

# ADDITIONAL EQUIPMENT

Powder equipment  
Nozzle seat reamer  
Measuring device  
Repair kits / Gasket kits  
Pressure gauge

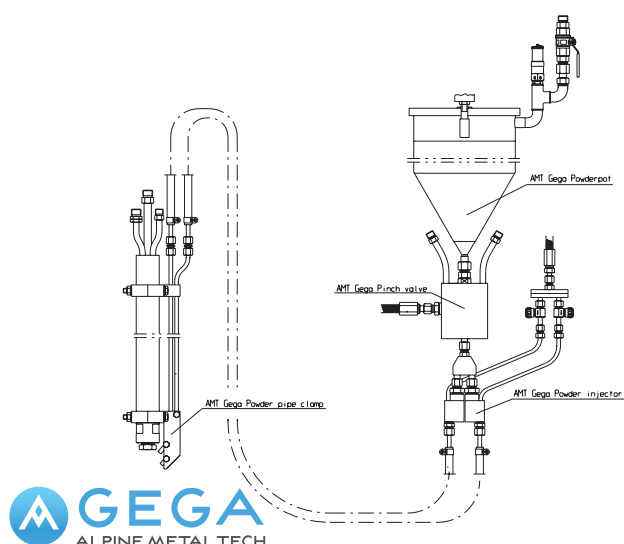
# POWDER EQUIPMENT

## ADDITIONAL EQUIPMENT

The autogenous process is conventionally limited to certain types of steel. In order to extend these limits, AMT Gega offers a powder system. By inserting Fe powder into the cutting jet, a temperature increase is generated, with which the processing of an extended product range is made possible.

The optionally available AMT Gega powder system is specially adapted to AMT Gega machines. By using sophisticated components within the system, a high process safety is achieved. Whether manual operation or automatic mode, an optimum powder flow is always provided. The AMT Gega Powder equipment consists of the AMT Gega Powderpot, AMT Gega Pinch valve, AMT Gega Powder Injector and AMT Gega Powder pipe clamp. Optionally, the powderflow can be designed in a double and a single outlet.

Feeding of iron powder into the cutting jet is facilitated via a tube running parallel to the torch. This tube is fitted in front of the torch regarding the cutting direction. The iron powder is fed through components positioned between the container for iron powder and the feed pipe. The container for iron powder is equipped with a level indicator. It can be filled manually either on the platform or at the machine, depending on its position.



### MAIN CHARACTERISTICS

Application: Cutting of stainless steel

Variations: Stationary & movable

Optional: Air dryer, powder container in front of the machine (for automatic refilling of the containers on the machine), alignment of the iron powder feed pipe at the torch according to the cutting direction (longitudinal resp. transversal)

Characteristics: Highest quality standard. Long lifetime. Well-developed ergonomics. Optimum safety (longitudinal resp. transversal)

GeGa Service: Planning, design and supply of the powder equipment, provision of spare parts, retrofitting of powder equipment on existing machines.



# PRESSURE MEASURING DEVICE ADDITIONAL EQUIPMENT

Due to the varying structure of AMT Gega machines, there are also various line resistances. In order to measure the optimum pressure in any cutting system, measurement points are set up at defined positions. The necessary components for these measurement points are the available as AMT Gega pressure measuring devices. In the instance of torches, a measuring boss is integrated between the torch connection and the hose connection, facilitating reading and adjustment of the optimal torch pressure. In connection with the AMT Gega measuring coupling, this measurement point can remain permanently installed.



EU standard connection

ITEM NO.	103507	103508	103509	112481	112479	112480
MEDIUM	Heating oxygen	Cutting oxygen	CPM	Heating oxygen	Cutting oxygen	CPM
CONNECTION						
Inlet 1	G 3/8" M	G 1/2" M	G 1/2" LH M	G 3/4" M	G 1" M	G 1"LH M
Outlet 1	G 3/8" F	G 1/2" F	G 1/2" LH F	G 3/4" F	G 1" F	G 1"LH M
DIMENSIONS (mm)						
Height	180	180	180	180	180	185
Width	20	20	20	30	30	30
Length	72	82	82	110	116.5	116.5
APPLICABLE TORCHES						
SB 500 F	+	+	+			
SB 1200				+	+	+

US standard connection

ITEM NO.	112701	112831	112702
MEDIUM	Heating Oxygen	Cutting Oxygen	CPM
CONNECTION			
Inlet 1	UNF/JIC 1 1/16 M	UNF/JIC 1 1/16 M	UNF/JIC 7/8 M
Outlet 1	UNF/JIC 1 1/16 F	UNF/JIC 1 1/16 F	UNF/JIC 7/8 F
DIMENSIONS (mm)			
Height	185	185	181
Width	20	20	20
Length	110	110	90
APPLICABLE TORCHES			
SB 500 F	+	+	+
SB 1200			

# NOZZLE SEAT REAMER ADDITIONAL EQUIPMENT

For the maintenance of torches, AMT Gega provides a tool to remill the nozzle seat, a great way of extending equipment lifetime after numerous nozzle changes.



ITEM NO.	110411	112267	111379	103304	110837
APPLICABLE TORCHES					
SB 500 F	+				
SBK 500 F	+				
SB 800 F		+			
SB 1200			+		
SHBA (S) 1280				+	
SHBA (S)-M(S) F	+				
MST 1500					+
MST 1200 CGA					+
SHF 100-F-1500					+



# GASKET REPAIR SET

## ADDITIONAL EQUIPMENT

Several repair kits and gasket sets have been compiled for the maintenance of AMT Gega regulating units. The range starts with a basic set and goes right up to specially compiled sets for the various construction stages.

The scope of delivery includes seals and mechanically strained wearing components.

The components of the gasket set include special seals for the regulator type and a suitable O-ring set.

Please get in touch with our Life Cycle Management team to discuss maintenance by Gega specialists on site.





SERVICE KIT

ITEM NO.	102542	107185	102538	102543	112655	102534	102544
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REGULATORS

GS	1						
GL S	1						
GL S M	1	1					
GL S MS	1	1	1				
GL S MCG	1	1	1				
GL S MSG	1	1	1				
GL D M							2
GL D MCG	1		2	1			
GL D MSG	1		2	1			

VALVES

Typ 966							
Typ 880						1	
Typ 955					1		

SEALING KIT

ITEM NO.	102511	107185	102538	111099	106503	102513	102686	102760
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REGULATORS

GS	1							
GL S	1							
GL S M	1	1						
GL S MS	1	1	1					
GL S MCG	1	1	1					
GL S MSG	1	1	1					
GL D M						1		
GL D MCG			1	1				
K 20							1	
KB(S) 42					1			

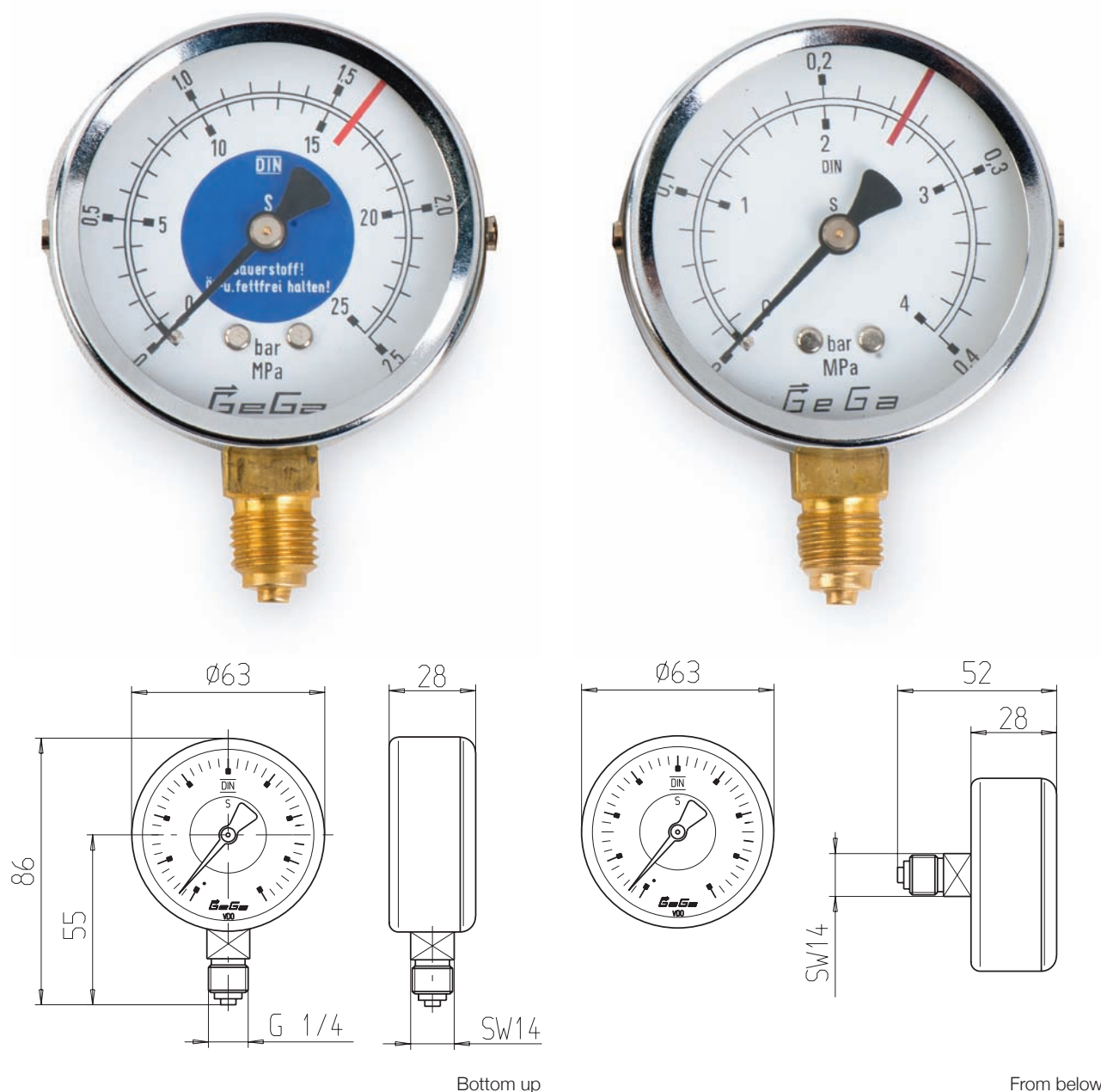
VALVES

Typ 966								1
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# PRESSURE GAUGE

## ADDITIONAL EQUIPMENT

AMT Gega also has manual pressure measuring systems in the product range. The manometers are subject to strict requirements, which apply when dealing with oxygen and CPM. They are also particularly long lasting, due to the stable brass casing and the use of inspection glasses made of safety glass. The high-quality connections made of brass can be attached concentrically behind, or radially below.



PRESSURE GAUGE / BOTTOM UP

ITEM NO.	103481	103482	103483	103484	103485
PRESSURE RANGE					
Pressure range (bar)	0 – 25	0 – 4	0 – 25	0 – 40	0 – 2.5
Pressure range (kg/cm <sup>2</sup> )	–	–	–	–	–
Pressure range (PSI)	–	–	–	–	–
MEDIUM	Oxygen	Oxygen	Oxygen	Oxygen	CPM. water, air

PRESSURE GAUGE / BOTTOM UP

ITEM NO.	103486	103487	103498	103499	103500
PRESSURE RANGE					
Pressure range (bar)	0 – 4	0 – 10	–	–	–
Pressure range (kg/cm <sup>2</sup> )	–	–	0 – 2.5	0 – 4	0 – 25
Pressure range (PSI)	–	–	–	–	–
MEDIUM	CPM, water, air	CPM, water, air	Oxygen	Oxygen	Oxygen

PRESSURE GAUGE / BOTTOM UP

ITEM NO.	103501	103502	103503	113891	113892
PRESSURE RANGE					
Pressure range (bar)	–	–	–	–	–
Pressure range (kg/cm <sup>2</sup> )	0 – 2.5	0 – 4	0 – 10	–	–
Pressure range (PSI)	–	–	–	0 – 100	0 – 300
MEDIUM	CPM, water, air	CPM, water, air	CPM, water, air	Oxygen	Oxygen

PRESSURE GAUGE / FROM BELOW

ITEM NO.	103645	103646	103647	103648
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PRESSURE RANGE

Pressure range (bar)	0 – 4	0 – 25	0 – 40	0 – 2.5
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MEDIUM	Oxygen	Oxygen	Oxygen	CPM, water, air
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PRESSURE GAUGE / FROM BELOW

ITEM NO.	103649	103650	103651	103652
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PRESSURE RANGE

Pressure range (bar)	0 – 4	0 – 10	0 – 1	0 – 16
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MEDIUM	CPM, water, air	CPM, water, air	CPM, water, air	CPM, water, air
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