





**COMPONENTS FOR TUNNELLING MACHINES AND MINERALS PROCESSING**



EMICO S.A Is a company which was set up in 1978, and since then has been dedicated to supplying machines and equipment for mining and underground constructions. Our philosophy, based on innovation and service, allows us to be present in the majority of underground infrastructures which have been carried out over the last few decades in Spain and among our customers are the vast majority of national companies dedicated to the world of infrastructure and underground construction and industry.

Our experience and development has been strengthened in recent years due to offices being set up in the international market in the same field of underground civil works and mining. Establishing ourselves as far a field in countrues including Panama, Costa Rica, Honduras, Venezuela, Perú, Chile and Colombia.

**ENGINEERING**  
**MANUFACTURING**  
**MAINTENANCE**



**QUALITY**  
**SIMPLICITY**  
**EFFICIENCY**  
**EASY MAINTENANCE**  
**MINIMUN EBERGY CONSUMPTION**

REPRESENTADAS

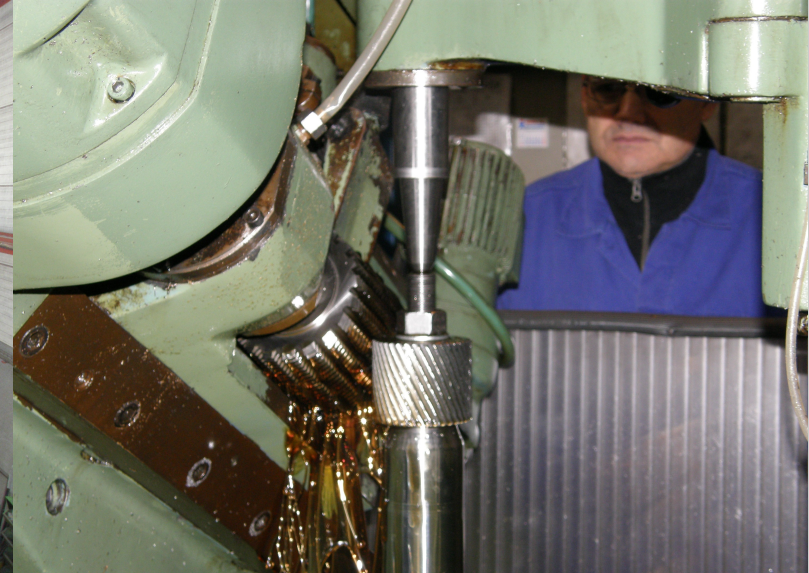
ALISA	SUMINISTROS INDUSTRIALES
CASELLA	VENTA ALQUILER
Dräger	EQUIPOS HERRAMIENTA
GRUPO VIBRO	CONSTRUCCION O. PUBLICA
HijaNisa	MINERIA M. AMBIENTE
PIERTAS GARAJE	PROTECCION HIGIENE INDUSTRIAL
PINGON	SOLDADURA SEÑALIZACION

# MECHANIZED AREA

- Boring machine
- Lathes
- Milling machines
- Turning center
- Bending machines
- Saw machines...



# LARGE CAPACITIES – HIGH QUALITY – QUALIFIED PERSONNEL



Thanks to the means at our disposal, we can build all kinds of machinery from small pieces to big components.

Quality is one of our main principles which we achieve due to a qualified personnel and advanced technology.

# ASSEMBLY AND WELDING AREAS



**WE ADAPT OURSELVES TO  
THE NEEDS OF OUR CLIENTS.**

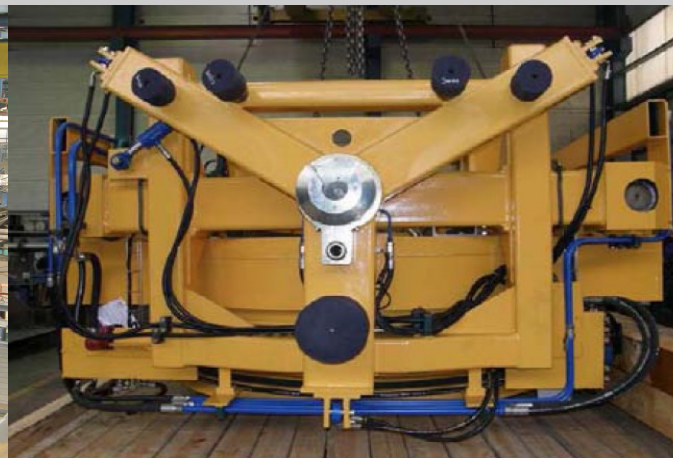
# LARGE CAPACITIES – HIGH QUALITY – QUALIFIED PERSONNEL



**Emico** is a company which has always been focused on training and innovation, so as to offer the best solutions to its clients.

## INTEGRAL SOLUTIONS :

- Engineering
- Mecanized, assembly and welding.
- Spare parts and repair service.
- Machinery adatation to occupational risk prevention R.D. 1215.



# TREATMENT OF AGGREGATE AND BUILDING MATERIALS





# SPECIALIZED IN CUSTOMIZED MACHINERY - REFERENCES



Our **vast wide experience** and **permanent innovation** give our products a high reliability recognized by our customers.



## OUR MACHINERY

MACHINERY	BRAND	MAX. RANGE
Boring Machine	SCHARMANN COLUMN MOVIL con control Fagor 8055 M/T 125 CNC	14 m Travelled in X 3 m Travelled in Z 1.5 Travelled in Y Rotary table 2 m. desplazable en X
	JUARISTI MDR-125 CNC con control Fagor 8055 M/T	Cross travel 2.5 m Longitudinal travel 3m Axial travel 3 m
	JUARISTI MDR-125	Cross travel 2 m Longitudinal travel 2 m Axial travel 2 m
Lathe	GURUTZPE B1400/CNC Con control Fagor 8055 T/C	Distance between points 6 m High 0.95 m Admissible diameter under cross travel 1.25 m Admissible diameter over bench 1.8 m
	GURUTZPE AUTO- M con control Fagor 8055 T/C	Distance between points 3 m High 0.4 m Admissible diameter under cross travel 0.55 m Admissible diameter over bench 0.8 m
Milling Machine	ANAYAK VH 220-CNC con control Heidenhain TNC 410 CA	Table useful surface 2.2 x 0.7 m Longitudinal travel 2 m Transversal travel 800 mm Vertical travel 810 mm
	ANAYAK CNC 1080	800 mm Travelled in X 400 mm Travelled in Y 200 mm Travelled in Z
	Lagun GUM-152	Table useful surface 2.2 x 0.7 m Rotation Table in both directions +/- 45° Automatic longitudinal travel 1050 mm Automatic cross travel 330 mm Automatic vertical 475 mm
Turning Center	MORI SEIKI SL-303 BMC/1500	Diameter 420 mm Lengh 1580 mm Paso de barra útil 89 mm Cross travel 250 mm Longitudinal travel 1640 mm
	MORI SEIKI DL.20	Two synchronized headerso with diameter 320 mm 2 torretas de 12 tools Synchronization of headers Piece scoop Lengh 400 mm Load bars SAMSYS

## OUR MACHINERY

MACHINERY	BRAND	MAX. RANGE
Bending Machine	CASANOVA	Roller width 2500 mm Plate thickness 35 mm
		Roller width 2500 mm Plate thickness 10 mm
		Roller width 3000 mm Plate thickness 35 mm
		Roller width 2500 mm Plate thickness 80 mm
Hobbing Machine	G.S.P. PRECIMO	Module 6 Diameter 600 mm Travelled 200 mm
	Néstor	Module 4 Turning cut 250 mm
Thread Forming Machine	RHRM 45 D	Module 4.5
shaping Machine	URPE MN-300/G	300 m of travelled Automatic removal during setback
Plasma Cutting Machine	TECOI HPR 260	Table 2000 x 8000 mm Plate thickness 80 mm
Saw Machine	SABI PBA 360 CNC	1500 x 1000 mm cut Double column belt inclined Feed trolley
Guillotine Machine	CIZALLA HIDRAÚLICA LOIRE SAFE	Width 7000 mm Plate thickness 15 mm
		Width 3000 mm Plate thickness 25 mm
		Width 3000 mm Plate thickness 20 mm
Bridge Crane	SATI	2 Units de 25 Tn
		2 Units de 12,5 Tn
		4 Units monorail de 2 Tn



### **Dirección comercial**

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BOGOTÁ, Colombia

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