



AUTOGEN-RITTER GmbH

Arc-welding torches MIG-MAG WIG/TIG Plasma Spare parts

Quality Welding Solutions since 1920.

EN

M-AR 5.2W **GMAW robotic torches**





Content

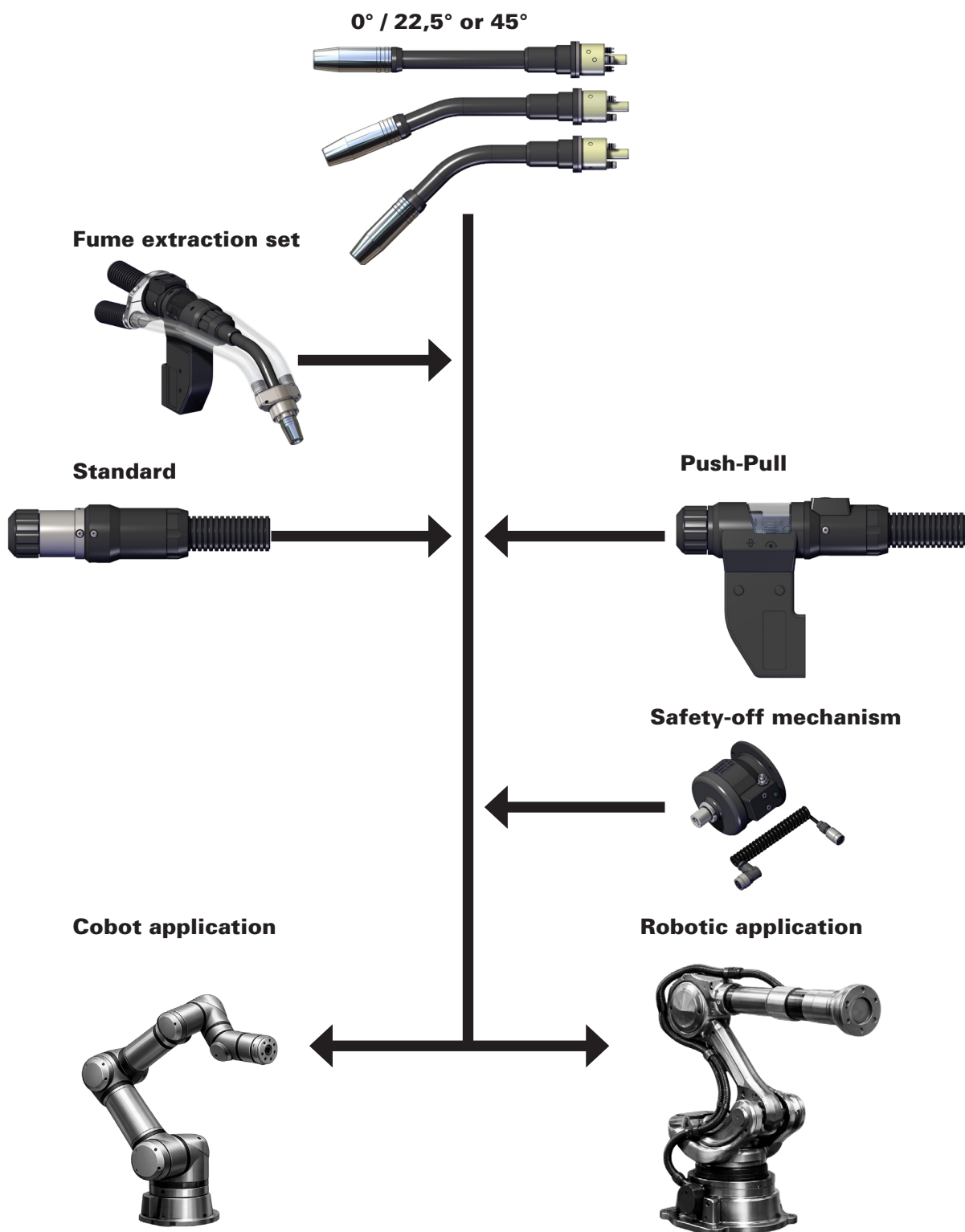
Introduction	2
Technical data robotic torches	5
Order information cable hose package cpl. M-AR 5.2W	6
Order information cable hose package Push-Pull cpl. M-AR 5.2W	7
Torch necks M-AR 5.2W	8
Spare parts M-AR 5.2W	9
Torch holders	10
Torch mount M-AR 5.2W	12
Torch mount M-AR 5.2W-Push-Pull	13
Cable hose package M-AR 5.2W	14
Cable hose package M-AR 5.2W-Push-Pull	15
Machine-side connection for M-AR 5.2W	16
Intermediate flange for Cobots and Robots	17
Safety of mechanism ARB-2	18
Spare Part Set	19
Testing gauge and teach tips	20
Fume extraction set AiR WeldGuard®	21
Extraction hoses and extraction accessories	22
Extraction unit Minivac 200D and accessories	23
Wire conduits and Neck-Liners	24

Introduction

One system, many possibilities.

The M-AR Robotic System offers a wide range of options for tailoring the system to your specific needs.

- **Easy Integration:** Fast migration of the process through a system solution concept.
- **Modular design:** Easy to select and can be precisely tailored to the respective application.



M-AR 5.2W - Dual-circuit cooling for maximum performance

The M-AR 5.2W is a high-performance welding torch specifically designed for automated welding processes and use in cobot applications. Its key feature is the **innovative dual-circuit cooling system**, which ensures highly efficient heat dissipation during and after the welding process.

Thanks to the separate cooling circuits, the torch neck remains significantly cooler under high thermal loads compared to conventional cooling systems. At the same time, the optimized cooling performance enables rapid temperature reduction immediately after welding.

This provides a decisive advantage during teaching and setup processes in collaborative robotic welding. When re-teaching a component, the torch neck remains sufficiently cool, allowing the user to handle it directly and use it for precise positioning.

- **Welding torch for automated and robot-assisted welding processes**
- **Innovative dual-circuit cooling system for efficient heat dissipation**
- **Low torch neck temperature during operation**
- **Rapid cooling after completion of the welding process**
- **Optimized for cobot applications and teaching processes**
- **Designed for high loads at 100% duty cycle**
- **High process reliability and thermal stability**

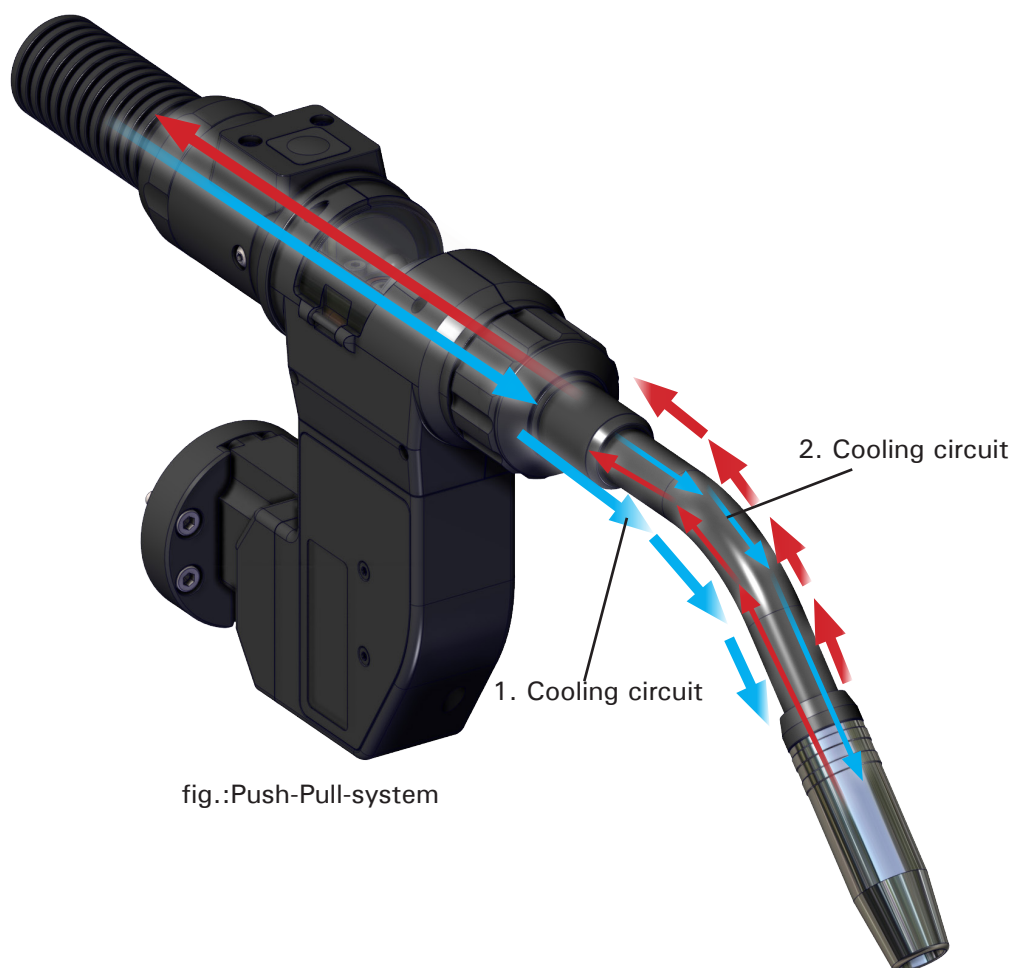


fig.:Push-Pull-system

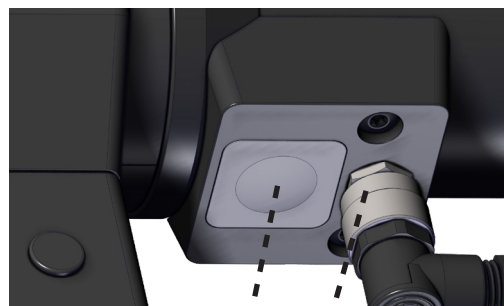
Intelligent component recognition and safety of mechanism

The M-AR Robotic System can be equipped with an integrated push button that can be flexibly assigned to various functions, such as wire feeding, a gas test, or releasing the cobot brake. This allows processes to be quickly adjusted and efficiently controlled.

For additional safety, the system features an integrated connection for the ARB-2 Box, ensuring reliable collision protection. This helps safeguard both the operator and the equipment without interrupting the production flow.

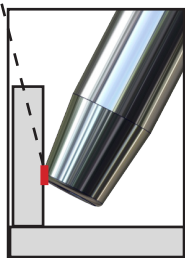
The gas nozzle can also be used for intelligent workpiece detection. In this application, a separate electrical circuit is closed between the workpiece and the gas nozzle upon contact. This signal can then be processed by the user or the control system for further operations.

Push button that can be freely assigned to any function



Push button that can be freely assigned to any function, with a socket for safety of mechanism

As soon as the gas nozzle touches the workpiece, an electrical circuit is closed between the workpiece and a separate control line. This allows the system to detect the presence of a component.



**Technical data robotic torches****M-AR 5.2W**

Technical data according to EN 60 974-7

Rating*: 450 A at 100 % Duty cycle

Wire-Ø: 0.8 - 1.6 mm

Torch neck geometry: 0° / 22.5° / 45°

*For pulse arcs, the load data are reduced by up to 35%.

Order information cable hose package cpl. M-AR 5.2W



A	B*	C*	D	E	F
Torch neck nut	Trigger and/or socket for safety of mechanism ARB-2	Control cable for trigger and/or socket for safety of mechanism ARB-2	Control cable for gas nozzle sensor	Water in-/return	Euro-connector

The torch neck nut (A) is included in the scope of delivery of all cable hose packages.

*only available with cable hoses suitable for trigger and/or safety of mechanism ARB-2

Technical data according to EN 60 974-7

Rating* ¹ :	450 A at 100% Duty cycle
Cooling:	water cooled
Cooling Requirements* ¹ :	min. 800 W
Standard length:	4 m (different lengths available on request!)
Machine-side connection:	Euro-connector (different connections available on request!)

*¹Cooling capacity of min. 800W with a 4m cable hose package and a torch inlet pressure of the coolant of 3-6bar.

For lengths exceeding 4 m, an additional 0.25 kW of cooling capacity is required for each additional meter of cable hose package.

Order information for cable hose packages cpl.

Version:	Length (L):	
Cable hose package standard M-AR 5.2W cpl. with torch mount and euro-connector		2004M8004000
Cable hose package with trigger M-AR 5.2W cpl. with torch mount and euro-connector		2004M8014000
Cable hose package with ARB-2 ready and trigger M-AR 5.2W cpl. with torch mount and euro-connector		2004M8024000

**Order information cable hose package Push-Pull cpl. M-AR 5.2W**

A	B*	C*	D	E	F	G
Torch neck nut	Trigger and/or socket for safety of mechanism ARB-2	Control cable for trigger and/or socket for safety of mechanism ARB-2	Control cable for gas nozzle sensor	Water in-/return	Euro-connector	Control cable for motor

The torch neck nut (A) is included in the scope of delivery of all cable hose packages.

*only available with cable hoses suitable for trigger and/or safety of mechanism ARB-2

Technical data according to EN 60 974-7

Rating* ¹ :	450 A at 100% Duty cycle
Cooling:	water-cooled
Cooling Requirements* ¹ :	min. 800 W
Wire-Ø:	0.8 - 1.6 mm
Feeding speed:	0.5 - 25 m/min
Electrical connection:	48 V
Standard lengths:	4 / 6 m (different lengths available on request!)
Machine-side connection:	Euro-connector (different connections available on request!)

*¹Cooling capacity of min. 800W with a 4m cable hose package and a torch inlet pressure of the coolant of 3-6bar.

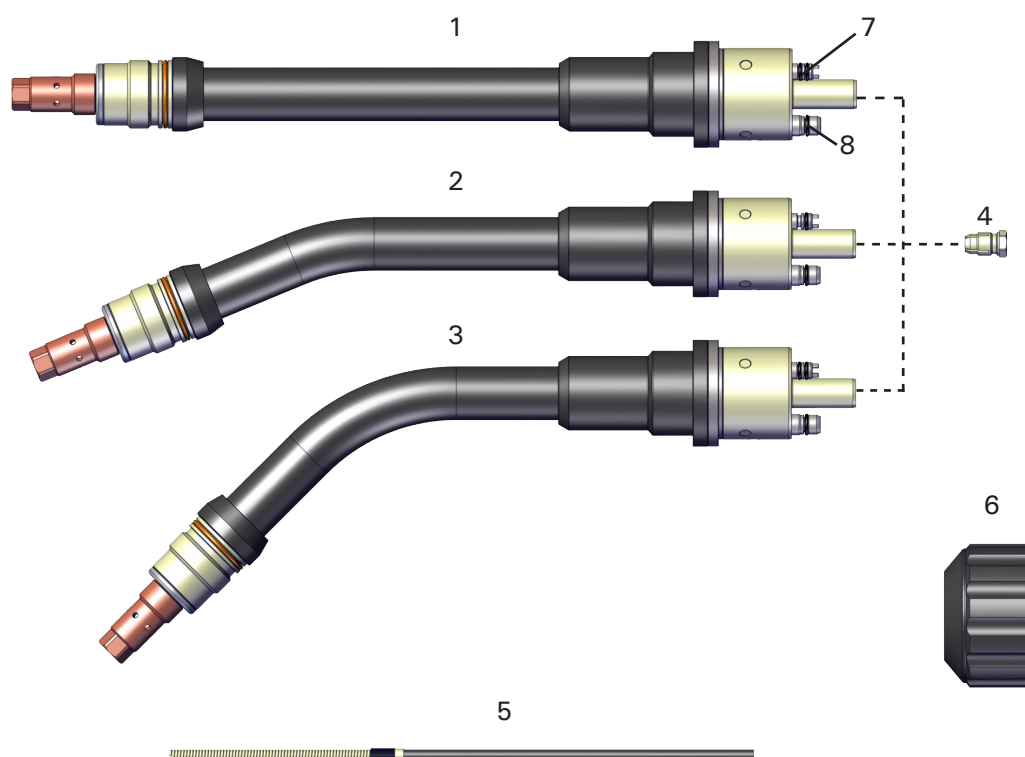
For lengths exceeding 4 m, an additional 0.25 kW of cooling capacity is required for each additional meter of cable hose package.

Aluminium	Steel	Drive Roll set	Ø 0.8 mm	Ø 1.0 mm	Ø 1.2 mm	Ø 1.6 mm
		Aluminium:	7082601	7082603	7082604	7082605
		Steel:	7082611	7082613	7082614	7082616

Order information for cable hose packages cpl.

Version:	Length (L):	4,0m	6,0m
Cable hose package standard PP M-AR 5.2W cpl. with torch mount and euro-connector		2004M8104000	2004M8106000
Cable hose package PP with trigger M-AR 5.2W cpl. with torch mount and euro-connector		2004M8114000	2004M8116000
Cable hose package PP with ARB-2 ready and trigger M-AR 5.2W cpl. with torch mount and euro-connector		2004M8124000	2004M8126000

Torch necks M-AR 5.2W

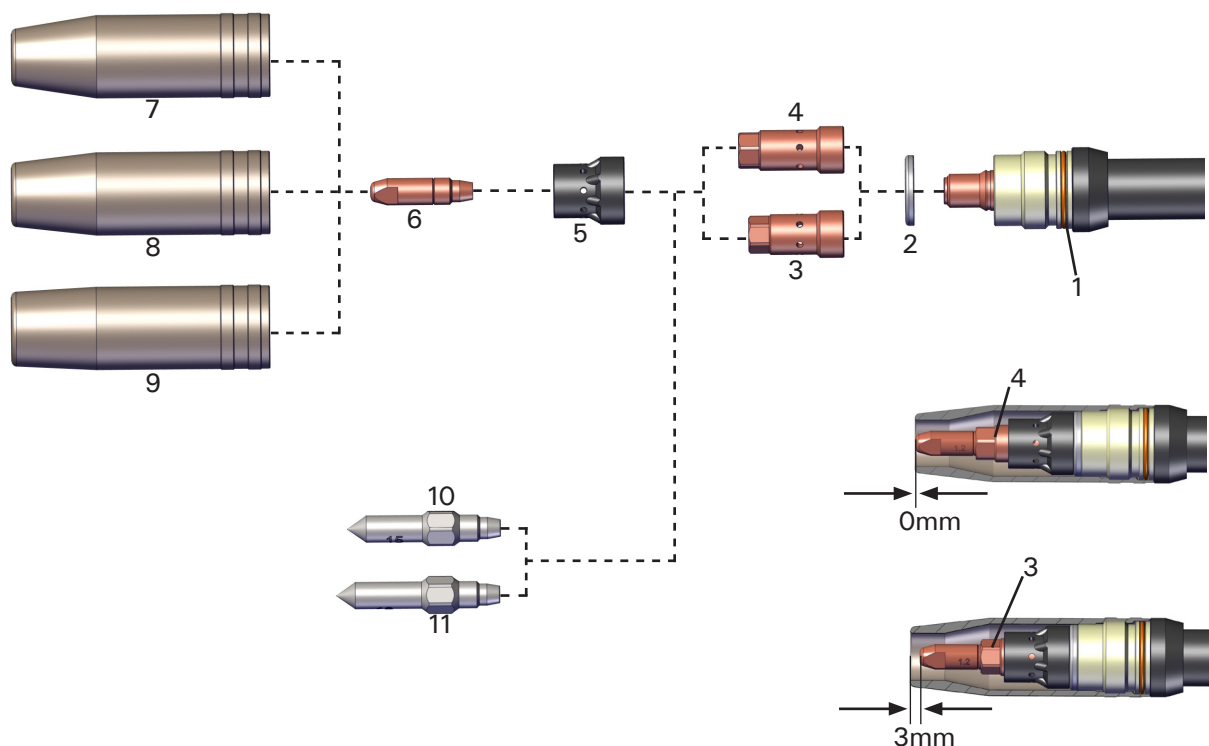


Spare Part List

Pos.	Part No.	Description	Pos.	Part No.	Description
1	2001M6000	Torch neck M-AR 5.2W, 0°	5	7050223S	Neck-Liner (Ø0.8-1.4) (5) incl. cutting aid
2	2001M6225	Torch neck M-AR 5.2W, 22,5°		7050224S	Neck-Liner (Ø1.2-1.6) (5) incl. cutting aid*
3	2001M6450	Torch neck M-AR 5.2W, 45°	6	2004M00562	Torch neck nut
4	7050230	Collet for Neck-Liner Ø4.0mm (PU=5)	7	0041100	O-ring 4x1.1mm (PU=20)
	7050231	Collet for Neck-Liner Ø4.7mm (PU=5)	8	0051200	O-ring 5x1.2mm (PU=20)

*Acts as a tool to ensure accurate trimming of the Neck-Liner!

Spare parts M-AR 5.2W



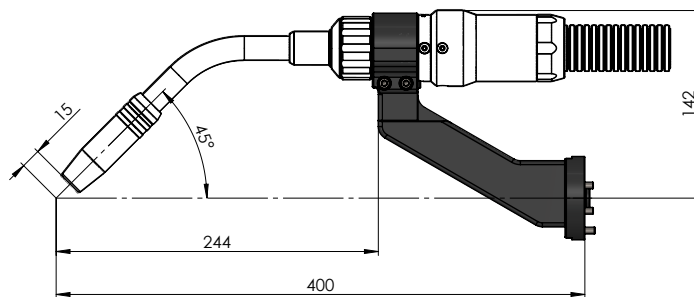
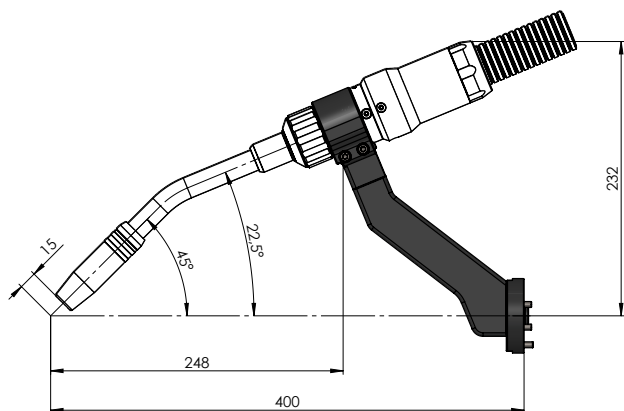
Spare Part List

Pos.	Part No.	Description	Pos.	Part No.	Description
1	20010160	O-ring, 20.0x1.6mm, heavy duty (PU=5)	7	2001600201	Gas nozzle, screw-on con. NW13 l=76mm (PU=5)
2	2410205	Insulating ring (PU=3)	8	20016002	Gas nozzle, screw-on con.. NW15 l=76mm (PU=5)
3	1000350010	Tip adapter M8 Cu short, l=28mm (PU=5)	9	2001600202	Gas nozzle, screw-on con. NW18 l=76mm (PU=5)
4	1000350011	Tip adapter M8 Cu long, l=31mm (PU=5)	10	100033700T1	Teach tip for stickout l=18mm
5	20010151	Gas diffuser (PU=5)	11	100033700T2	Teach tip for stickout l=15mm
6	100038XX	Contact tip M8-8, Ø in mm / E-Cu (PU=10)	no fig.	75105105	O-ring lube
	100037XX	Contact tip M8-8, Ø in mm / CuCrZr, (PU=10)			

Tips available in Ø 0.8/1.0/1.2/1.4/1.6 mm.
Please insert wire diameter at **XX**.
Example: Ø1.0 mm is: 10; Part No.: = 100038**10**

Torch holders

Torch holders without safety of mechanism connection

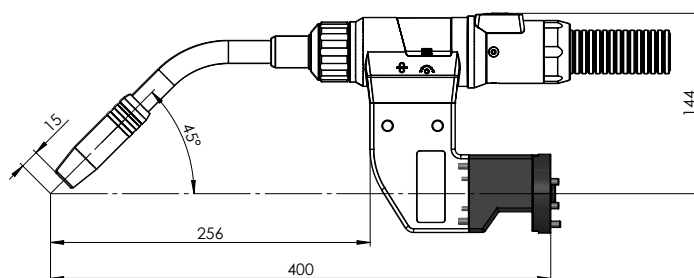
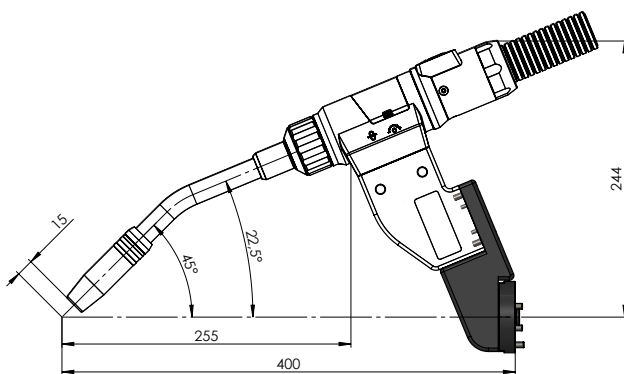


Torch holder 22,5° for torch neck 22,5°

Part No.	Description
2004200524	Torch holder cpl. M-AR 22,5°

Torch holder 0° for torch neck 45°

Part No.	Description
2004200534	Torch holder cpl. M-AR 0°



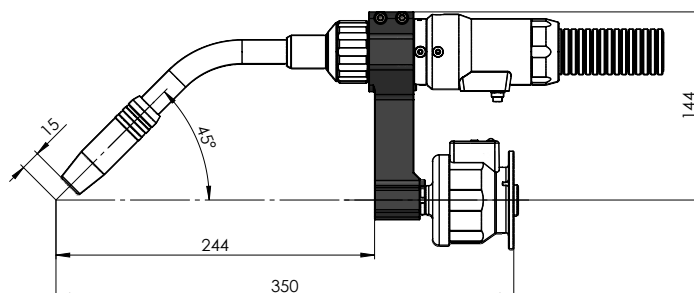
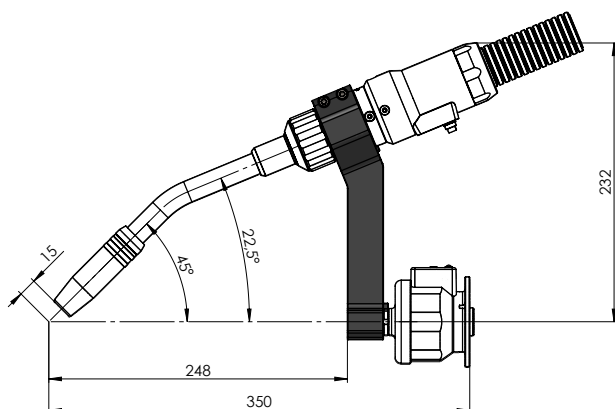
Adapter plate 22,5° PP for torch neck 22,5°

Part No.	Description
20042005636	Adapter plate 22,5° PP

Adapter plate 0° PP for torch neck 45°

Part No.	Description
20042005635	Adapter plate 0° PP

Torch holders with safety of mechanism connection

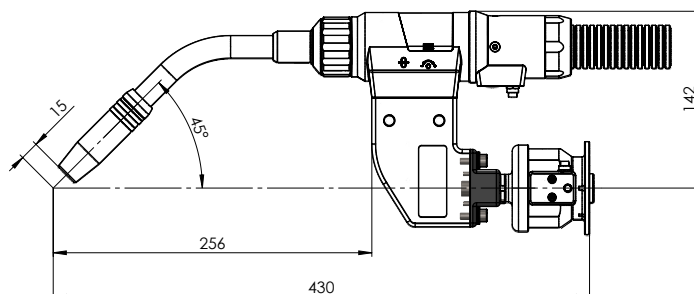
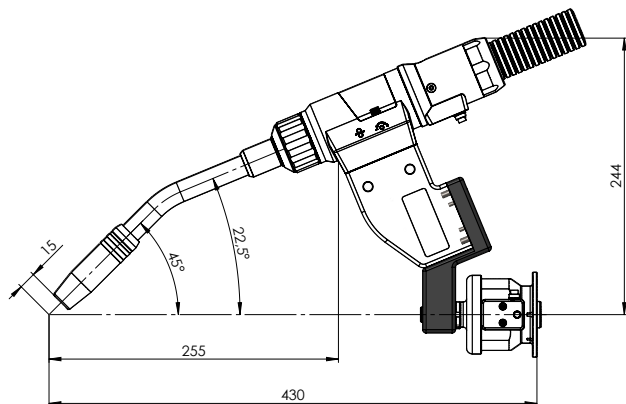


Torch holder 22,5° for torch neck 22,5°

Part No.	Description
2004200525	Torch holder cpl. M-AR 22,5° for safety of mechanism ARB-2

Torch holder 0° for torch neck 45°

Part No.	Description
2004200535	Torch holder cpl. M-AR 0° for safety of mechanism ARB-2



Adapter plate 22,5° PP for torch neck 22,5°

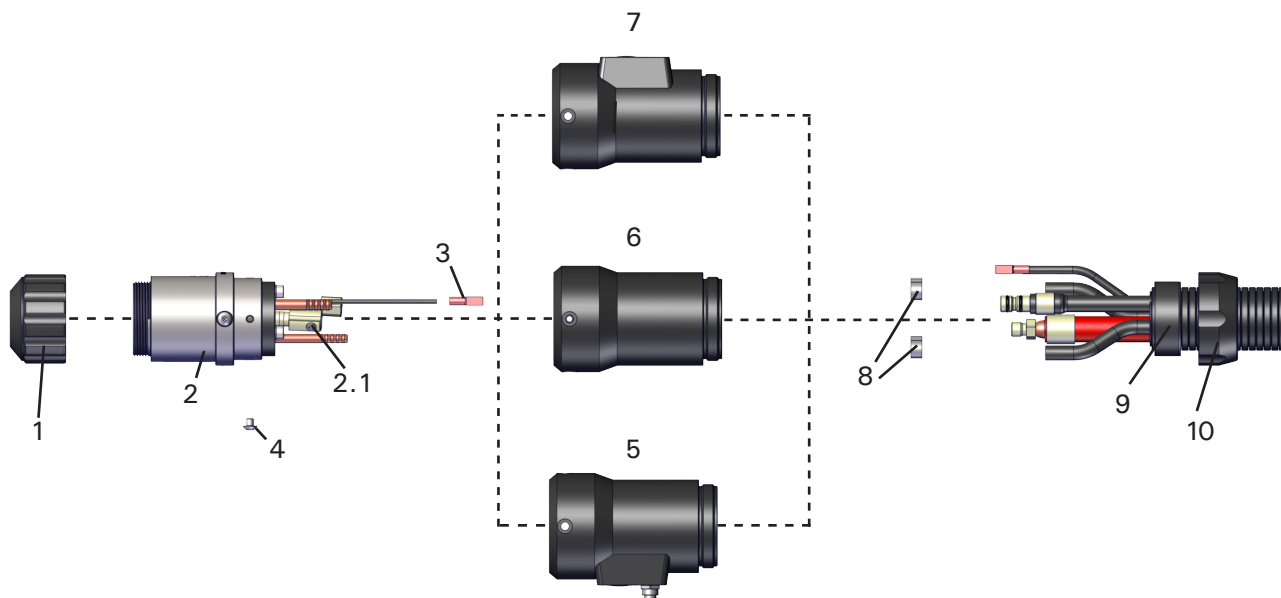
Part No.	Description
20042005637	Adapter plate cpl. M-AR 22,5° for safety of mechanism ARB-2

Adapter plate 0° PP for torch neck 45°

Part No.	Description
20042005638	Adapter plate cpl. M-AR 22,5° for safety of mechanism ARB-2

Torch mount M-AR 5.2W

Torch mount standard

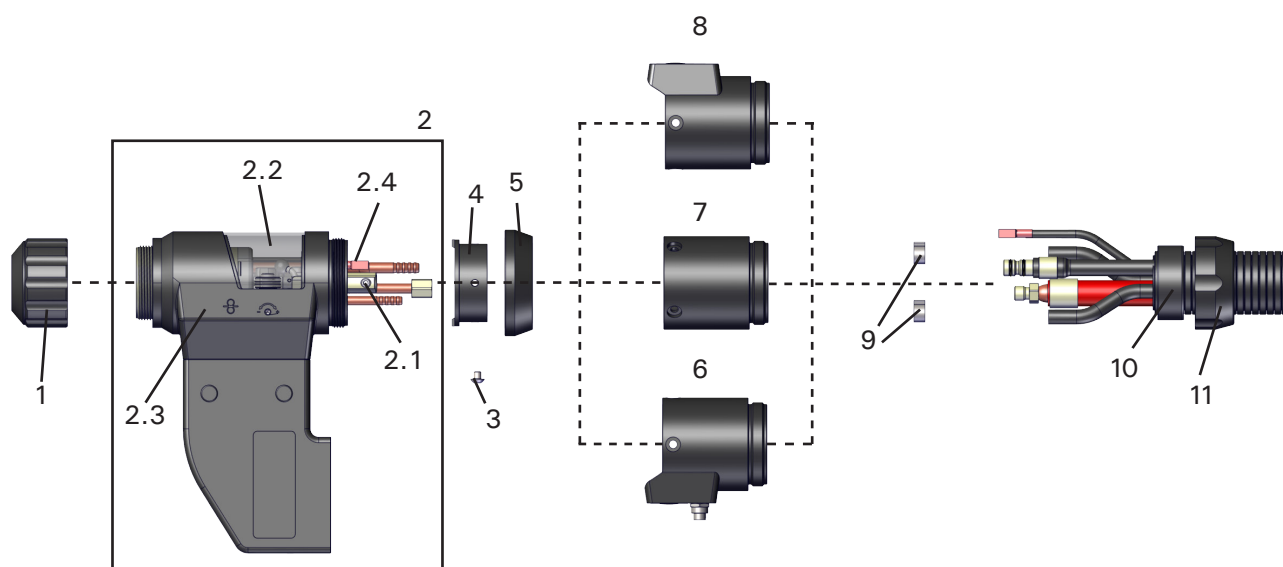


Spare Part List

Pos.	Part No.	Description	Pos.	Part No.	Description
1	2004M00562	Torch neck nut	6	20040054024	Kink protection
2	2004M00533	Torch mount M-AR 5.2W	7	20040054023	Kink protection for trigger
2.1	000F241	Set screw M5x5 (PU=5)	8	03210871	Single ear clamp D=8,7 (PU=100)
3	000F338	Male electrical connector, insulated (PU=20)	9	2004005411	Ring for nut
4	0040401	Screw M4x4 (PU=10)	10	2004005410	Nut for kink protection
5	20040054022	Kink protection for trigger and ARB-2 ready			

Torch mount M-AR 5.2W-Push-Pull

Torch mount Push-Pull



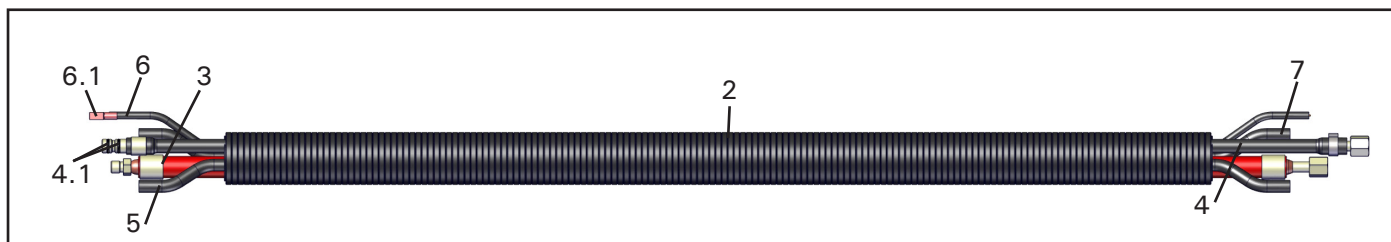
Spare Part List

Pos.	Part No.	Description	Pos.	Part No.	Description
1	2004M00562	Torch neck nut	4	2004005403	Ring for kink protection
2	2004M005830	Torch mount PP cpl.	5	20040054031	Adapter for kink protection
2.1	000F241	Set screw M5x5 (PU = 5)	6	20040054026	Kink protection PP for trigger and ARB-2 ready
2.2	994100181	Cover for PP housing	7	2004005402	Kink protection PP
2.3	994100210	PP housing cpl.	8	20040054021	Kink protection PP for trigger
2.4	000F338	Male electrical connector, insulated (PU = 20)	9	03210871	Single ear clamp D = 8,7 (PU = 100)
3	0040401	Screw M4x4 (PU = 10)	10	2004005411	Ring for nut
			11	2004005410	Nut for kink protection

Cable hose package M-AR 5.2W

Standard cable hose package

1



Spare Part List

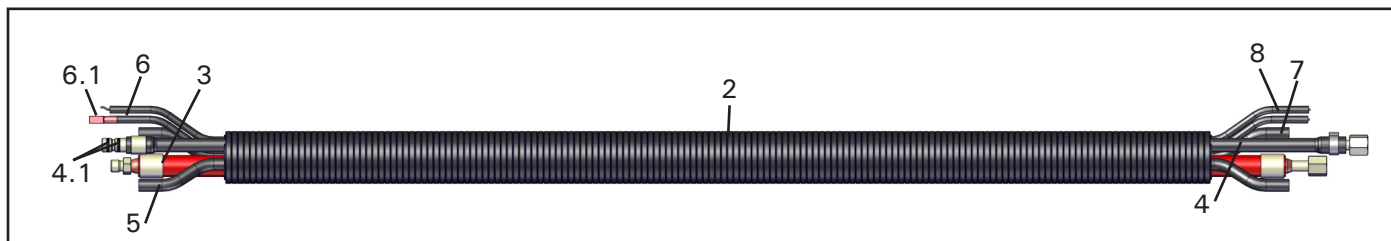
Pos.	Part No.	Description	Pos.	Part No.	Description
1	2004M83940	Cable hose package standard M-AR 5.2W 4.0m	4.1	0171200	O-ring 17x1.2mm (PU = 20)
	2004M839401	Cable hose package for trigger M-AR 5.2W 4.0m	5	0550111	Gas hose Ø4x1.5mm (PU = 100m)
	2004M839402	Cable hose package for trigger and ARB-2 ready M-AR 5.2W 4.0m	6	0500102	Control cable 1-polig (PU = 100m)
2	2004M84740	Cover hose for 4.0m torch cpl.	6.1	24153041	Female electrical connector, insulated (PU = 20)
3	2004M84140	Power cable for 4.0m torch cpl.	7	0550104	Water hose black Ø5.0x1.5 (PU = 100m)
4	2004M84640	Outer liner for 4.0m torch cpl.			

Different lengths on request!

Cable hose package M-AR 5.2W-Push-Pull

Standard cable hose package for push-pull

1



Spare Part List

Pos.	Part No.	Description	Pos.	Part No.	Description
1	2004M939 XX	Cable hose package PP standard M-AR 5.2W X m	4.1	0171200	O-ring 17x1.2mm (PU = 20)
	2004M939 XX 1	Cable hose package PP with trigger M-AR 5.2W X m	5	0550111	Gas hose Ø4x1.5mm (PU = 100m)
	2004M939 XX 2	Cable hose package PP with trigger and ARB-2 ready M-AR 5.2W X m	6	0500102	Control cable 1-polig (PU = 100m)
2	2004M847 XX	Cover hose for X m torch cpl.	6.1	24153041	Female electrical connector, insulated (PU = 20)
3	2004M841 XX	Power cable for X m torch cpl.	7	0550104	Water hose Ø5.0x1.5mm (PU = 100m)
4	2004M846 XX	Outer liner for X m torch cpl.	8	92250050	Control cable for motor (PU = 50m)

Different lengths available in 4/6m. Please insert your length at **XX**.

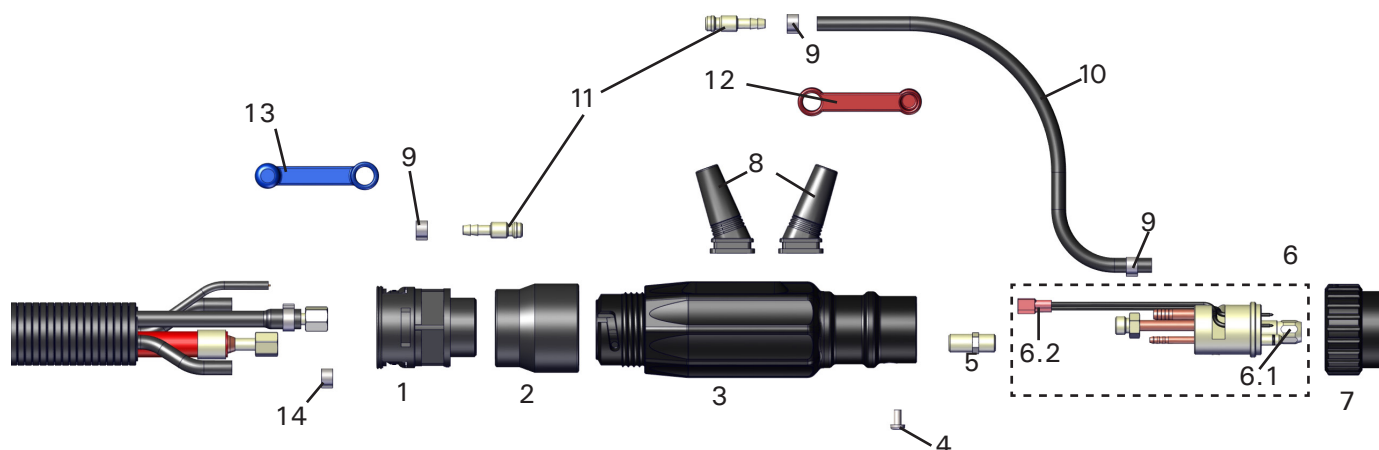
For example: Power cable in 4m length is: 40;

Part No.: = 2004M841**40**

Different lengths on request!

Machine-side connection for M-AR 5.2W

Euro-connector with water: plug-in nipple NW5



Spare Part List

Pos.	Part No.	Description	Pos.	Part No.	Description
1	35004999	Hose adapter	9	03211001	Single ear clamp D = 10.0 (PU = 100)
2	2411692	Adapter for gun plug housing	10	0550104	Water hose black Ø5.0x1.5mm (PU = 100m)
3	2411600S1	Gun plug housing	11	2990800	Plug-in nipple NW5 (PU = 10)
4	0040601	Screw M4x6 (1) (PU = 20)	12	45050340	Water stop red (PU = 10)
5	2411501	Threaded nipple (PU = 10)	13	45050339	Water stop blue (PU = 10)
6	2411505	Euro-connector, water-cooled	14	03210871	Single ear clamp D = 8.7 (PU = 100)
6.1	2151501	Liner positioner nut			
6.2	2155100	Female Electrical Connector, insulated (PU = 20)			
7	2151700	Plug nut			
8	6051610	Rubber kink protection (PU = 2)			

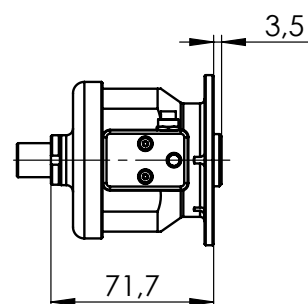
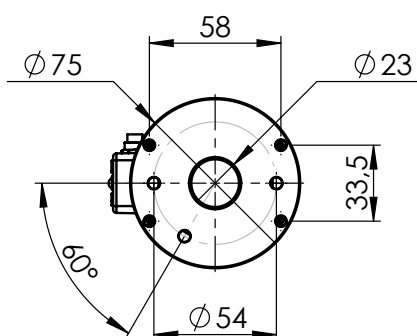
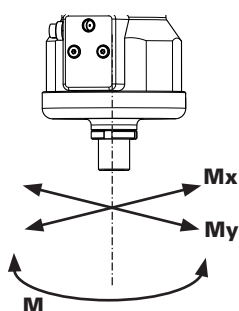
**Intermediate flange for Cobots and Robots****Order information**

Suitable for Cobot	Part No.:	Description	Length [mm]
Universal Robots: UR	2004006U1	Intermediate flange cpl. with screws	10
	2004006U3	Intermediate flange cpl. with screws	70

Different intermediate flange on request!

**Safety of mechanism ARB-2****Order information**

Type	ARB-2 medium	ARB-2 medium plus	ARB-2 max
Part No.	20040034	20040036	20040037
Principle	mechanical		
Switching contact	Break contact max. 24 V / 20 mA		
Reset (automatic)	+/- 0,2 mm with a distance of 400 mm from flange		
Weight	ca. 0,56 kg		
Deflection	+/- 14°		
Rotatable	360°		
Tightening torque of the safety of mechanism	4 Nm		
Trigger moment (Mx, My)	14 Nm	25 Nm	33 Nm



Accessories:

Helix cable 3-pol. cpl. (20040027)



Spare Part Set

Starter-set for M-AR 5.2W



Starter-set M-AR 5.2W (99400001649), consists of:

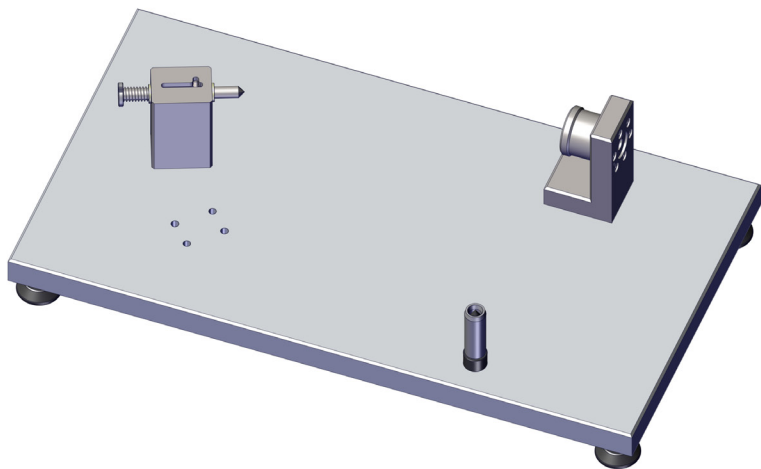
Part No.	Descriptions	Part No.	Descriptions
10003710	Contact tip M8-8, Ø1.0mm / CuCrZr, (10x)	2410205	Insulating ring (3x)
10003712	Contact tip M8-8, Ø1.2 mm / CuCrZr, (10x)	0041100	O-ring 4x1.1mm (20x)
20010160	O-ring 20.0x1.6mm, heavy duty (3x)	0051200	O-ring 5x1.2mm (20x)
20016002	Gas nozzle, screw-on con. NW15 l=76mm (2x)	7050230	Collet for Neck-Liner Ø4.0mm (1x)
20010151	Gas diffuser (3x)	7050231	Collet for Neck-Liner Ø4.7mm (1x)
1000350010	Tip adapter M8 Cu short, l=28mm (2x)	75105105	O-ring lube (1x)
1000350011	Tip adapter M8 Cu long, l=31mm (2x)		

!Neck-Liner and wire conduits must be ordered separately (see on page 24)!



Testing gauge and teach tips

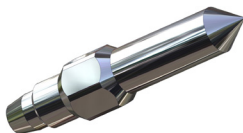
Testing gauge



Order information

Suitable for torch neck	Part No.	Description
M-AR 5.2W 22,5° / 45°	2001M001P01	Testing gauge M-AR 5.2W for 22,5° / 45°

Teach tips

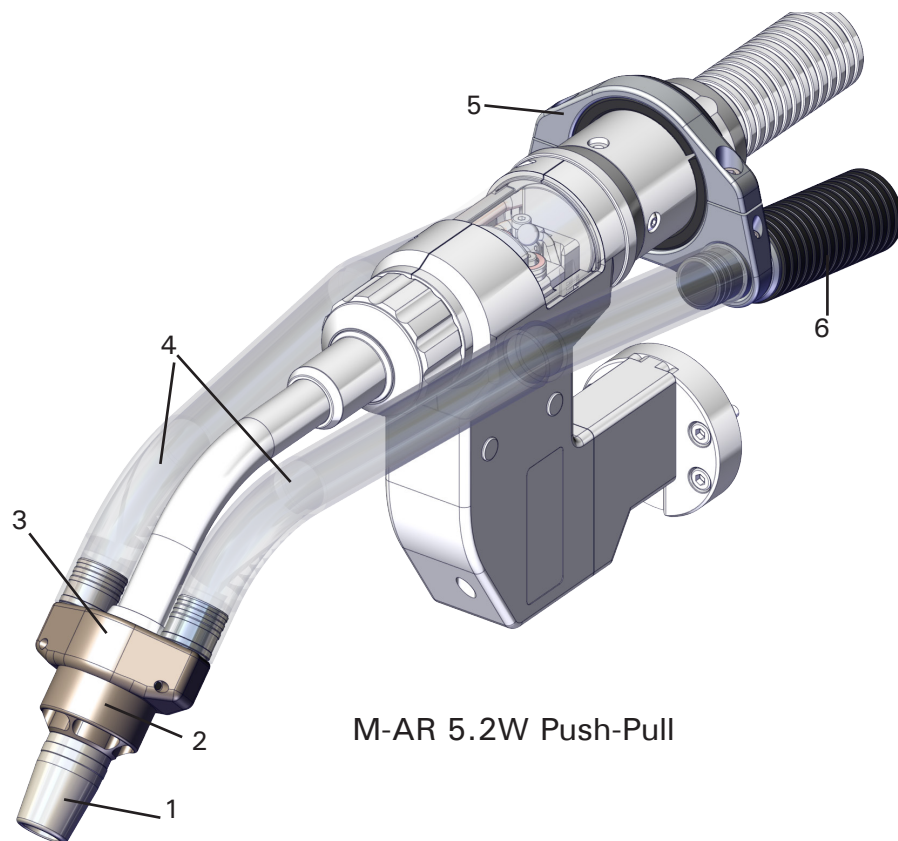


Spare Part List

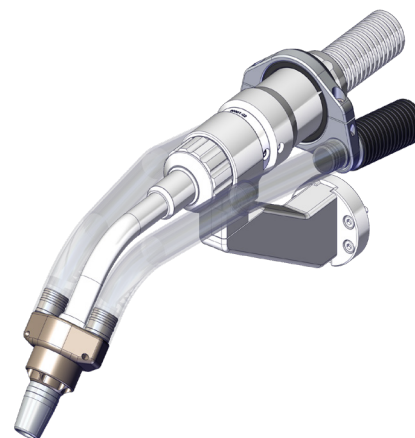
Part No.	Description	Part No.	Description
100033700T0	Tech tip-set (15/18mm)	100033700T2	Teach tip for stickout l = 15mm
100033700T1	Teach tip for stickout l = 18mm		

Fume extraction set AiR WeldGuard®

The AiR WeldGuard® extraction set captures welding fumes directly at the source, ensuring optimal air cleanliness throughout the entire welding process. Emissions exposure for operators and the surrounding environment is significantly **reduced, providing enhanced workplace safety.**



M-AR 5.2W Push-Pull



M-AR 5.2W standard

Fume extraction set

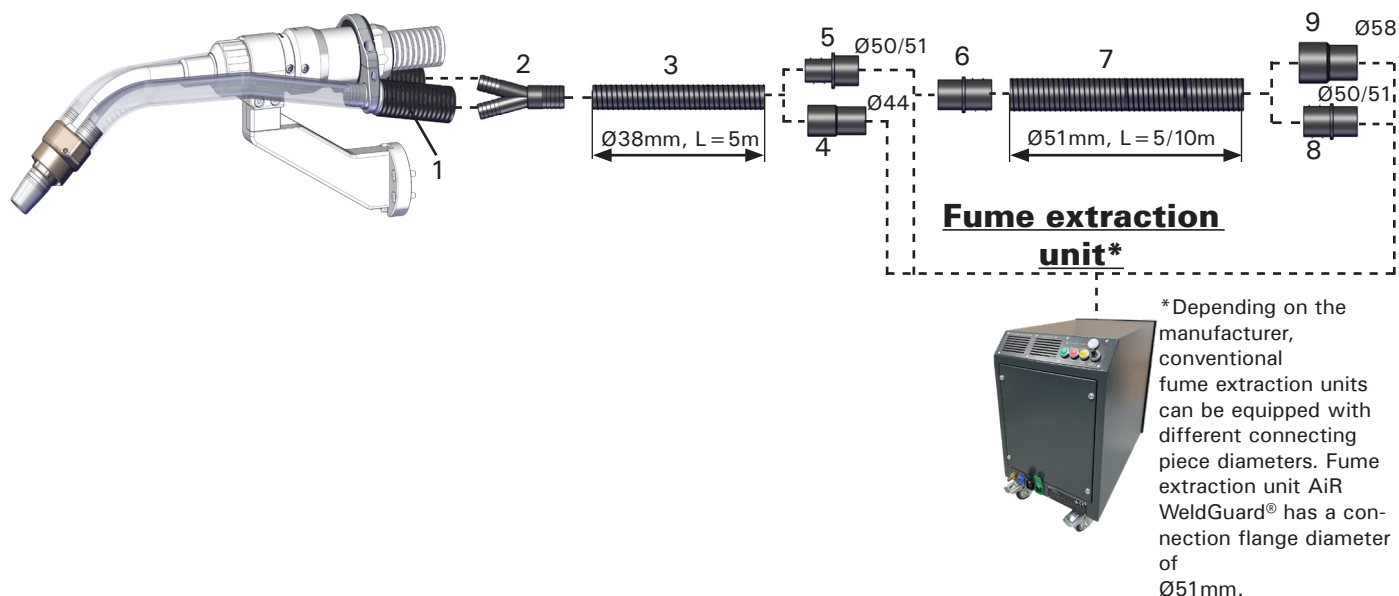
Description	Part No.	Consists of:	
AiR WeldGuard® fume extraction set suitable for torch neck M-AR 5.2W	1010305SET01	1x 10103050 1x 10103051 1x 10103052 5x 20016004	2x 101030550 2x 101030551 1x 10103053 1x 10103054 1x 0550501-5

Spare Part List

Pos.	Part No.	Description	Pos.	Part No.	Description
1	20016004	AiR WeldGuard® gas nozzle, screw-on con. NW15 l = 35mm (PU = 5)	6	101030550	Extraction hose l = 0,3m, LW25 (PU = 2)
2	10103050	AiR WeldGuard® fume extraction nozzle M-AR 5.2W	no fig.*	10103053	Y-connector AiR WeldGuard® LW25 for LW38
3	10103051	Connection plate 180° AiR WeldGuard® M-AR 5.2W	no fig.*	0550501-5	Extraction hose l = 5m, LW38mm
4	101030551	Extraction hose LW19 (PU = 2)	no fig.*	10103054	Suction adapter Ø45 for Ø38mm hose
5	10103052	Holder for fume extraction AiR WeldGuard® M-AR 5.2W			

*For fig. see page 22!

Extraction hoses and extraction accessories



Spare Part List

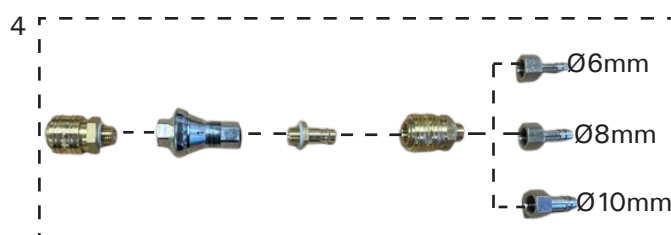
Pos.	Part No.	Description	Pos.	Part No.	Description
1	101030550	Extraction hose l=0,3m, LW25 (PU = 2)	6	101030582	Female coupling Ø50 for 51mm hose
2	10103053	Y-connector AiR WeldGuard® LW25 for LW38	7	055050151-5	Extraction hose, LW51, L = 5m
3	0550501-5	Extraction hose l=5m, LW38mm		055050151-10	Extraction hose, LW51, L = 10m
4	10103054	Suction adapter Ø44 for Ø38mm hose	8	101030581	Male coupling Ø50 for 51mm hose
5	101030580	Male coupling Ø50 for 38mm hose	9	101030540	Suction adapter Ø58 for 51mm hose

Extraction unit Minivac 200D and accessories



Technical data

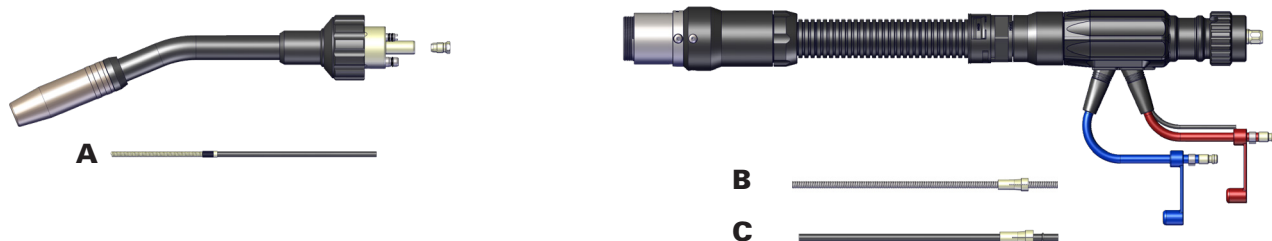
Connection voltage:	230V / 50Hz
Engine output:	1,5kW
Extraction capacity:	170 m³/h
Negative pressure max.:	35000Pa
Minimum air flow rate:	80m³/h
Ø-connection flange:	Ø51mm
Separation level >	99,8%
Noise level (at 100% extraction capacity):	max.65 dB(A)
Dimensions (LxBxH):	700mm x 440mm x 585mm
Weight:	45kg
Filtering methods:	Cleaning filter
Filter cleaning:	Automatic
Filter area approx.:	5m²
IFA-approval:	W3-tested
Test mark	CE



Spare Part List

Pos.	Part No.	Description
1	10080021	AiR WeldGuard® extraction unit FUMATOR® Minivac 200D, U/D-ready, 7-color light signal, 230V/50Hz (Pos. 3 (3m) included)
2	1008002001	AiR WeldGuard® automatic start/stop sensor cable with pliers for Minivac 200D, length 4m
3	1008002002	AiR WeldGuard® mains connection cable 3m cpl. for Minivac 200D with Neutrik and Schuko plug
	1008002003	AiR WeldGuard® mains connection cable 6m cpl. for Minivac 200D with Neutrik and Schuko plug
no fig.	1008002101	Filter cartridge with 5m² filter area with two open ends mechanical Ø 325 x 300 made of polyester fleece
no fig.	1008002102	Filter mats (= 5 pcs) for external air intake Minivac
4	1008002004	Compressed air connection set 5 bar AiR WeldGuard® for extraction unit (saves the pressure reducer)

Wire conduits and Neck-Liners



Neck-Liner - Torch neck M-AR 5.2W (PU=5) incl. cutting aid

(Aluminium (AlMg, AlSi etc.), Stainless steel (chrom-nickel, VA, V2A etc.), Special alloys (CuSi etc.), Carbon steel (structural steel, G3Si1, SG2 etc.))

A	Wire-Ø [mm]	Part No.	Color	Collet (PU = 5)	Fig.
	0.8 - 1.4	7050223S	anthracite	7050230	
	1.4 - 1.6	7050224S	anthracite	7050231	

Steel liners, not insulated – for Euro-connection

(Carbon steel, structural steel, G3Si1, G4Si1, SG2, SG1 etc.)

B	Wire-Ø [mm]	Dimension [mm]	Color	Collet (PU = 10)	Fig.	Liner cpl.	Bundles (50m)
	0.8 - 1.0	1.5 x 4.0	not insul.	2155740		34015X1S*	3401500
	1.0 - 1.2	2.0 x 4.5	not insul.	2415747		34520X1S*	3452000
	1.2 - 1.6	2.5 x 4.5	not insul.	2415747		34525X1S*	3452500

PTFE liners – for Euro-connection

(Aluminium (AlMg, AlSi etc.), Stainless steel (chrom-nickel, VA, V2A etc.), Special alloys (CuSi etc.), Carbon steel (structural steel, G3Si1, SG2 etc.))

C	Wire-Ø [mm]	Dimension [mm]	Color	Collet (PU = 10)	Fig.	Liner cpl.	Bundles (100m)
	0.8 - 1.0	1.5 x 4.0	blue	2155740		34115X0*	3411500
	1.0 - 1.2	2.0 x 4.0	red	2155740		34120X0*	3412000
	1.2 - 1.6	2.7 x 4.7	yellow	2415747		34727X0*	3472700

O-Rings part no. is 0031500 (PU = 10).

PA liners – for Euro-connection

(Aluminium (AlMg, AlSi etc.), Stainless steel (chrom-nickel, VA, V2A etc.), Special alloys (CuSi etc.), Carbon steel (structural steel, G3Si1, SG2 etc.))

C	Wire-Ø [mm]	Dimension [mm]	Color	Collet (PU = 10)	Fig.	Liner cpl.	Bundles (100 /200m)
	0.8 - 1.0	1.5 x 4.0	anthracite	2155740		35314X0*	3531400
	0.9 - 1.2	2.0 x 4.0	anthracite	2155740		35220X0*	3522000-200
	1.2 - 1.6	2.3 x 4.7	anthracite	2415747		35323X0*	3532300-200

O-Rings part no. is 0031500 (PU = 10).

*Wire conduits and liners available in standard lengths in 3/4/5/6 m. Please insert the length at X.

For Example: 4,0m is: 4; Part No.: = 3452041S

Contact us for different lengths.



Legal Information:

Autogen-Ritter GmbH
Otto-Lilienthal-Ring 5
85622 Feldkirchen-München
Phone: +49(0) / 427230-0
info@autogenritter.com
www.autogenritter.com

Autogen-Ritter GmbH® reserves the right to make changes to this catalogue at any time without prior notice. Autogen-Ritter GmbH® cannot be held responsible for any inaccuracies or inappropriate information in this catalogue that may be necessary due to improvements to this product. However, these changes will be taken into account in the new edition. The manufacturers are named solely for the purpose of easier identification. The products listed are compatible with the manufacturers specified, but may not be original parts from the manufacturer. All trademark rights belong to the respective owner; there is no connection to Autogen-Ritter GmbH®.

Copyright notice

All parts of the catalogue are protected by copyright. All rights reserved. Any reproduction or distribution in whole or in part is prohibited. No part of the documentation may be copied, transmitted, reproduced, stored in other electronic media or reproduced in a mechanically readable form. In any case, the express prior written consent of the manufacturer is required for this. The creation and revision of the catalogue is the sole responsibility of Autogen-Ritter GmbH®.



Autogen-Ritter GmbH® – Welding technology with tradition, innovation and customisation.

For over 100 years, Autogen-Ritter GmbH® has stood for quality, innovation and technical precision in the field of welding technology. With our own development and design capabilities, we create customised solutions that are precisely tailored to our customers' requirements, from one-off production to series production.

Our portfolio includes high-performance TIG, plasma welding and GMAW welding torches for manual and automated applications. Our products are used worldwide in a wide range of industries, including crane and pipeline construction, the automotive industry, pipeline construction and additive manufacturing.

With technical expertise, a high degree of vertical integration and close customer relationships, Autogen-Ritter® is your strong partner for sophisticated welding technology.

In addition to information about the products on our website, we also offer catalogues for the respective areas:

TIG manual torches



TIG cladding torches



GMAW fume extraction torches





AUTOGEN-RITTER GmbH

Arc-welding torches MIG-MAG WIG/TIG Plasma Spare parts

Quality Welding Solutions since 1920.



Autogen-Ritter GmbH
Otto-Lilienthal-Ring 5
85622 Feldkirchen-München
Phone: +49 (0) 89 427230-0
info@autogenritter.com
www.autogenritter.com