



"Machining the Future"





About Us

Since our beginning in 1978, we have always strived to have cutting-edge technology and to continuously improve our machining processes to surpass our client's expectations.

The main basis of our growth are:

- **Quality**, which translates into customer satisfaction that we have maintained as a priority for years.
- **Continuous improvement** and constant implementation of new technology.
- **Consistency** in price and added value.
- **Delivery time** always in consideration of the needs of our customers.
- **Development** of our staff.
- **Work** into new markets with the challenge and responsibility that they imply.



More than 40 years of experience

The CNC machining service is an important part of different industries, at Gemak we provide solutions to these industries so that they can compliment their projects and processes with the correct parts made with quality. We participate in industries such as:



**Robotics and
Automation**



**Mold
Industry**



**Oil
Industry**



**Farming
Industry**



**Automotive
Industry**



**Construction
Industry**



**Food
Industry**



**Mining
Industry**

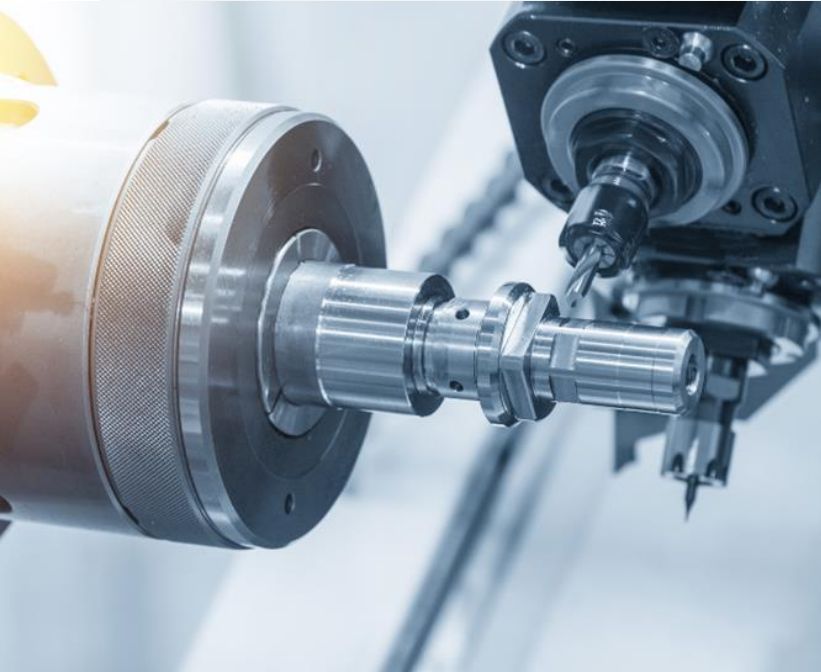


**Energy
Industry**



**Aerospace
Industry**

CNC Main Equipment



1 30 CNC Mills

2 34 CNC Lathes

3 2 CMM

4 2 Plunge EDM

5 2 Wire EDM

ZAYER

HANAS

LOKUMA

DOOSAN

MITSUBISHI
MOTORS

Lathes			Qty	34
	Max. Turning Diameter	Max. Turning Length		
Okuna Crown	10"	18"	3	
Okuma LB300	10"	18"	1	
Okuma ESL8	10"	18"	2	
Okuma ES L8 Milling	10"	18"	1	
Okuma Heritage l8	6"	12"	1	
Okuma LB4000	18"	59"	2	
Haas SL20	10"	14"	1	
Haas SL10	8"	14"	2	
Doosan Lynx Milling	8"	19"	1	
Doosan Puma GT2100	15"	20"	4	
Doosan Puma GT2600L	15"	40"	2	
Doosan Puma GT100L	15"	60"	2	
Doosan Puma 400 LC	22"	82"	2	
Doosan Puma 480 L	24"	82"	2	
Doosan Puma 700 XL	35"	199"	1	
Doosan Puma 480XL	24"	120"	1	
Doosan Puma 300L	15"	50"	5	
Doosan Puma 240	14"	22"	1	

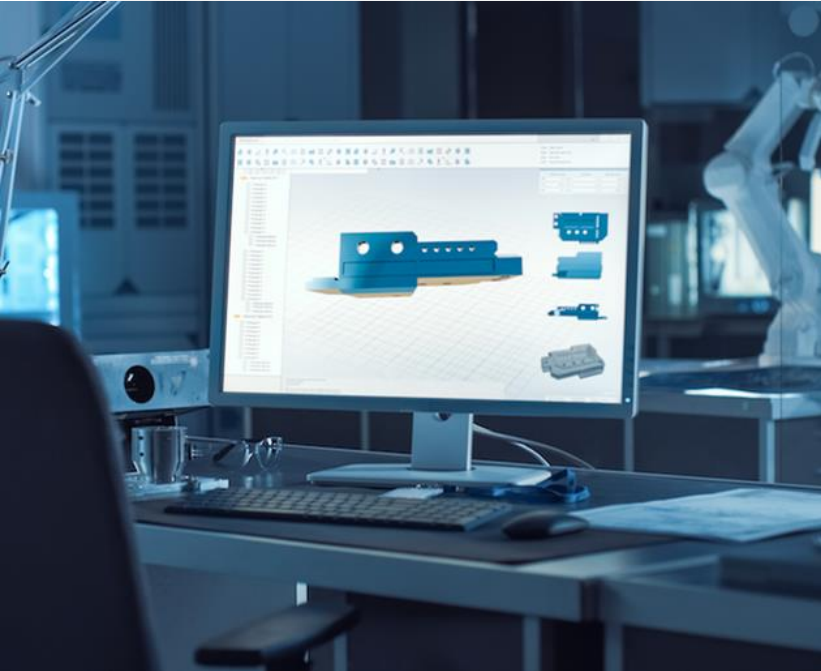
Vertical Mills				Qty	22
	X	Y	Z		
Haas VF2 4th axis	30"	16"	20"	4	
Haas VF3 4th axis	40"	20"	26"	1	
Haas VF6 4th axis	64"	32"	30"	1	
Haas VF8 4th axis	64"	40"	30"	2	
Haas VF4 4th axis	50"	20"	25"	5	
Haas VF5 4th axis	60"	26"	25"	1	
Haas VF7 4th axis	10"	32"	30"	2	
Haas VF11 4th axis	84"	40"	30"	1	
Haas VM3 Hi-speed	40"	20"	30"	1	
Doosan DNM 4020-4th axis	40"	20"	20"	3	
OKUMA MC-V4030	40"	20"	18"	1	

Horizontal Mills				Qty	8
	X	Y	Z		
Haas EC 1600 4th axis	64"	50"	32"	3	
Zayer Z3000 Indexable 4020-4th axis	106"	48"	40"	1	
Doosan DHP400 (2 pallets)	24"	20"	22"	3	
Doosan DHP630 (2 pallets)	40"	33.5"	33.5"	1	

Electro Discharge Machine				Qty	4
	X	Y	Z		
Sinker EDM				2	
MITSUBISHI FX10	16"	12"	9"	1	
MITSUBISHI FA208	20"	15"	12"	1	

Measuring Equipment				Qty	5
	X	Y	Z		
ZEISS CONTURA CMM-1000	40"	47"	24"	1	
Brown and Sharp G2000	18"	24"	10"	1	
POLY SKY 5-CMM	40"	30"	20"	1	
Remo ARM	120" Circumference			1	
Atos Triple Scan				1	

Softwares



1  SOLIDWORKS

2  *Mastercam*

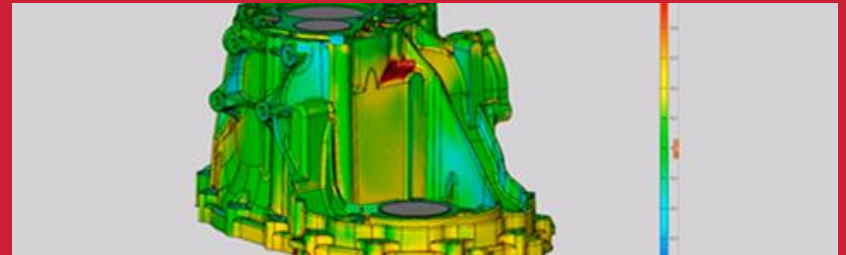
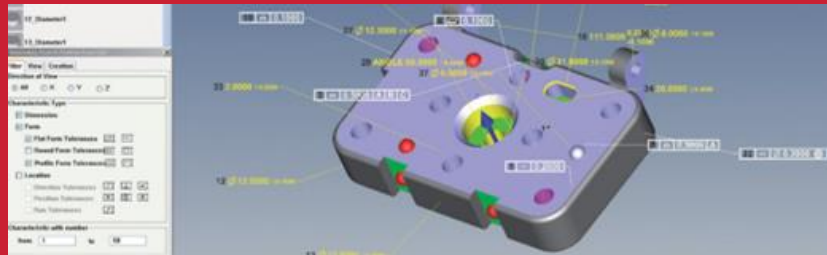
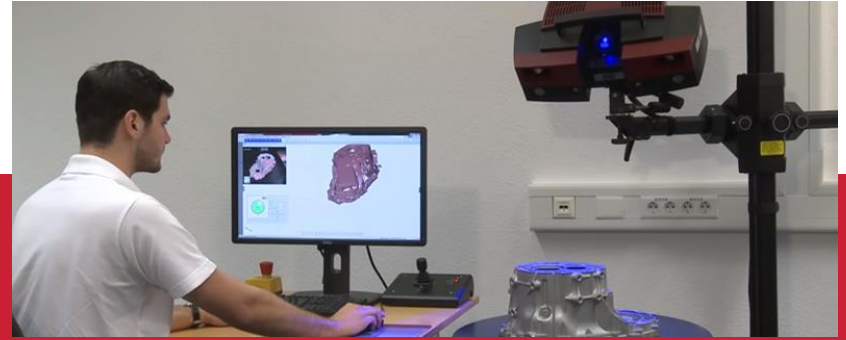
3  BobCAD-CAM

4  **WorkNC**

5  Unigraphics

Licensed to latest versions which are different formats such like data conversion. Ej. (igs, parasolid, stp, dxf, stl, etc.)

Inspection



CMM | Zeiss Contura

GOM | Scanning & Measuring System

ATOS

TRIPLE
SCAN



<https://www.youtube.com/watch?v=EtMQA41VIhs>

The most accurate scanner and inspection equipment.

gom
a ZEISS company

Why work with Gemak?

It is common that low capability suppliers struggle on providing parts with the required dimensions, quality and finishes.

At Gemak we always seek to provide our clients with a solution. We ensure that the pieces can be produced thanks to our capacity analysis, before accepting or quoting your project we will ensure that what you need is possible.

In addition to investing and constantly updating our equipment and internal processes, always to give added value to our clients. We are experts in low, medium and high volume production in both serious and miscellaneous production.



Business Model Structure



Request: We receive the RFQ from the client to get started.



Quotation: We verify the capacity and we quote the project.



Agreement: We receive, review and upload the new purchase order when both parties approve the project.



Manufacturing: We plan and manufacture the parts according to Customer specifications.



Inspection: We perform and record our manufacturing process from incoming material, the first articles up to final process inspection.



Packing: We prepare the final pieces for shipment, protecting the pieces based on the client's requirement.



Delivery: Finally we deliver the order according to the incoterm agreed.

Manufacture of CNC Machined Parts

These are some of the products that we can make with CNC machining:

- Spare parts
- Molds
- Fixtures
- Parts for assemblies
- Valves
- Chucks
- Guides
- Bearings
- Flanges
- Connectors
- Dices
- Punches
- Extruders
- Tooling
- Combustion chambers
- Inserts
- Housings
- Collet
- Ring Split
- Bodysuits
- Control arms



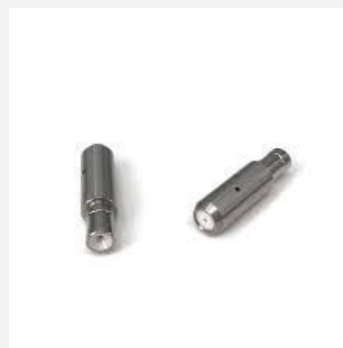
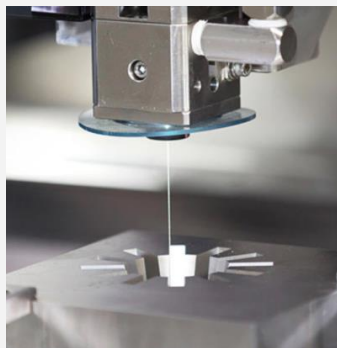
CNC Machining Parts



EDM

These are some of the products that we can make with wire eroding and penetration:

- **Punches**
- **Arrays**
- **Extrusion dies**
- **Precision keyways**
- **Plastic injection molds**
- **Cutting dies**
- **Stamping and forging matrix**
- **Tools**
- **Dies for sintering**
- **Special applications**



Welding And Manufacturing

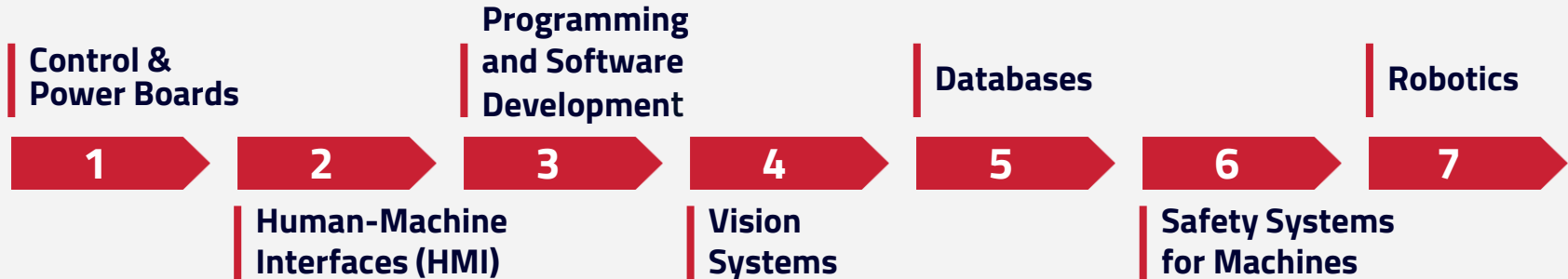
At Gemak, we have the necessary tools to perform this service:

- **Metallic Structures**
- **Machinery and Equipment Assemblies**
- **Conveyors**
- **Fixtures**
- **Baskets**
- **Racks**
- **Tanks**
- **TIG and MIG Welding Equipment**



Automation of Industrial Processes

Our extensive experience allows us to develop automation solutions, with the implementation of the highest technology equipment and software.





GEMAK S.A. de C.V. / Bravo LLC.

Principal site: Morelos No. 417 Pte. Col. Centro, C.P. 67100, Guadalupe, Nuevo León, México.

Scope: Manufacture of machining parts.

Site 2: Nicolas Bravo No. 200, Col. Centro, C.P. 67100, Guadalupe, Nuevo León, México.

Scope: Manufacture of machining parts.

Site 3: 2111 Humble Westfield Road Houston, TX 77073, United State of America.

Scope: Manufacture of machining parts.

Has been assessed and complies with the requirements of:

ISO 9001:2015

Scope: Manufacture of machining parts.



CERTIFICATE NUMBER
GSC9KMX643

Initial registration date
September 03, 2010

Date of certification decision
September 01, 2022

Registration period
01/SEP/22
31/AUG/25

Certification scheme
Multi Site
Last update
September 01, 2022

[Signature]
Executive Director
GlobalSTD Certification



Quality Guaranteed

We have three certified plants, two in Nuevo León and one in Houston Texas.



Training Center

Gemak cares about its people and for this reason we have constant internal training to have process updates and internally certify them, the internal staff is always made to grow.





**Lets achieve your
objectives by machining
piece by piece!**

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