, we understand that without innovation it is not possible to advance in such a competitive world where companies and professionals need increasingly complex solutions.

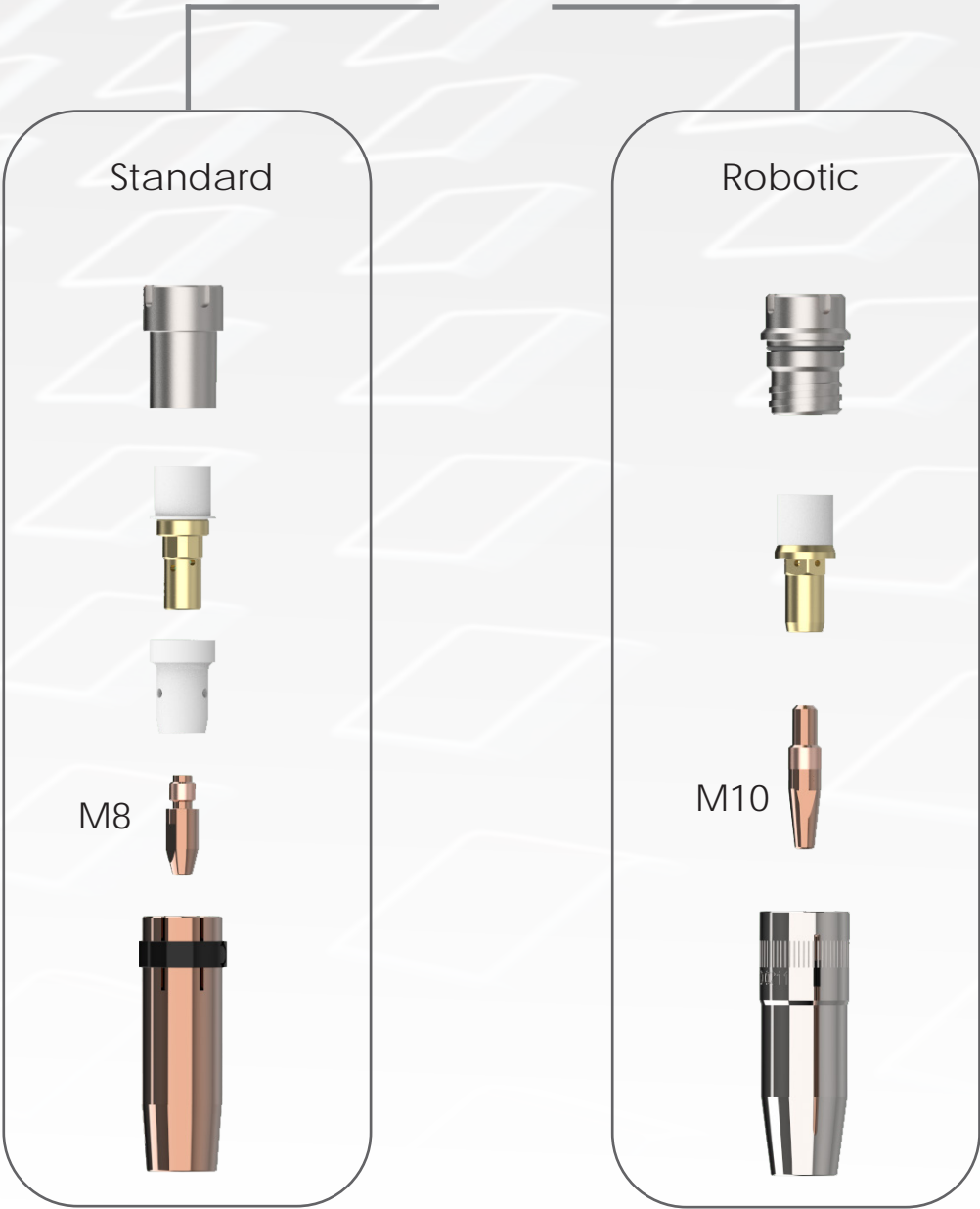
EDR torches has a strong R & D department dedicated to the development of new welding applications, providing customized solutions both in the area of robotic welding and manual.

We understand that the development of a product begins at the design stage but just as important are the quality and production designed and tested.

The long experience of EDR torches in all sectors related to welding makes us capable of providing the best solutions to your manufacturing challenges, tell us what you need and we will make it possible.

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Same welding torches,
two spare parts options.





More power does not mean more weight

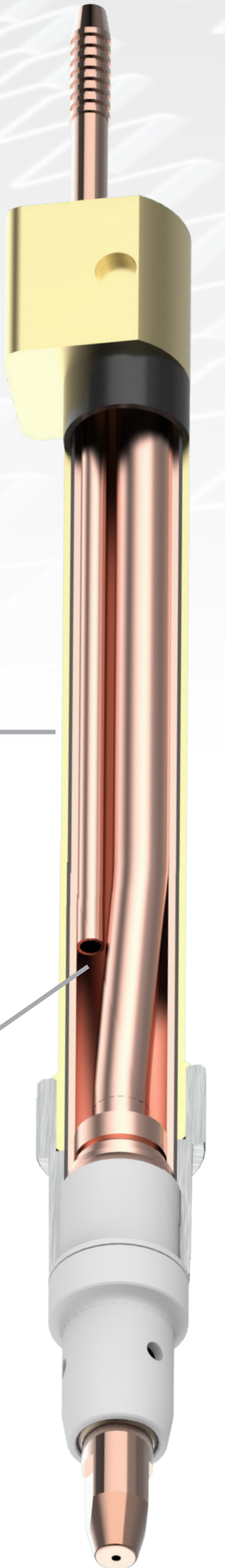
- Lighter
- Less weight
- More cooling

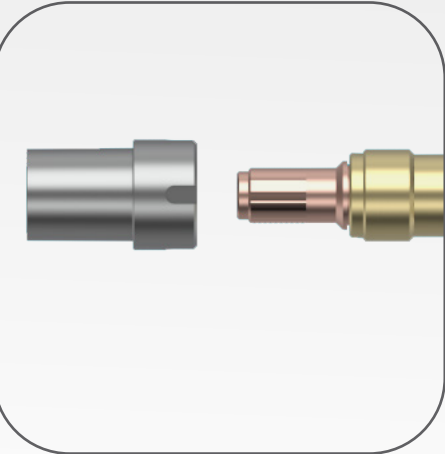
High capacity cooling system, injects coolant right into the tip of the torch neck.

The coolant return floods the neck to cool the exterior, giving a much higher cooling capacity if the problem of the greater weight of

Larger outer tube diameter, increased cooling surface by 30%

Direct outlet of coolant





interchangeable nozzle holder



Standard M8 spare parts for easy replacement



Microswitch push button and quick change

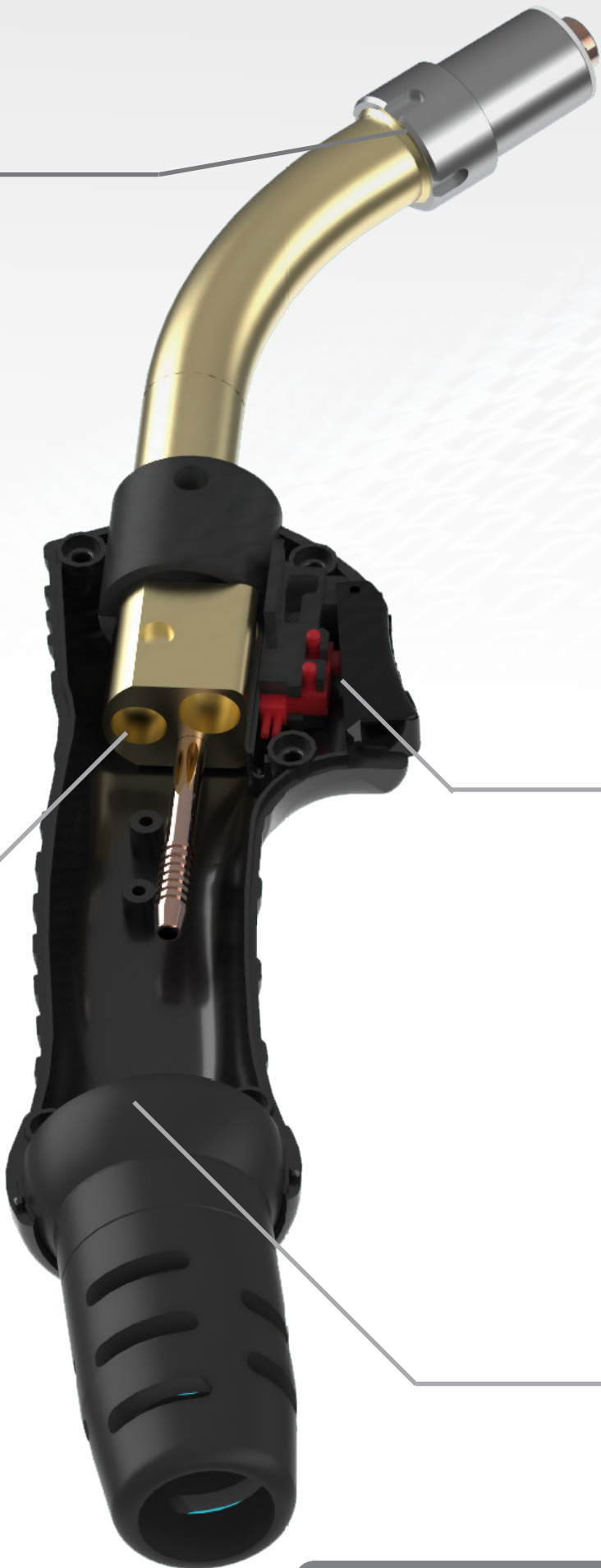
IP67 insulation



High flow rate and lower weight conduits



High rotation spherical ball joint



XPRO

Welding Torch X35-G

Data sheet

MIG/MAG, GMAW, 131,135

Technical data according to IEC60974-7

Gas cooling

350 A CO2 -60%


300 A mix M21 (ISO14175) -60%

Wire 0.8-1.2 mm

Gas flow 8-18 l/min

With pulsed arc the intensity is reduced by 35%

A



3,4,5 mts

High power torch for production work of moderate intensity, the gas cooling requires less maintenance

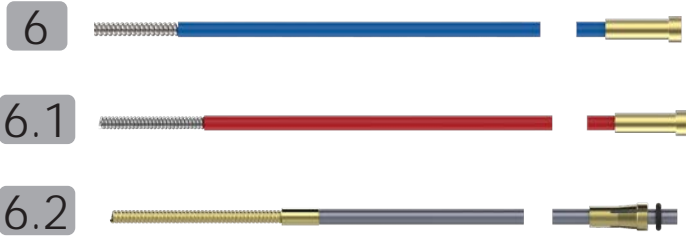
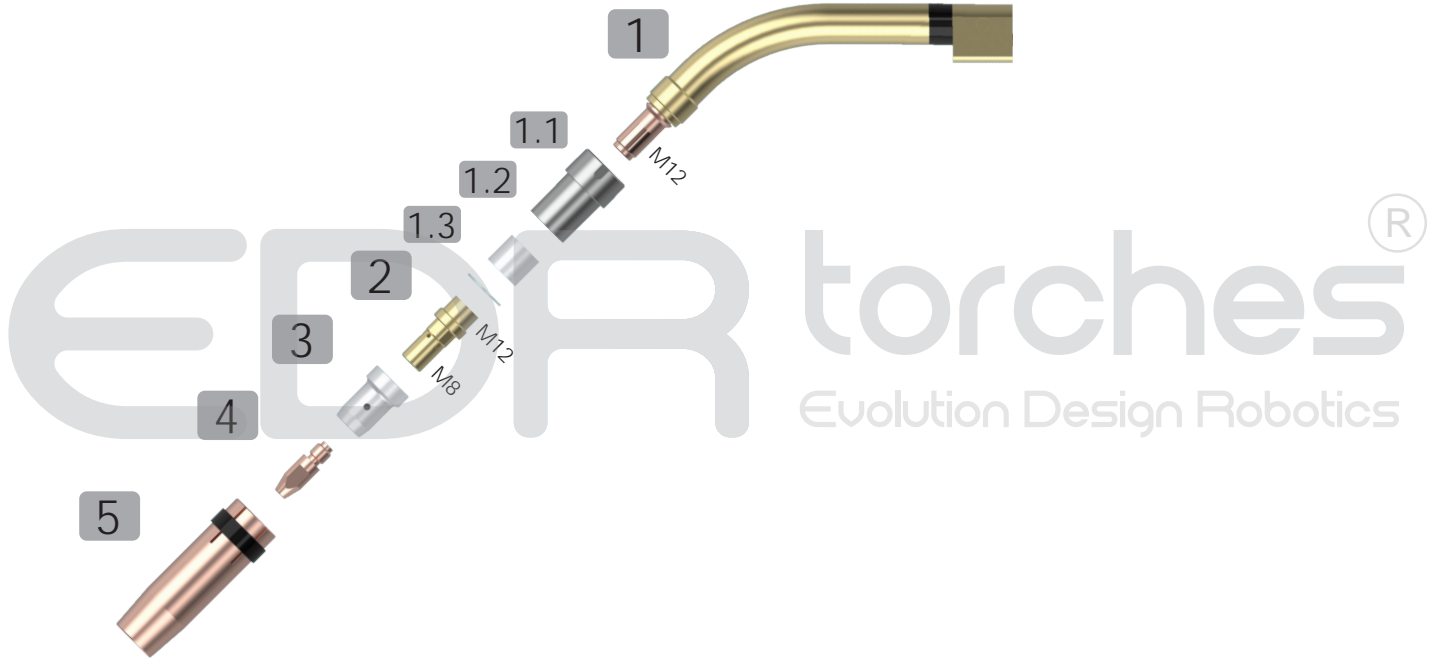
Standard configuration measures.

Pos.	CODE	TYPE	Min. Q.
A	M35.3000	Torch XPRO X35G-3mts euro connector	1
	M35.4000	Torch XPRO X35G-4mts euro connector	1
	M35.5000	Torch XPRO X35G-5mts euro connector	1



Microswitch inside IP67 insulation

Welding Torch X35-G



*The torch does not accept liner nude

Pos.	CODE	TYPE	Min. Q.
1	M35.0451	Neck X35G 45°	1
1.1	M55.2021	Nozzle holder X55W	1
1.2	M55.2006	Nozzle holder X55W insulating	2
1.3	M55.2070	Neck XPRO 55W insulating washer	5
2	M55.2080	Tip holder X55W M8	2
3	M50.0002	Diffuser PRO501w	10
	M50.0012	Diffuser ceramic PRO501w	10
4	M08.0410	Contact tip M8x30 1.0mm	25
	M08.0412	Contact tip M8x30 1.2mm	25
	M08.0416	Contact tip M8x30 1.6mm	25
	M08.1410	Contact tip M8x30 1.0mm CuCrZr	25
	M08.1412	Contact tip M8x30 1.2mm CuCrZr	25
	M08.1416	Contact tip M8x30 1.6mm CuCrZr	25
5	M50.0500	Nozzle 501w L76xØ24xØ16mm HD (2.5mm)	5
6	M99SR03B	Guide red L3600xØ4.6xØ1.5mm (0.8mm)	1
	M99SR04B	Guide red L4600xØ4.6xØ1.5mm (0.8mm)	1
	M99SR05B	Guide red L5600xØ4.6xØ1.5mm (0.8mm)	1
6.1	M99SR03R	Guide red L3600xØ4.6xØ2.0mm (1.0-1.2mm)	1
	M99SR04R	Guide red L4600xØ4.6xØ2.0mm (1.0-1.2mm)	1
	M99SR05R	Guide red L5600xØ4.6xØ2.0mm (1.0-1.2mm)	1
6.2	M99SA103	Guide for Alum L3700xØ4.5xØ2.5mm (1.2-1.6mm)	1
	M99SA104	Guide for Alum L4700xØ4.5xØ2.5mm (1.2-1.6mm)	1


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Welding Torch X55W


Data sheet

MIG/MAG, GMAW, 131,135


Technical data according to IEC60974-7




Liquid cooling




550 A CO2 -100%



475 A mix M21 (ISO14175) -100%




Wire 1.0-1.6 mm



Gas flow 8-18 l/min

With pulsed arc the intensity is reduced by 35%

A



3,4,5 mts

Standard configuration measures.



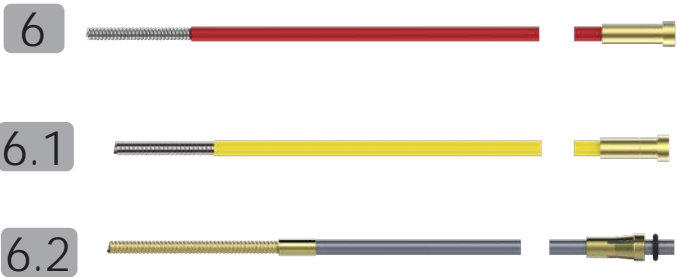
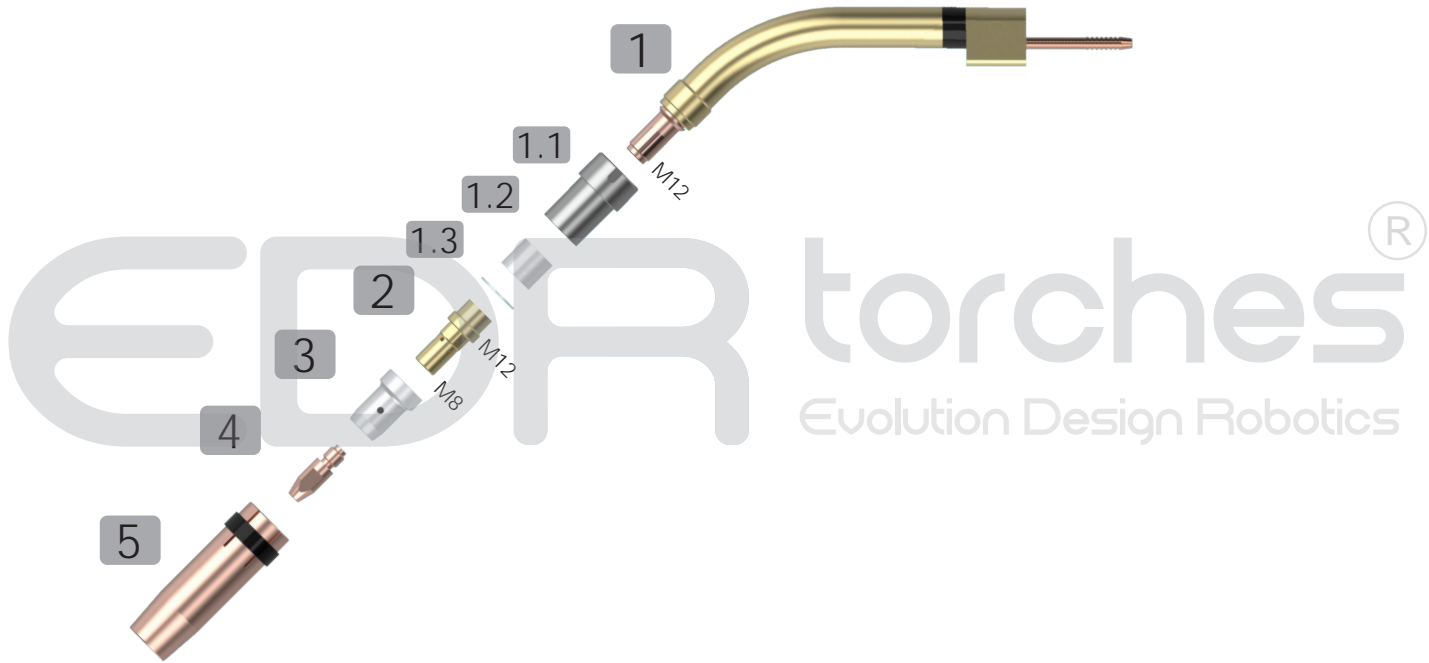
Microswitch inside IP67 insulation

High power torch for production work of moderate to strong intensity, the Liquid cooling allows for long work cycles.

Pos.	CODE	TYPE	Min. Q.
A	M55.3000	Torch XPRO X55W-3mts euro connector	1
	M55.4000	Torch XPRO X55W-4mts euro connector	1
	M55.5000	Torch XPRO X55W-5mts euro connector	1



Welding Torch X55W



*The torch does not accept liner nude

Pos.	CODE	TYPE	Min. Q.
1	M55.0451	Neck X55w 45°	1
1.1	M55.2021	Nozzle holder X55W	1
1.2	M55.2006	Nozzle holder X55W insulating	2
1.3	M55.2070	Neck XPRO 55W insulating washer	5
2	M55.2080	Tip holder X55W M8	2
3	M50.0002	Diffuser PRO501w	10
	M50.0012	Diffuser ceramic PRO501w	10
4	M08.0410	Contact tip M8x30 1.0mm	25
	M08.0412	Contact tip M8x30 1.2mm	25
	M08.0416	Contact tip M8x30 1.6mm	25
	M08.1410	Contact tip M8x30 1.0mm CuCrZr	25
	M08.1412	Contact tip M8x30 1.2mm CuCrZr	25
	M08.1416	Contact tip M8x30 1.6mm CuCrZr	25
5	M50.0500	Nozzle 501w L76xØ24xØ16mm HD (2.5mm)	5
6	M99SR03R	Guide red L3600xØ4.6xØ2.0mm (1.0-1.2mm)	1
	M99SR04R	Guide red L4600xØ4.6xØ2.0mm (1.0-1.2mm)	1
	M99SR05R	Guide red L5600xØ4.6xØ2.0mm (1.0-1.2mm)	1
6.1	M99SR03Y	Guide red L3600xØ4.7xØ2.4mm (1.6mm)	1
	M99SR04Y	Guide red L4600xØ4.7xØ2.4mm (1.6mm)	1
	M99SR05Y	Guide red L5600xØ4.7xØ2.4mm (1.6mm)	1
6.2	M99SA103	Guide for Alum L3700xØ4.5xØ2.5mm (1.2-1.6mm)	1
	M99SA104	Guide for Alum L4700xØ4.5xØ2.5mm (1.2-1.6mm)	1


XPRO

Welding Torch X40W


Data sheet

MIG/MAG, GMAW, 131,135


Technical data according to IEC60974-7




Gas cooling




400 A CO2 -60%



340 A mix M21 (ISO14175) -60%




Wire 0.8-1.2mm



Gas flow 8-18 l/min

With pulsed arc the intensity is reduced by 35%

A



3,4,5 mts

Spare parts for robotic quality and M10 tips.

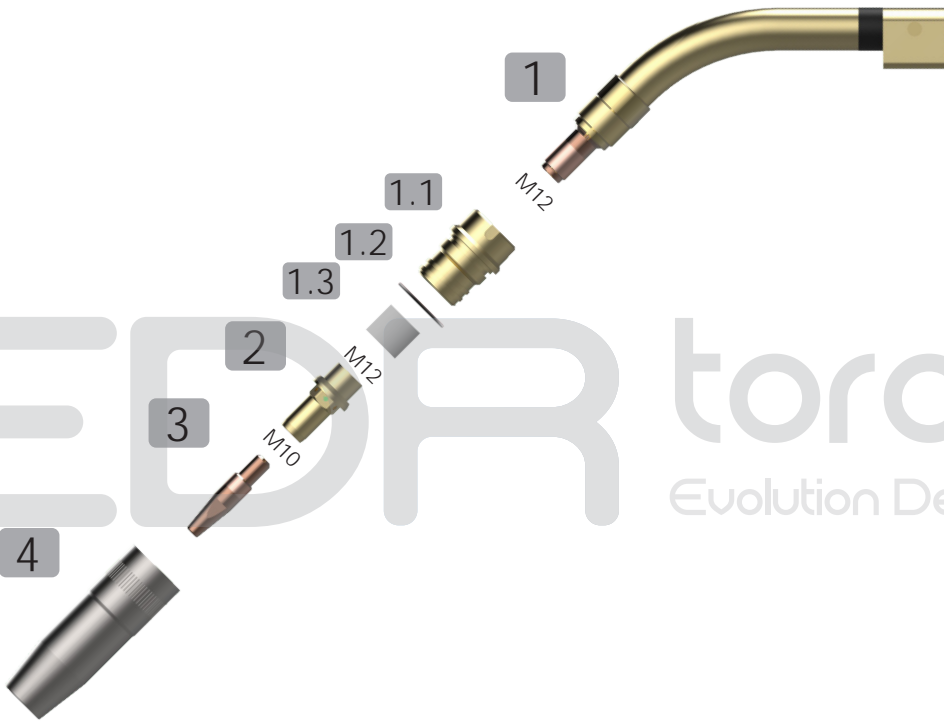
High power torch for production work of moderate to strong intensity, Gas refrigeration allows for less maintenance

Standard configuration measures.

Pos.	CODE	TYPE	Min. Q.
A	M41.3000	Torch XPRO X40G-3mts euro connector	1
	M41.4000	Torch XPRO X40G-4mts euro connector	1
	M41.5000	Torch XPRO X40G-5mts euro connector	1




Welding Torch X40W




EDR torches[®]
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6



6.1



6.2



Pos.	CODE	TYPE	Min. Q.
1	M41.0451	Neck X40G 45°	1
1.1	M60.2021	Nozzle holder X55W	1
1.2	R10 0401	Oring neck Ø23 mm	10
1.3	M55.2006	Nozzle holder X55W insulating	5
2	M60.2080	Tip holder X60W M10	2
3	R10 0401 08	Contact tip M10 0.8 mm CuCrZr	10
	R10 0401 10	Contact tip M10 1.0 mm CuCrZr	10
	R10 0401 12	Contact tip M10 1.2 mm CuCrZr	10
	R10 0401 16	Contact tip M10 1.6 mm CuCrZr	10
6	M99SR03B	Guide red L3600xØ4.6xØ1.5mm (0.8mm)	1
	M99SR04B	Guide red L4600xØ4.6xØ1.5mm (0.8mm)	1
	M99SR05B	Guide red L5600xØ4.6xØ1.5mm (0.8mm)	1
6.1	M99SR03R	Guide red L3600xØ4.6xØ2.0mm (1.0-1.2mm)	1
	M99SR04R	Guide red L4600xØ4.6xØ2.0mm (1.0-1.2mm)	1
	M99SR05R	Guide red L5600xØ4.6xØ2.0mm (1.0-1.2mm)	1
6.2	M99SA103	Guide for Alum L3700xØ4.5xØ2.5mm (1.2-1.6mm)	1


XPRO


Welding Torch X60W


Data sheet


MIG/MAG, GMAW, 131,135


Technical data according to IEC60974-7

Liquid cooling

575 A CO2 -100%


490 A mix M21 (ISO14175) -100%

Wire 1.0-1.6 mm

Gas flow 8-18 l/min

With pulsed arc the intensity is reduced by 35%

A

3,4,5 mts

Standard configuration measures.

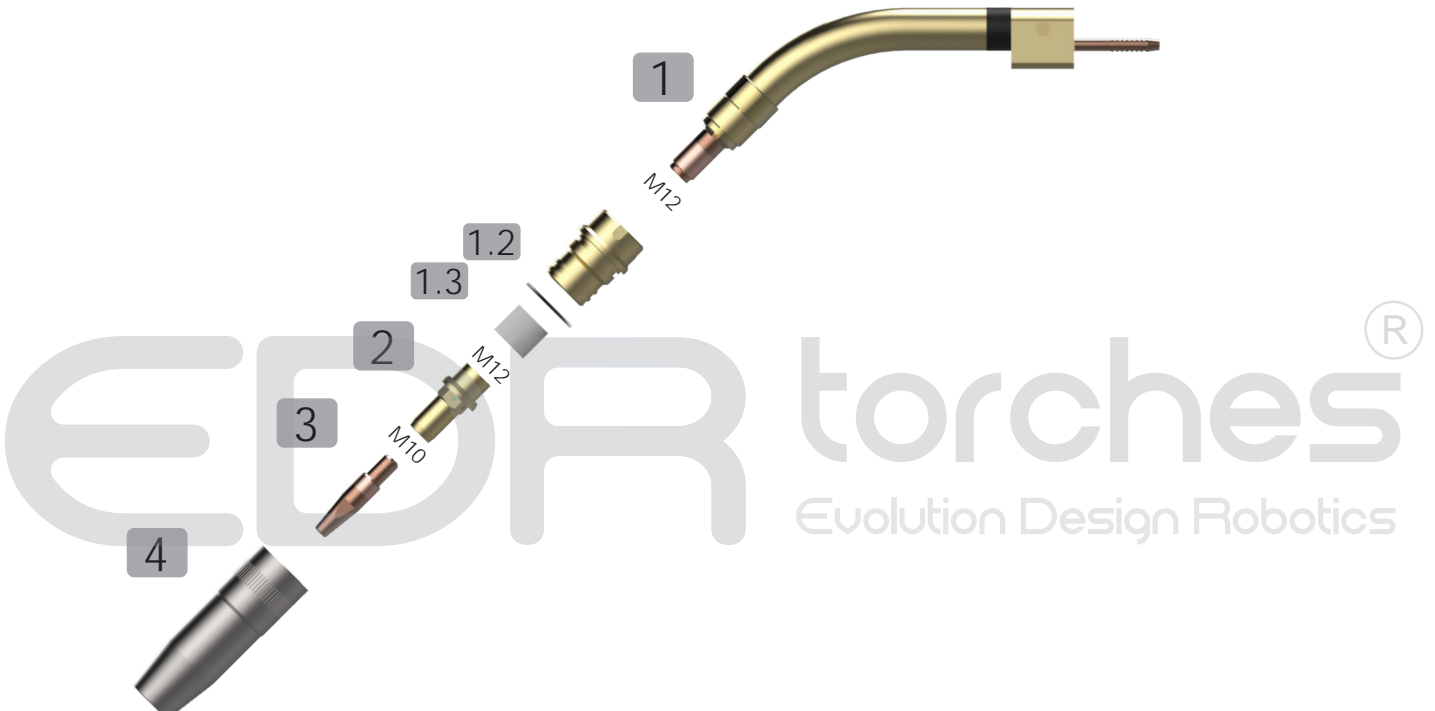
Spare parts for robotic quality and M10 tips.

High power torch for production work of moderate to strong intensity, the Liquid cooling allows for long work cycles.




Pos.	CODE	TYPE	Min. Q.
A	M60.3000	Torch XPRO X60W-3mts euro connector	1
	M60.4000	Torch XPRO X60W-4mts euro connector	1
	M60.5000	Torch XPRO X60W-5mts euro connector	1

Welding Torch X60W




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6



6.1



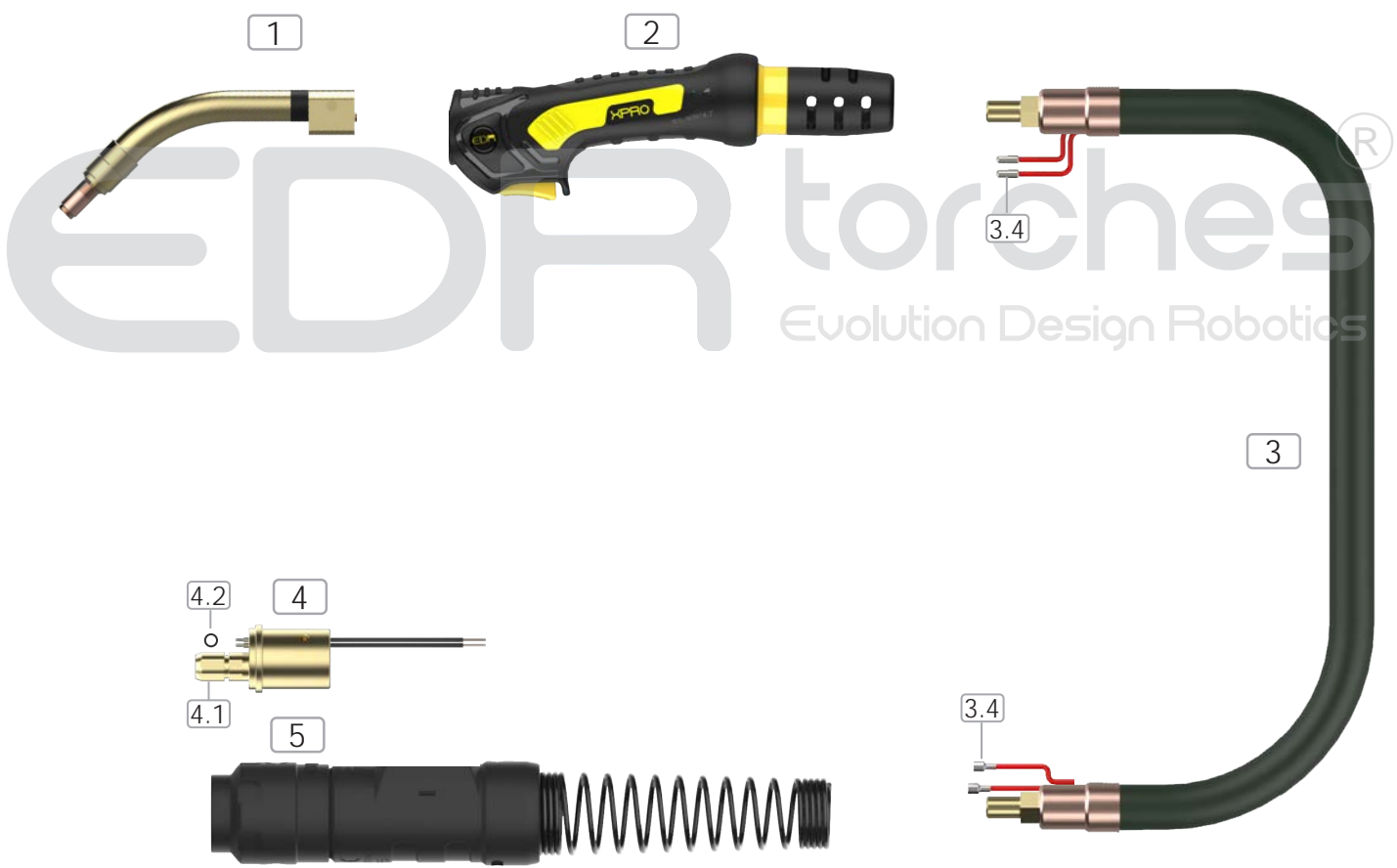
6.2



*The torch does not accept liner nude

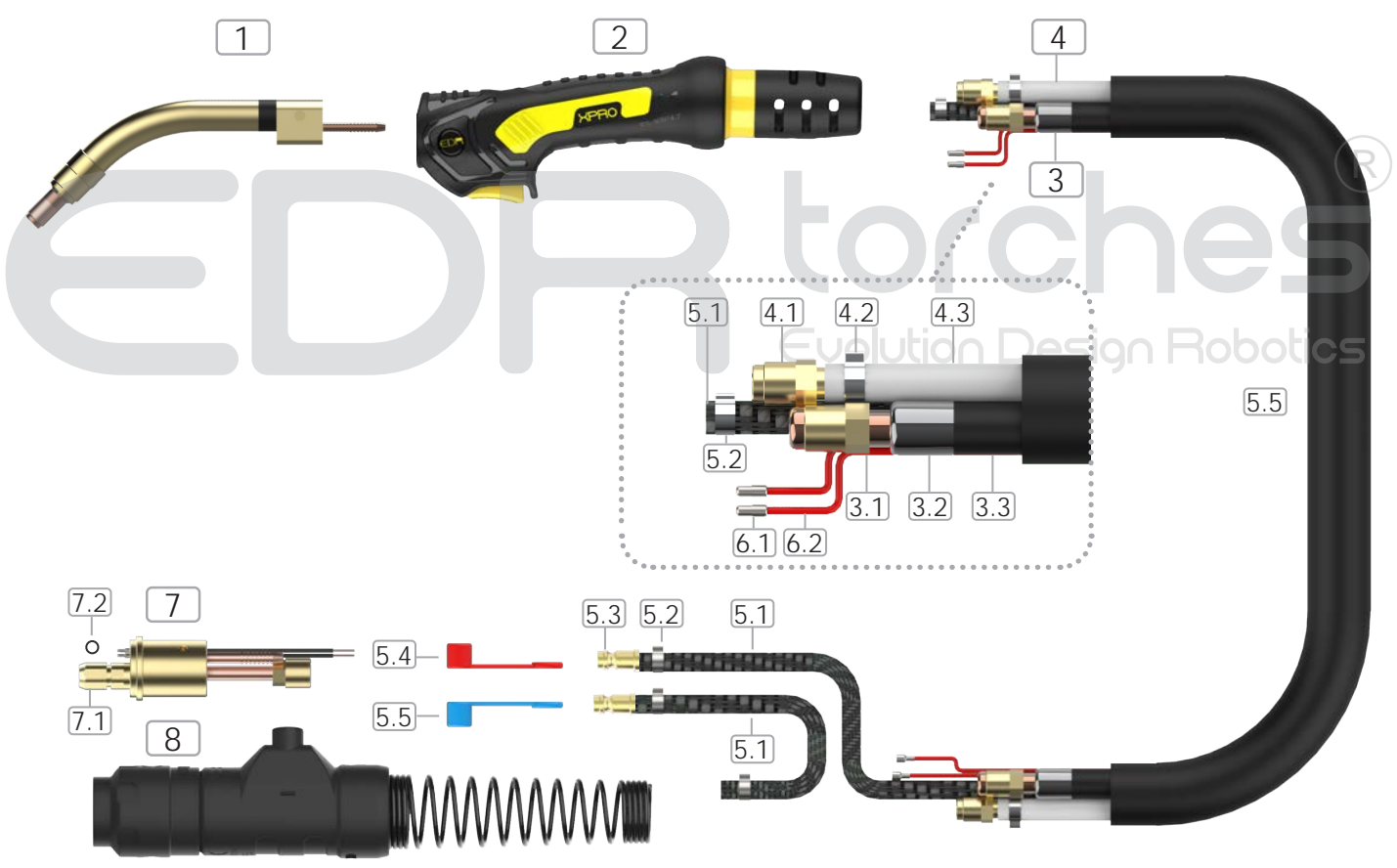
Pos.	CODE	TYPE	Min. Q.
1	M60.0451	Neck X60w 45°	1
1.1	M60.2021	Nozzle holder X55W	1
1.2	R10 0401	Oring neck Ø23 mm	10
1.3	M55.2006	Nozzle holder X55W insulating	5
2	M60.2080	Tip holder X60W M10	2
3	R10 0401 08	Contact tip M10 0.8 mm CuCrZr	10
	R10 0401 10	Contact tip M10 1.0 mm CuCrZr	10
	R10 0401 12	Contact tip M10 1.2 mm CuCrZr	10
	R10 0401 16	Contact tip M10 1.6 mm CuCrZr	10
6	M99SR03R	Guide red L3600xØ4.6xØ2.0mm (1.0-1.2mm)	1
	M99SR04R	Guide red L4600xØ4.6xØ2.0mm (1.0-1.2mm)	1
	M99SR05R	Guide red L5600xØ4.6xØ2.0mm (1.0-1.2mm)	1
6.1	M99SR03Y	Guide red L3600xØ4.7xØ2.4mm (1.6mm)	1
	M99SR04Y	Guide red L4600xØ4.7xØ2.4mm (1.6mm)	1
	M99SR05Y	Guide red L5600xØ4.7xØ2.4mm (1.6mm)	1
6.2	M99SA103	Guide for Alum L3700xØ4.5xØ2.5mm (1.2-1.6mm)	1
	M99SA104	Guide for Alum L4700xØ4.5xØ2.5mm (1.2-1.6mm)	1

XPRO Parts for repairs - air cooling



Pos.	CODE	TYPE	Min. Q.
1	M35.0451	Neck X35/40G 45°	1
2	M99.5200	XPRO handle	1
3	M40CX03	Power cable GAS XPRO 3.00mts (50 mm2)	1
	M40CX04	Power cable GAS XPRO 4.00mts (50 mm2)	1
	M40CX05	Power cable GAS XPRO 5.00mts (50 mm2)	1
3.3	M3605	Crimp sleeve copper cable 50mm2	5
3.4	R9 0200 0801	cabl connection faston	10
4	R6 0301	Euro connector XPRO gas	1
4.1	M99MZ02	Liner nud Euro connector	2
4.2	R2 2000 0206	O'ring gas connector Euro	10
5	M91 8000	Read GAS support	1

Parts for repairs- liquid cooling



Pos.	CODE	TYPE	Min. Q.
1	M55.0451	Neck X55/60W 45°	1
2	M99.5200	XPRO handle	1
3	M55CA03	Power cable LIQUID XPRO 3.00mts M12	1
	M55CA04	Power cable LIQUID XPRO 4.00mts M12	1
	M55CA05	Power cable LIQUID XPRO 5.00mts M12	1
4	M55CS03	Liner conductor XPRO 3.00mts M11	1
	M55CS04	Liner conductor XPRO 4.00mts M11	1
	M55CS05	Liner conductor XPRO 5.00mts M11	1
3.1	C50 9920	XPRO c/a tube connector M12	4
3.2	M45CA77	Crimp sleeve D-14.0	10
3.3	M45CA92	Reinforced black rubber tube 9x13mm.	50
4.1	C50 9910	XPRO liner tube connector M11	4
4.2	M45T010	Hose clamp D-10.0	10
4.3	TPU10X8N	XPRO conductor tube liner	50
5.1	M45TN	Reinforced black rubber tube 5x8mm.	50
5.2	M45T090	Hose clamp D-9.0	10
5.3	M45TA88	Plug nipple hose 5x8mm -NW5	5
5.4	M45TA88TR	Red rubbe cap	5
5.5	M45TA88TA	Blue rubbe cap	5
5.6	AFN25	Neoprene cover 25x28mm	20
6.1	R9 0200 0801	Cable connection faston	10
6.2	M99CB	2-pole signal cable	50
7	R6 0300	Euro connector XPRO Liquid	1
7.1	M99MZ02	Liner nud Euro connector	2
7.2	R2 2000 0206	O'ring gas connector Euro	10
8	M92 8000	Read liquid support	1

HIGH PERFORMANCE WELDING TORCHES

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