



REDESIGNED AND
READY FOR WORK.

Introducing our next generation of MIG torches.

MXL // PSF TORCHES



MXL TORCH SERIES.

We have completely redesigned our MXL standard industrial torches to work harder for you across any brand of power source. They offer exceptional ergonomics and industrious performance, while still using the same front-end wear parts you know and trust.

WELDING JUST GOT MORE COMFORTABLE.

We created a lightweight, ergonomic handle with a knuckle joint and spring support for a balanced feel and less hand fatigue. It is more compact on MXL 201 and MXL 271 torches to provide easy access and handling. On MXL 341 and up, we added soft grip areas to offer you a better hold and perfected the handle for maximum balance.

THE HEAVIEST-DUTY MXL TORCHES YET.

MXL has been upgraded to a 60% duty cycle on gas-cooled versions. For the first time, we have added water-cooling to the MXL family. New MXL 411W and MXL 511W water-cooled torches offer a 100% duty-cycle, which makes them perfect for heavy-duty welding and longer arc times.

MXL TORCH SPECIFICATIONS.

DESCRIPTION	MXL 201	MXL 271	MXL 341	MXL 411W	MXL 511W
Cooling	Gas	Gas	Gas	Water	Water
Welding output, mixed gas	150 A at 60%	210 A at 60%	300 A at 60%	350 A at 100%	450 A at 100%
Welding output, CO ₂	150 A at 60%	230 A at 60%	330 A at 60%	400 A at 100%	500 A at 100%
Wire Diameter	0.6 – 1.0 mm	0.8 – 1.2 mm	0.8 – 1.6 mm	1.0 – 1.6 mm	1.0 – 1.6 mm
Cable Length	3m, 4m	3m, 4m	3m, 4m	3m, 4m, 5m	3m, 4m, 5m

Visit esab.com/MXL or esab.com/PSF to view detailed fact sheets and to learn more.



PSF TORCH SERIES.

Our premium line of industrial MIG torches just got better. The latest PSF torches come with superior performance and improved handling to help you get the job done like never before. The redesigned PSF torches are still fully-compatible with the well-known, strong and durable front-end wear parts you trust from the previous PSF generation.

MAXIMUM PERFORMANCE HAS ARRIVED.

We gave all of our PSF welding torches better wire feeding capabilities for a more stable arc and improved weld quality. The brand new PSF 520W water torch is our most powerful yet, capable of taking on the most demanding jobs. The enhanced performance and the brand-new **dual circuit water cooling** system ensures your torch stays cool even when working in the toughest welding applications. Less heat means better wire feedability and fewer production stops to change wear parts.

ENGINEERED FOR EASIER HANDLING.

We worked hard to optimise the balance of our PSF torches to help avoid fatigue on the job. All PSF torches are ergonomically designed to ensure a comfortable and firm hold, no matter the conditions. The PSF 260 features a small, compact handle and rotatable neck so you can weld in more places without changing positions. The larger PSFs, including the water cooled models, have a larger handle with rubberized soft-grip areas and knuckle joints.

PSF TORCH SPECIFICATIONS.

DESCRIPTION	PSF 260	PSF 315*	PSF 415*	PSF 515	PSF 420W*	PSF 520W*
Cooling	Gas	Gas	Gas	Gas	Water	Water
Welding output, mixed gas	225 A at 60%	285 A at 60%	325 A at 60%	400 A at 60%	450 A at 100%	500 A at 100%
Welding output, CO ₂	250 A at 60%	315 A at 60%	380 A at 60%	450 A at 60%	450 A at 100%	500 A at 100%
Wire Diameter	0.6 – 1.0 mm	0.8 – 1.2 mm	0.8 – 1.6 mm	1.0 – 1.6 mm	0.8 – 1.6 mm	1.0 – 1.6 mm
Cable Length	3m, 4m, 5m	3m, 4m, 5m	3m, 4m, 5m	3m, 4m, 5m	3m, 4m, 5m	3m, 4m, 5m

* Available with RS3. RS3 is compatible with any ESAB machines with MA23-, MA24-, MA25-, U6- or U82 control panels.

MXL TORCH

ORDERING INFORMATION



MEDIUM-DUTY MIG/MAG WELDING TORCHES.

MODEL	LEAD LENGTH	PART NO.
MXL GAS-COOLED		
MXL 201	4,0 m	0700 025 221
MXL 271	3,0 m	0700 025 230
MXL 271	4,0 m	0700 025 231
MXL 341	3,0 m	0700 025 240
MXL 341	4,0 m	0700 025 241
MXL 341	5,0m	0700 025 242

MODEL	LEAD LENGTH	PART NO.
MXL WATER-COOLED		
MXL 411w	3,0 m	0700 025 250
MXL 411w	4,0 m	0700 025 251
MXL 411w	5,0 m	0700 025 252
MXL 511w	3,0 m	0700 025 260
MXL 511w	4,0 m	0700 025 261
MXL 511w	5,0 m	0700 025 262

MXL LINERS.

DESCRIPTION	MXL 201	MXL 271	MXL 341	MXL 411W	MXL 511W
LINERS – STEEL (FOR STEEL AND CORED WIRES)					
0,8 – 1,0, Blue, 3 m	0700 200 085 *	0700 200 085	0700 200 085	0700 200 085	0700 200 085
0,8 – 1,0, Blue, 4 m	0700 200 086 *	0700 200 086	0700 200 086	0700 200 086	0700 200 086
0,8 – 1,0, Blue, 5 m	0700 025 800	0700 025 800	0700 025 800	0700 025 800	0700 025 800
1,0 – 1,2, Red, 3 m	0700 200 087	0700 200 087 *	0700 200 087 *	0700 200 087 *	0700 200 087 *
1,0 – 1,2, Red, 4 m	0700 200 088	0700 200 088 *	0700 200 088 *	0700 200 088 *	0700 200 088 *
1,0 – 1,2, Red, 5 m	0700 025 801	0700 025 801	0700 025 801 *	0700 025 801 *	0700 025 801 *
1,2 – 1,6, Yellow, 3 m	0700 025 802	0700 025 802	0700 025 802	0700 025 802	0700 025 802
1,2 – 1,6, Yellow, 4 m	0700 025 803	0700 025 803	0700 025 803	0700 025 803	0700 025 803
1,2 – 1,6, Yellow, 5 m	0700 025 804	0700 025 804	0700 025 804	0700 025 804	0700 025 804
LINERS – PTFE (FOR STEEL AND ALUMINUM)					
1,0 – 1,2, Red, 3 m	0700 200 091	0700 200 091	0700 200 091	0700 200 091	0700 200 091
1,0 – 1,2, Red, 4 m	0700 200 092	0700 200 092	0700 200 092	0700 200 092	0700 200 092
1,0 – 1,2, Red, 5 m	0700 025 812	0700 025 812	0700 025 812	0700 025 812	0700 025 812
1,2 – 1,6, Yellow, 3 m	0700 025 813	0700 025 813	0700 025 813	0700 025 813	0700 025 813
1,2 – 1,6, Yellow, 4 m	0700 025 814	0700 025 814	0700 025 814	0700 025 814	0700 025 814
1,2 – 1,6, Yellow, 5 m	0700 025 815	0700 025 815	0700 025 815	0700 025 815	0700 025 815
LINERS – PA/BRONZE (FOR STAINLESS STEEL AND ALUMINIUM)					
0,8 – 1,0, Anthracite 3 m	0700 025 816	0700 025 816	0700 025 816	0700 025 816	0700 025 816
0,8 – 1,0, Anthracite 4 m	0700 025 817	0700 025 817	0700 025 817	0700 025 817	0700 025 817
0,8 – 1,0, Anthracite 5 m	0700 025 818	0700 025 818	0700 025 818	0700 025 818	0700 025 818
1,2 – 1,6, Anthracite 3 m	0700 025 819	0700 025 819	0700 025 819	0700 025 819	0700 025 819
1,2 – 1,6, Anthracite 4 m	0700 025 820	0700 025 820	0700 025 820	0700 025 820	0700 025 820
1,2 – 1,6, Anthracite 5 m	0700 025 821	0700 025 821	0700 025 821	0700 025 821	0700 025 821

* Supplied as standard.

Visit esab.com/MXL or esab.com/PSF to view detailed fact sheets and to learn more.

MXL WEAR PARTS.

	DESCRIPTION	MXL 201	MXL 271	MXL 341	MXL 411W	MXL 511W
1	Gas Nozzle Conical	0700 200 054 *	0700 200 055 *	0700 200 056 *	0700 025 295 *	0700 025 295 *
1	Gas Nozzle Tapered	0700 200 060	0700 200 061	0700 200 062	0700 025 296	0700 025 296
1	Gas Nozzle Cylindrical	0700 200 057	0700 200 058	0700 200 059	0700 025 297	0700 025 297
1	Gas Nozzle Tapered M6	-	-	-	0700 025 298	0700 025 298
1	Gas Nozzle FCAW	0700 200 105	-	-	-	-
2	Tip Adaptor M6	-	0700 200 073 *	0700 200 074 *	0700 025 292	0700 025 292
3	Tip Adaptor M8	-	0700 025 289	0700 025 290	0700 025 291 *	0700 025 291 *
4	Nozzle Spring	0700 200 078	0700 200 079	-	-	-
5	Gas Diffusor	-	-	0700 200 080	0700 025 293/4 *	0700 025 293/4 *

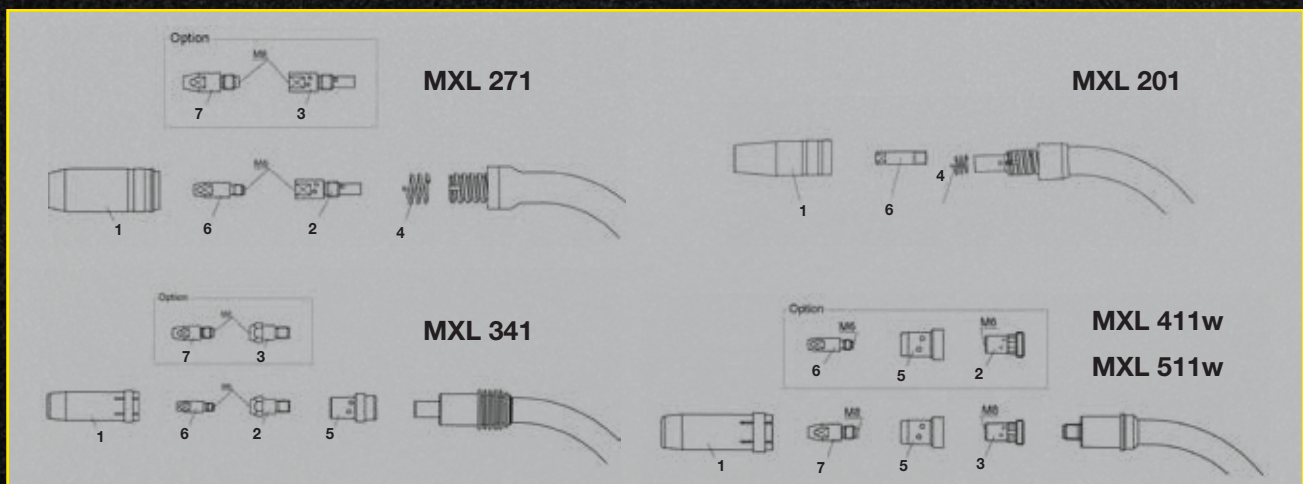
* Supplied as standard.

MXL CONTACT TIPS.

	SPECS	MXL 201	MXL 271 ¹ / MXL 341 ²			MXL 411W / MXL 511W		
		Cu						
6	Contact Tip M6 x 25 Ø 0,6	0700 200 063	-	-	-	-	-	-
6	Contact Tip M6 x 25 Ø 0,8	0700 200 064*	-	-	-	-	-	-
6	Contact Tip M6 x 25 Ø 0,9	0700 200 065	-	-	-	-	-	-
6	Contact Tip M6 x 25 Ø 1,0	0700 200 066	-	-	-	-	-	-
			Cu	CuCrZr	Alu Cu	Cu	CuCrZr	Alu Cu
6	Contact Tip M6 x 28 Ø 0,8	-	0700 200 068	0700 200 081	-	0700 200 068	0700 200 081	-
6	Contact Tip M6 x 28 Ø 0,9	-	0700 200 069	0700 200 082	-	0700 200 069	0700 200 082	-
6	Contact Tip M6 x 28 Ø 1,0	-	0700 200 070 ¹	0700 200 083	0700 025 273	0700 200 070	0700 200 083	0700 025 273
6	Contact Tip M6 x 28 Ø 1,2	-	0700 200 071 ²	0700 200 084	0700 025 274	0700 200 071	0700 200 084	0700 025 274
7	Contact Tip M8 x 30 Ø 0,8	-	0700 025 275	0700 025 280	-	0700 025 275	0700 025 280	-
7	Contact Tip M8 x 30 Ø 0,9	-	-	0700 025 281	-	-	0700 025 281	-
7	Contact Tip M8 x 30 Ø 1,0	-	0700 025 276	0700 200 103	0700 025 286	0700 025 276	0700 200 103	0700 025 286
7	Contact Tip M8 x 30 Ø 1,2	-	0700 025 277	0700 200 104	0700 025 287	0700 025 277*	0700 200 104	0700 025 287
7	Contact Tip M8 x 30 Ø 1,4	-	-	-	-	0700 025 278	0700 025 284	-
7	Contact Tip M8 x 30 Ø 1,6	-	0700 025 279	0700 025 285	0700 025 288	0700 025 279	0700 025 285	0700 025 288

* 1 2 Supplied as standard.

Wear and spare parts for older models please see instruction manual and contact your local ESAB representative.



PSF TORCH

ORDERING INFORMATION



PROFESSIONAL MIG/MAG WELDING TORCHES.

MODEL	LEAD LENGTH	PART NO.	MODEL	LEAD LENGTH	PART NO.
PSF GAS-COOLED WITH EURO CONNECTION			PSF WATER-COOLED WITH EURO CONNECTION		
PSF 260	3,0 m	0700 025 020	PSF 515	4,0 m	0700 025 051
PSF 260	4,0 m	0700 025 021	PSF 515	5,0 m	0700 025 052
PSF 260	5,0 m	0700 025 022	PSF 420w	3,0 m	0700 025 060
PSF 315	3,0 m	0700 025 030	PSF 420w RS3*	3,0 m	0700 025 063
PSF 315	4,0 m	0700 025 031	PSF 420w	4,0 m	0700 025 061
PSF 315 RS3*	4,0 m	0700 025 033	PSF 420w RS3*	4,0 m	0700 025 064
PSF 315	5,0 m	0700 025 032	PSF 420w	5,0 m	0700 025 062
PSF 415	3,0 m	0700 025 040	PSF 520w	3,0 m	0700 025 070
PSF 415 RS3*	4,0 m	0700 025 043	PSF 520w RS3*	3,0 m	0700 025 073
PSF 415	4,0 m	0700 025 041	PSF 520w	4,0 m	0700 025 071
PSF 415	5,0 m	0700 025 042	PSF 520w RS3*	4,0 m	0700 025 074
PSF 515	3,0 m	0700 025 050	PSF 520w	5,0 m	0700 025 072

* RS3 is compatible with any ESAB machines with MA23-, MA24-, MA25-, U6- or U82 control panels.

PSF LINERS.

DESCRIPTION	PSF 260	PSF 315 PSF 420W	PSF 415 PSF 520W	PSF 515
LINERS – STEEL (FOR STEEL AND CORED WIRES)				
0,8 – 1,0, Blue, 3 m	0700 200 085	0700 200 085	0700 200 085	0700 200 085
0,8 – 1,0, Blue, 4 m	0700 200 086	0700 200 086	0700 200 086	0700 200 086
0,8 – 1,0, Blue, 5 m	0700 025 800	0700 025 800	0700 025 800	0700 025 800
1,0 – 1,2, Red, 3 m	-	0700 200 087	0700 200 087	0700 200 087
1,0 – 1,2, Red, 4 m	-	0700 200 088	0700 200 088	0700 200 088
1,0 – 1,2, Red, 5 m	-	0700 025 801	0700 025 801	0700 025 801
1,2 – 1,6, Yellow, 3 m	-	-	0700 025 802	0700 025 802
1,2 – 1,6, Yellow, 4 m	-	-	0700 025 803	0700 025 803
1,2 – 1,6, Yellow, 5 m	-	-	0700 025 804	0700 025 804
LINERS – PTFE (FOR STEEL AND ALUMINUM)				
1,0 – 1,2, Red, 3 m	0700 200 091	0700 200 091	0700 200 091	0700 200 091
1,0 – 1,2, Red, 4 m	0700 200 092	0700 200 092	0700 200 092	0700 200 092
1,0 – 1,2, Red, 5 m	0700 025 812	0700 025 812	0700 025 812	0700 025 812
1,2 – 1,6, Yellow, 3 m	-	-	0700 025 813	0700 025 813
1,2 – 1,6, Yellow, 4 m	-	-	0700 025 814	0700 025 814
1,2 – 1,6, Yellow, 5 m	-	-	0700 025 815	0700 025 815
LINERS – PA/BRONZE (FOR STAINLESS STEEL AND ALUMINIUM)				
0,8 – 1,0, Anthracite 3 m	-	0700 025 816	0700 025 816	0700 025 816
0,8 – 1,0, Anthracite 4 m	-	0700 025 817	0700 025 817	0700 025 817
0,8 – 1,0, Anthracite 5 m	-	0700 025 818	0700 025 818	0700 025 818
1,2 – 1,6, Anthracite 3 m	-	-	0700 025 819	0700 025 819
1,2 – 1,6, Anthracite 4 m	-	-	0700 025 820	0700 025 820
1,2 – 1,6, Anthracite 5 m	-	-	0700 025 821	0700 025 821

For more detail please refer to instruction manuals.

PSF WEAR PARTS.

	DESCRIPTION	PSF 260	PSF 315	PSF 415	PSF 515	PSF 420W	PSF 520W
1	Gas Nozzle Standard	0458 464 881 (Ø 14 mm)	0458 464 882 (Ø 16 mm)	-	-	-	-
1	Gas Nozzle Conical	0458 465 881 (Ø 12 mm)	0458 465 882 (Ø 14 mm)	0458 464 883 (Ø 17 mm)	0458 464 884 (Ø 18 mm)	0458 464 882 (Ø 16 mm)	0458 464 882 (Ø 16 mm)
1	Gas Nozzle Straight	0458 470 881 (Ø 16 mm)	0458 470 882 (Ø 19 mm)	-	-	-	-
1	Gas Nozzle Conical only for M6	-	-	0458 465 883 (Ø 15 mm)	0458 465 884 (Ø 15 mm)	0458 465 882 (Ø 14 mm)	0458 465 882 (Ø 14 mm)
1	Gas Nozzle Cylindrical	-	-	0458470883 (Ø 21 mm)	0458470884 (Ø 21 mm)	0458470882 (Ø 19 mm)	0458470882 (Ø 19 mm)
3	Tip Adapter M6	0366 314 001	0366 394 001	0366 394 001	-	0366 394 001	0366 394 001
3	Tip Adapter M8	-	0460 819 001	0460 819 001	0366 395 001	0460 819 001	0460 819 001
4	Insulation Bushing	0366 397 001	0366 397 002	0366 397 002	0366 397 003	0458 874 001	0458 874 001

PSF CONTACT TIPS.

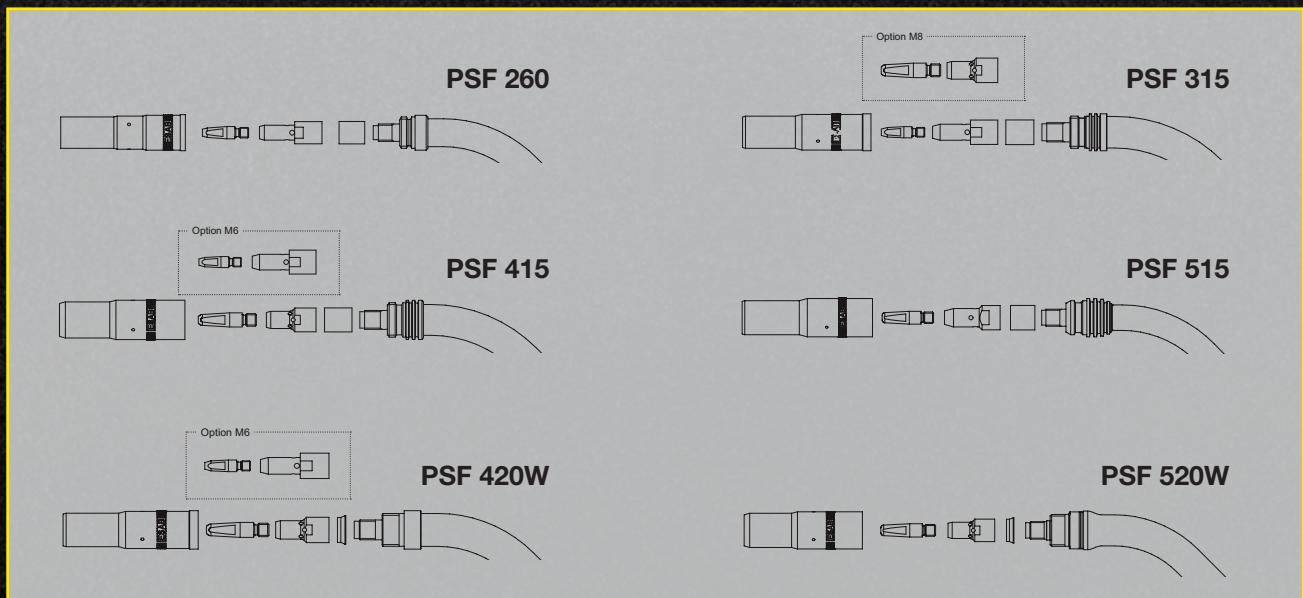
	SPECS		PSF 260* PSF 315		PSF 415 PSF 420W		PSF 515 PSF 520W
	CO2	Mix/Ar	M6	M8	M6	M8	M8
2	0,6	-	0468 500 001	-	0468 500 001	-	-
2	-	0,6	0468 500 002	-	0468 500 002	-	-
2	0,8	-	0468 500 003	0468 502 003	0468 500 003	0468 502 003	0468 502 003
2	0,9	0,8	0468 500 004	0468 502 004	0468 500 004	0468 502 004	0468 502 004
2	1,0	0,9	0468 500 005	0468 502 005	0468 500 005	0468 502 005	0468 502 005
2	1,2	-	0468 500 006	0468 502 006	0468 500 006	0468 502 006	0468 502 006
2	1,2	1,0	0468 500 007	0468 502 007	0468 500 007	0468 502 007	0468 502 007
2	1,4	1,2	0468 500 008	0468 502 008	0468 500 008	0468 502 008	0468 502 008
2	1,6	-	-	-	0468 500 009	0468 502 009	0468 502 009
2	-	1,6	-	-	0468 500 010	0468 502 010	0468 502 010

* PSF 260 only for M6 and wire 0,6-1,0.

Nib M6

	CO2	Mix/Ar	M6
2	0,6	-	0468 501 002
2	-	0,6	0468 501 003
2	0,8	-	0468 501 004
2	0,9	0,8	0468 501 005

Wear and spare parts for older models please see instruction manual and contact your local ESAB representative.



UNRIVALLED SERVICE AND SUPPORT.

MXL and PSF welding torches, like all ESAB equipment, are backed by our commitment to superior customer service and support. Our skilled customer service department is prepared to quickly answer any questions, address problems, and help with maintenance and upgrading of machines.

For more information on MXL and PSF welding torches, visit [esab.com/MXL](https://www.esab.com/MXL) or [esab.com/PSF](https://www.esab.com/PSF).

When choosing a top-performing welding torch you need top-performing ESAB welding machines and Filler Metals. Learn more at [esab.com](https://www.esab.com) today.



ESAB / [esab.com](https://www.esab.com)

