

EN



**MANOMETAL**

AUTOMATIC LATHES | ASSEMBLING PARTS





**Manometal is a modern and competitive manufacturer of automatic lathes in South Tyrol. Qualified and motivated employees as well as innovative, modern, and flexible manufacturing technologies are Manometal's working capital in the economic powerhouse of South Tyrol.**

The Executive Management, Herbert Schmucker, Jörg Schmucker, and Thomas Ebner, as well as the entire team are meeting a great challenge: to operate – in an international field – an automatic lathe and metal processing plant for high-quality products which we built up

from nothing. In order to achieve this, we planned, researched, worked, and even fought for many years: The results speak for themselves.

A harmonious atmosphere among the in-house trained employees is essential for an economically healthy factory. These employees represent the foundation of our success. And we expend a lot of effort to keep it that way.

Leading industrial concerns in Europe appreciate our goal, which is not only to satisfy, but also delight our customers. A stream of awards, quality certifications, and glowing delivery evaluations testify to this and continue to drive us to maintain this level of excellence.

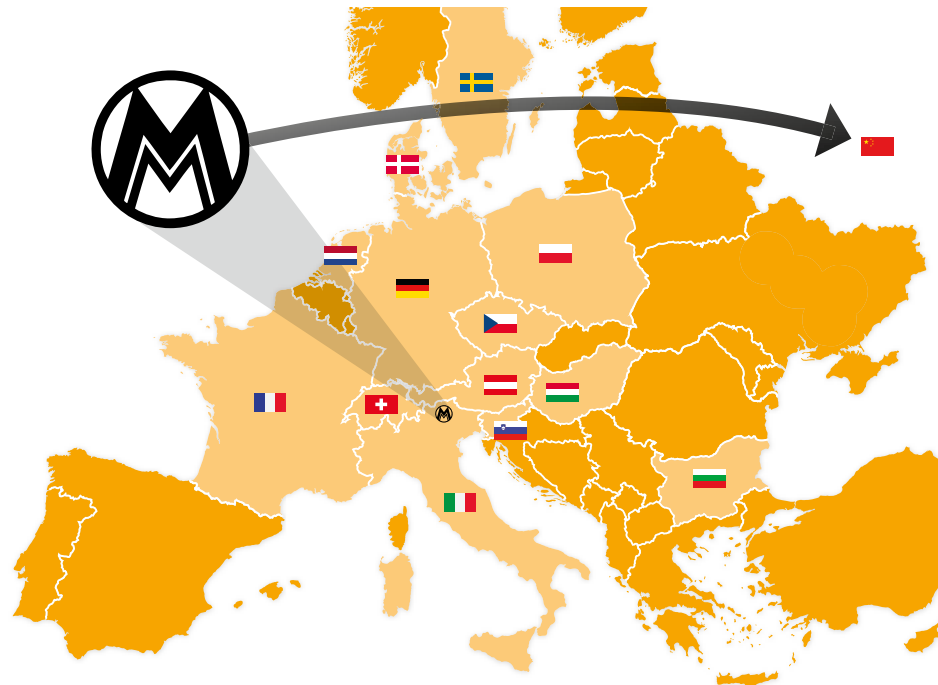


## CUSTOMERS: SUPPORT & DEMANDS

Here at Manometal, we are continuing our efforts to constantly improve the serial manufacture of precision turned parts in keeping with current and international market requirements. To do this, we employ the latest technology. Extremely modern turning technology applied by experienced and highly motivated employees are the main characteristics of Manometal.

In order to comply with these requirements, Manometal constantly invests in the latest CNC automatic lathes and manufacturing stations.

Through the use of high-quality manufacturing processes requiring only low labor costs, together with dependable delivery, Manometal has managed to gain the long-term trust of its customers and counter the encroachment of companies from low-wage countries.

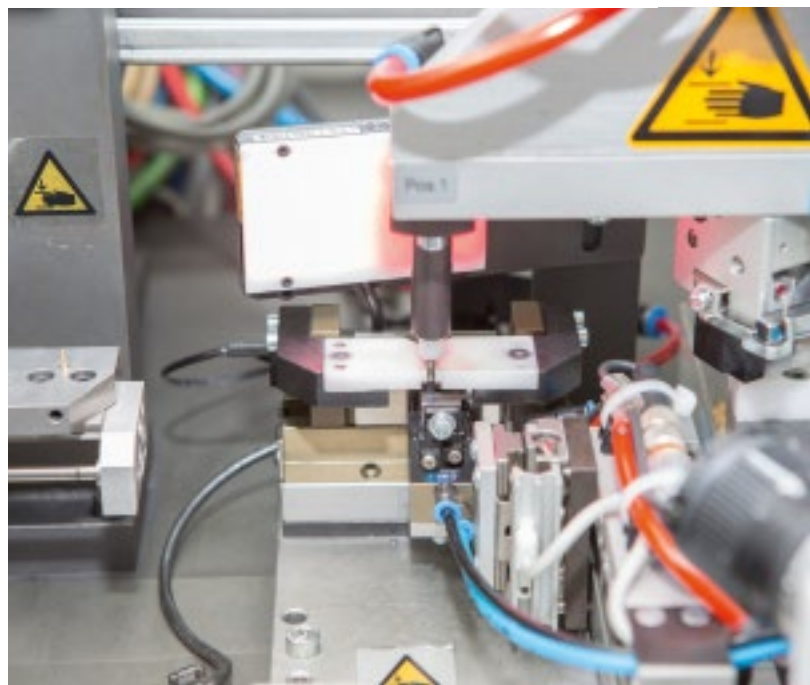
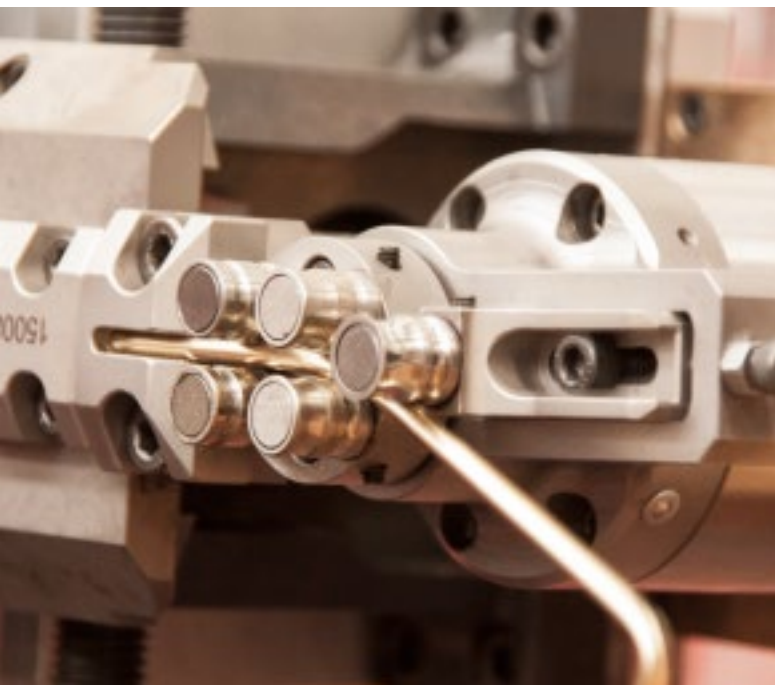




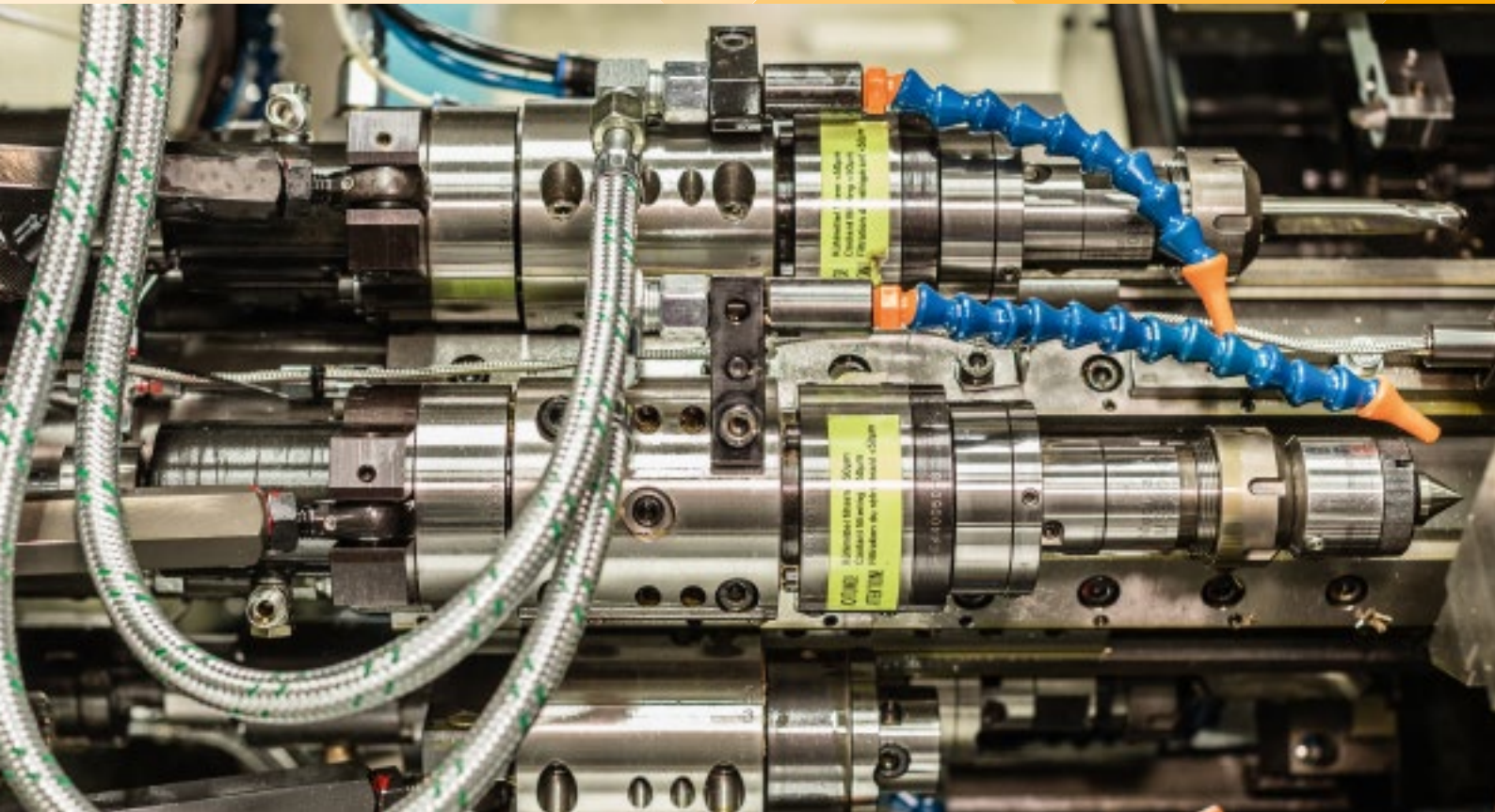
## OUR MANUFACTURING PHILOSOPHY

Long-term in-house and external developments in the machine and manufacturing sector combined with constant in-house employee training yield low-cost work processes. By the same token, our working life is oriented towards Quality Certification

according to ISO 9001, ISO 14001 and OHSAS 18001, which are the cornerstone for the quality, workplace safety, and environmental protection we have achieved and continue to improve.







# MULTI-SPINDLE AUTOMATIC LATHES

## MULTI-SPINDLE

M 10	Gildemeister	GM 16	to Ø 20 mm
M 13	Gildemeister	AS 20	to Ø 20 mm
M 14	Gildemeister	AS 20-28	to Ø 26 mm
M 15	Gildemeister	AS 20-28	to Ø 26 mm
M 16	Gildemeister	AS 20-24	to Ø 24 mm
M 17	Gildemeister	GM 20	to Ø 28 mm
M 18	Gildemeister	GM 20	to Ø 28 mm
M 33	Gildemeister	AS 32 (Mano-Meister II)	to Ø 40 mm
M 38	Gildemeister	GM 32	to Ø 40 mm

In order to produce medium to large piece-numbers of technically advanced and precise turned parts from Ø 6 mm to Ø 40 mm, Manometal is constantly investing in new CNC multi-spindle lathes.

In cam-controlled multi-spindle lathes, we integrate CN-controlled parts like drives, pick-up devices, thread-chasing units, and other devices. As a result, Manometal can achieve a high output of good parts.

Ø 6 mm - Ø 40 mm

## CNC MULTI-SPINDLE AUTOMATIC LATHES

M 20	TORNOS	Multideco 20/8	to Ø 25 mm
M 35	TORNOS	Multideco 32/6	to Ø 32 mm
M 36	TORNOS	Multideco 32/6	to Ø 32 mm
M 37	TORNOS	Multideco 32/6	to Ø 32 mm
M 40	AGM 35	GM 35	to Ø 40 mm

CNC-Tornos 32-6

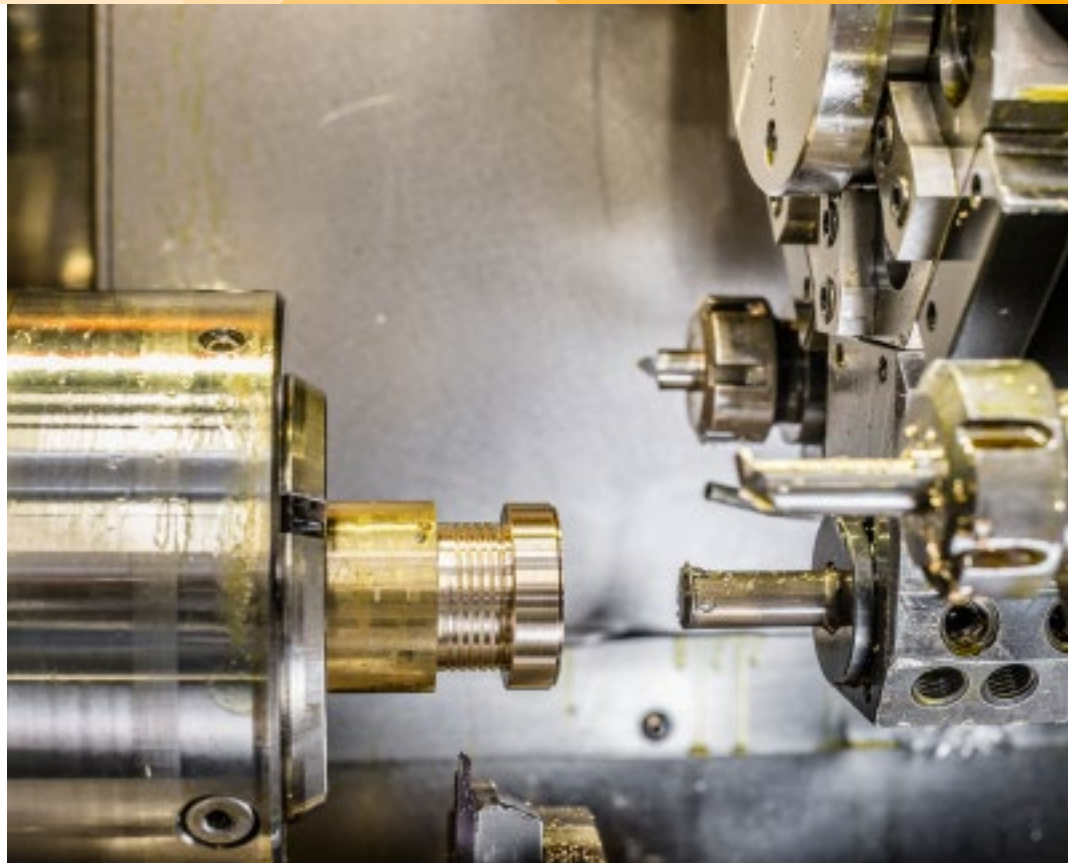


Gildemeister 16-6



Manomeister / Gildemeister AS32





# SINGLE-SPINDLE AUTOMATIC LATHES



## SINGLE-SPINDLE LATHES

E 74	Index	NC 60-MANOINDEX	bis Ø 58 mm
E 76	Index	NC 60-MANOINDEX	bis Ø 58 mm
E 77	Index	NC 60-MANOINDEX	bis Ø 58 mm
E 78	Index	NC 60-MANOINDEX	bis Ø 58 mm

Ø 2 mm - Ø 80 mm

## BENDING MACHINES

B 01 | Automatic bender | to Ø 8 mm



## CNC

C 01	Index	ABC	bis Ø 58 mm
C 02	Index	ABC	bis Ø 58 mm
C 03	Index	ABC	bis Ø 65 mm
C 04	Index	ABC	bis Ø 52 mm
C 05	Index	ABC	bis Ø 52 mm
C 10	Index	C 100	bis Ø 42 mm
C 11	Index	C 100	bis Ø 42 mm
C 20	Gildemeister	SPRINT	bis Ø 42 mm
C 21	Gildemeister	SPRINT	bis Ø 42 mm
C 22	Gildemeister	SPRINT	bis Ø 42 mm
C 50	Gildemeister	GD 16-5	bis Ø 16 mm
C 51	Gildemeister	GD 20-5	bis Ø 20 mm
C 52	Gildemeister	GD 20-5	bis Ø 20 mm
C 53	Gildemeister	GD 20-5	bis Ø 20 mm
C 54	Gildemeister	GD 20-5	bis Ø 20 mm
C 55	Gildemeister	GLD	bis Ø 25 mm
C 56	Gildemeister	GLD	bis Ø 25 mm
C 57	Gildemeister	GLD	bis Ø 25 mm
C 58	Tornos	Delta	bis Ø 12 mm
C 70	Gildemeister	Speed 20-8	bis Ø 25 mm
C 71	Gildemeister	Speed 20-8	bis Ø 25 mm
C 72	Gildemeister	SPRINT 20-8	bis Ø 25 mm
C 80	Biglia	465 Y	bis Ø 80 mm

**CNC Sliding Headstock Machine SPEED 20-8**



**CNC Single-Spindle INDEX ABC**



**CNC Single-Spindle SPRINT 42**

## ENVIROMENTALLY FRIENDLY AND GENTLE PART-CLEANING

We use not only a gentle small container to avoid surface damages, but a fully-automatic and alcohol-based washing station also ensures environmentally friendly and gentle cleaning processes.



# PROCESSING MATERIALS



## COPPER ALLOYS

CW614N	CuZn39Pb3
CW617N	CuZn40Pb2
CW608N	CuZn38Pb2
CW602N	CuZn36Pb2As

**92%**  
OF OUR  
PRODUCTION



## DRINKING WATER ALLOYS

CW626N	CuZn33Pb1,5AlAs	DEZIRON
CW511L	CuZn38As	ECOMERICA
CW617N	CuZn40Pb2	
CW724R	CuZn21Si3P	CUPHIN
CW725 R	CuZn33Pb1AlSiAs	AQCUARIN



## ALUMINUM ALLOYS

Lega 2007	DIN AlCu4PbMgMn
Lega 2011	DIN AlCuBiPb
Lega 2030	DIN AlCuMgPb
Lega 6012	DIN AlMgSiPb
Lega 6023	DIN AlMgSiSnBi



**6%**

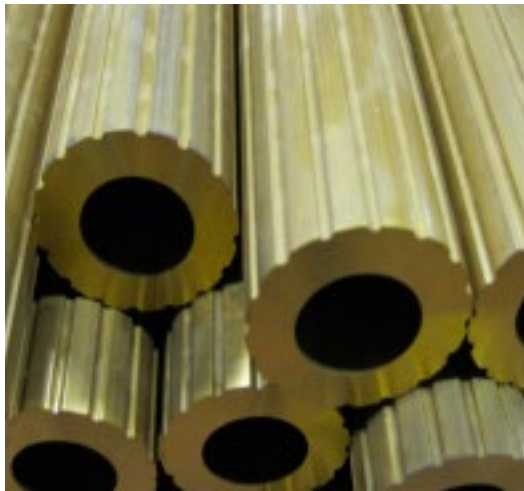
## NON-RUSTING STEEL

1.4305	X8CrNiS18-9
1.4404	X2CrNiMo17-12-2
1.4571	X6CrNiMoTi17-12-2
1.4104	X14CrMoS17



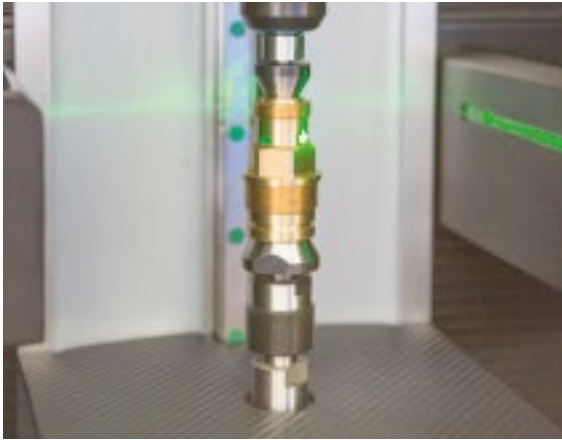
## FREE-CUTTING STEELS

1.0718	11SMnPb 30 K
1.7015	11SMn 30 K









**NEW**

**CLASSIFICATION/  
SORTING OF TURNED  
PARTS ACCORDING  
TO CUSTOMER  
WISHES!**

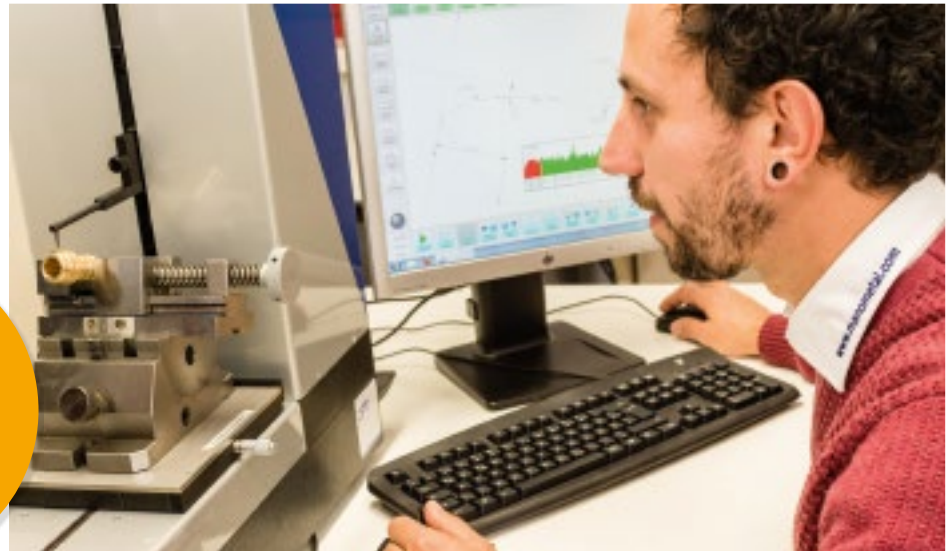
## USP UNIQUE SELLING POINT

Through the application of a focused strategy in the framework of an overall manufacturing concept, Manometal can be proud of its large and loyal customer base. With regards to our entire line of products made using an advanced SPC program, Manometal attaches special importance to process reliability.

Manometal products differ from other products available on the market made by other manufacturers by:

- **High surface quality**
- **High and measurable quality**
- **High functionality, particularly in fine threads**
- **High packaging variants**
- **High punctuality on deliveries**

Throughout the production process and process control, Manometal attaches the greatest importance to the use of high-quality SPC programs. Experienced and constantly trained employees who are well-informed about customer requirements supervise all production processes to ensure defect-free and punctual deliveries.





The Manometal team is looking forward to receiving your inquiry.

We are here for you and hope we can establish a long-term relationship.

We are glad to actively support our customers and provide them with quick and precise offers.

Take our work and profit from our manufacturing philosophy.

**Precise turned parts?  
Then turn to**

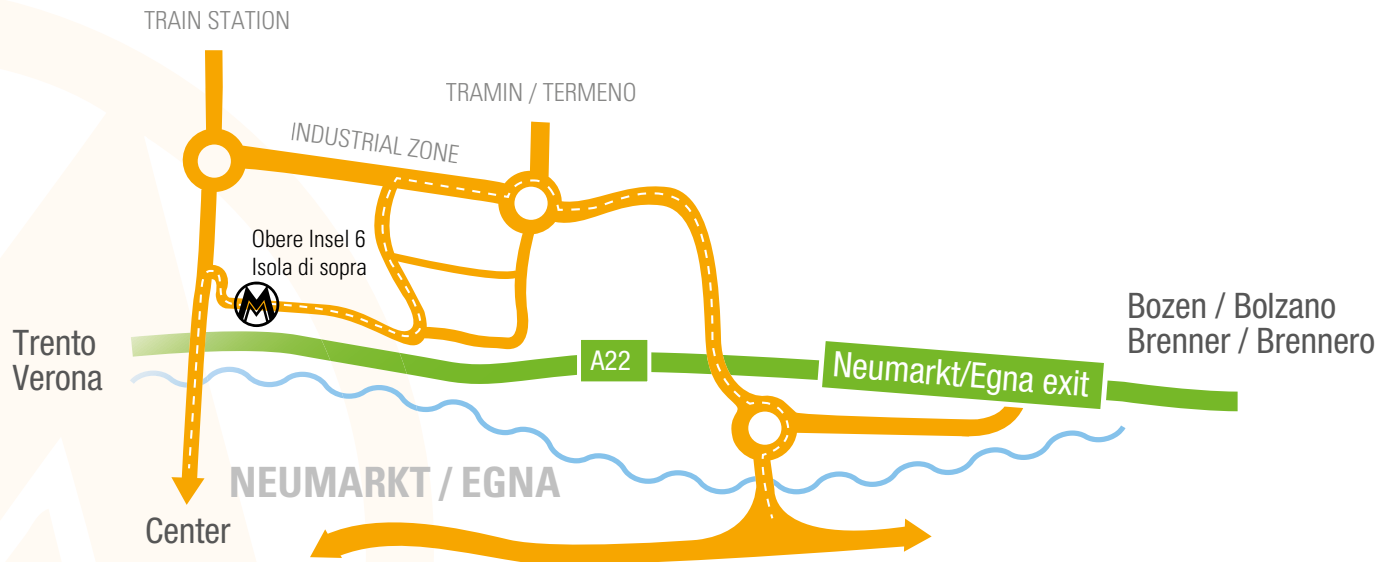


**MANOMETAL**

A company from  
**südtirol**







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See new things, follow trends,  
and experience innovation

Welcome to



**MANOMETAL**