



cbq technologies





General Description of the Company

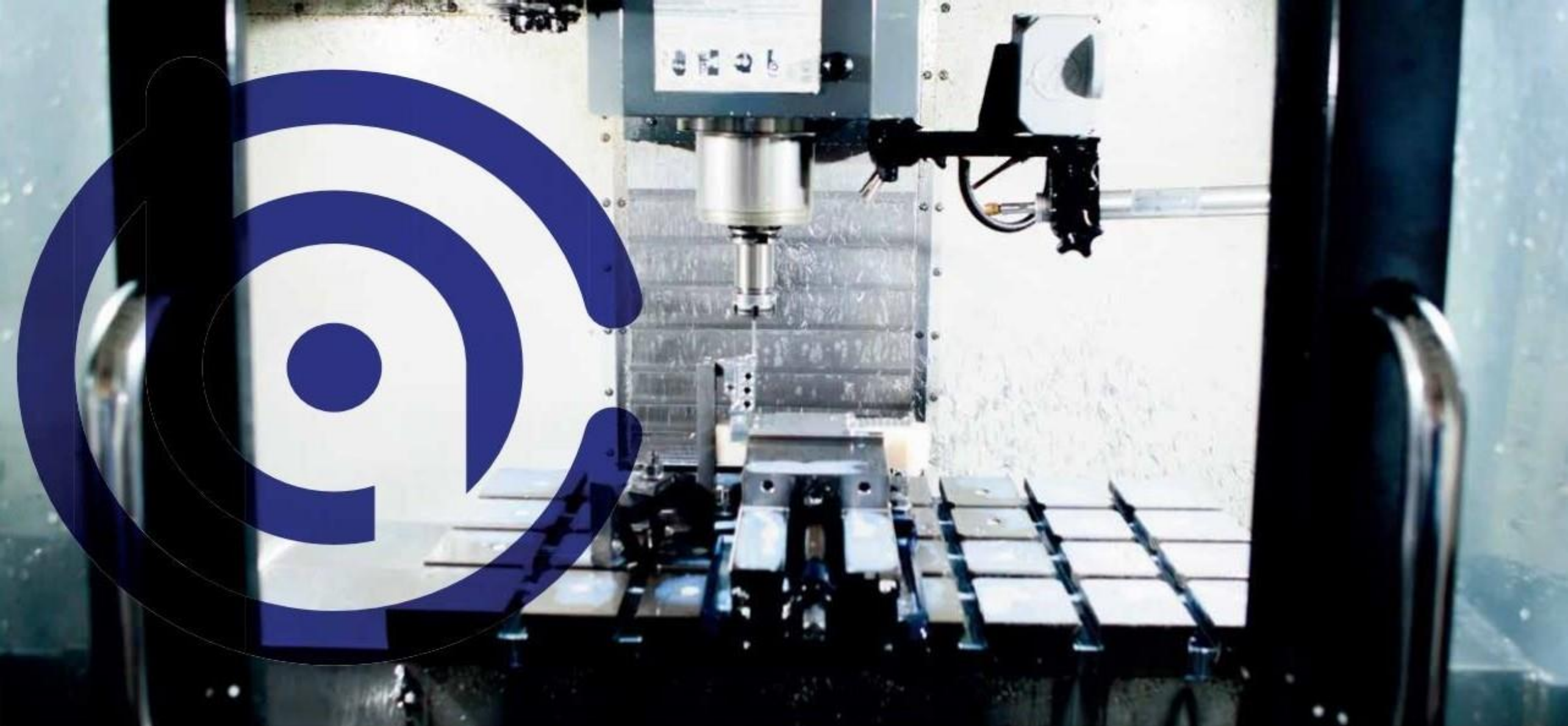
- CBQ Technologies was founded on September of 2004
- We are an internationally recognized company dedicated to the implementation of high technology to the manufacturing of precision components, fixtures and assembly.
- Our commitment offers a turnkey solution where our customers can find the quality they require, the delivery times they need and the attention in the service they deserve.



Work Team

- The greatest asset we count on is our people;
- We make sure to interact with our work team on a daily basis, always fostering fellowship, respect and trust. We firmly believe that the personal growth of each member of this team helps us achieve our team goals. Together we represent 50 years of experiences.
- In CBQ Technologies we believe that training is a vital part of our development as a Company. We have training and induction courses that ensure our employees have the experience and knowledge to develop their skills within the position and assigned area, making the Company grow.





Market Needs

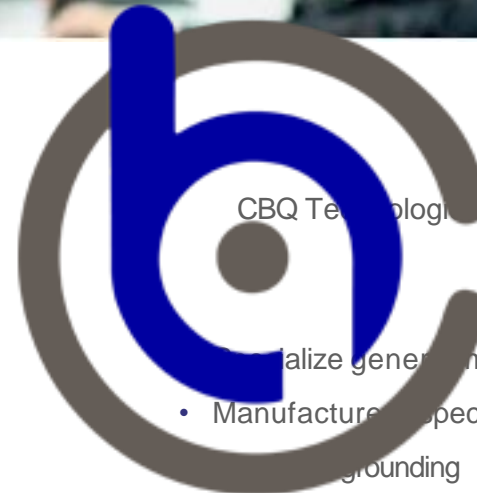
We have vertical machines of 3 and 4 axes of Computer Numerical Control with carousel of 22 tools programmed under a friendly and very reliable CAD CAM system for our clientes; Also machinery that helps us reach strict tolerances of .0001 of an inch.



Our Solution

This technology ensures quality, precision and repeatability, reducing costs and increasing production of our customers. Likewise, we have available CNC lathes with live tooling.

We have the best location on the border between Mexico and the USA that allows us to be at the forefront of the logistics and delivery times our customers need. We offer various land and air distribution channels, there for our customers receive thier productsjust in time.



CBQ Tecnología S.A de C.V. is a company dedicated to the following services:

- Specialize general machining
- Manufacture and specialize parts
- Grinding
- General lathing
- Electrode welding TIG and MIC
- Thermal treatments
- Assembly
- Rework according to customer requirements
- Mechanical fixtures
- 3D Drawing
- Chemical treatments or process

Current Service

We are determined to be a source of development to our customers, employees, associates and community in general. We have very strict quality policies and a high commitment to serve our clients.

Team Work

- Customer service, quality of service, sense of urgency and continuous improvement are the values that on a daily basis lead us to be a company without borders, to have the recommendation of our clients, to solve their problems in an adequate and anticipated way and to implement the actions that enhance the efficiency and effectiveness of the processes.
- Our processes include the handling of materials such as 5000 Series, 6000 and 7000 Aluminium, 310, 304, 316, 410 Stainless Steel, Special Polymers such as Peek 1000, Nylacero, Delrin, Standard Bronze and Graphite, Machinery grade steels 1045, 4140 and 9840. All of them just to mention some. Our experience is unique specialized parts and medium volume.
- Our design team is prepared to receive the client's requirements, under a 2D and 3D structure, with specialized software that allows us to program in CAM, ensuring the manufacture of the parts with respect to the design requested by the client.



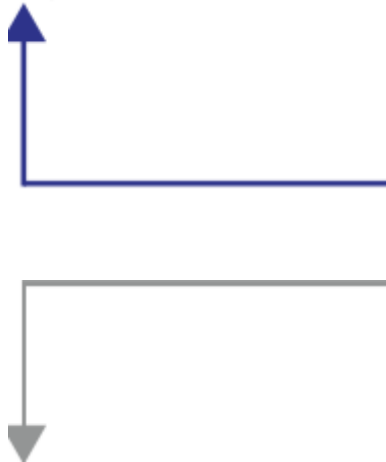


COMPETTIVE ADVANTAGES

- ISO9001:2015certification in all our processes
- AS9100 REV D in all our processes
- 5S methodology
- Competitive price
- Delivery time
- Competitive quality

Policies

CBQ Technologies is a leading company with global reach in the elaboration of metalworking products and qualified industrial services, that has the knowledge, experience and commitment to understand and satisfy the needs of our clients and other interested parties through the continuous improvement of the system quality management.



CBQ Production and Sales

At CBQ Technologies we create and develop industrial solutions with high quality standards that drive growth and development.



- Designing machines and efficient equipment of easy application and use.
- Respecting the time of our customers through On -Time deliveries .

- TOTAL CONFIDENTIALITY on the information provided on their design process.
- Fair Prices.
- Mechanical Design(custom-designed-machinery services)
- CostumersService.



CNC MACHINES

-Vertical machining center -HAAS

- Num.CBQ = 1
- Model = DT-1
- Control = HAAS
- Axes = X, Y, Z
- Max. RPM = 15,000
- Tool capacity = 20
- Work area = 20 "x 16" x 15 "
- NS 1132479



Vertical machining center HAAS

- Num. CBQ= 2
- Model = VF-2ss
- Control = HAAS
- Axes = X, Y, Z
- Max. RPM = 12,000
- Tool capacity = 24
- Work area = 30 "x 16" x 20 "
- NS= 1167225



Vertical machining center FADAL

- Num. CBQ= 3
- Model = VMC 3016FX
- Control = FANUC
- Axes = X, Y, Z
- Max. RPM = 8,000
- Tool capacity = 21
- Work area = 35 "x 15" x 15 "
- NS 012006109252



CNC MACHINES



Vertical machining center
HAAS

Num. CBQ= 4
Model = VF-2ss
Control = HAAS
Axes = X, Y,Z
Max. RPM = 12,000
Tool capacity = 24
Work area = 30 "x 16" x 20 "
NS= 1095483



-Vertical machining center
-HAAS

-Num.CBQ=5
- Model = VM-2
- Control = HAAS
- Axes = X, Y,Z
- Max. RPM = 12,000
- Tool capacity = 24
- Work area = 30 "x 20" x 20 "
-NS 1098281



-Vertical machining center
-HAAS

-Num. CBQ= 6
- Model = VF-4
- Control = HAAS
- Axes = X, Y,Z
- Max. RPM = 10,000
- Tool capacity = 24
- Work area = 50 "x 20" x 25 "
-NS 1154329

CNC MACHINES

Vertical machining center HAAS

Num.CBQ=7
Model = VF-4ss
Control = HAAS
Axes = X, Y,Z
Max. RPM = 12,000
Tool capacity = 24
Work area = 50 "x 20" x 25 "
NS 1124306



Vertical machining center HAAS

Num. CBQ= 8
Model = VF-2ss
Control = HAAS
Axes = X, Y,Z
Max. RPM = 12,000
Tool capacity = 24
Work area = 30 "x 16" x 20 "
NS= 1164230



Vertical machining center HAAS

Num. CBQ= 9
Model = VF-2ss
Control = HAAS
Axes = X, Y,Z
Max. RPM = 12,000
Tool capacity = 24
Work area = 30 "x 16" x 20 "
NS= 1164229



CNC MACHINES



Vertical machining center
HAAS

Num. CBQ= 10
Model = VF-2ss
Control = HAAS
Axes = X, Y,Z
Max. RPM = 12,000
Tool capacity = 24
Work area = 30 "x 16" x 20 "
NS= 1167230



Vertical machining center
HAAS

Num. CBQ= 11
Model = VF-2ss
Control = HAAS
Axes = X, Y,Z
Max. RPM = 12,000
Tool capacity = 24
Work area = 30 "x 16" x 20 "
NS= 1167229

CNC MACHINES

-Vertical machining center -HAAS

- Num. CBQ= 12
- Model = VM-3
- Control = HAAS
- Axes = X, Y,Z
- Max. RPM = 12,000
- Tool capacity = 30
- Work area = 40 "x 26" x 25 "
- NS 1167264



-Vertical machining center -HAAS

- Num. CBQ= 13
- Model = VF-4
- Control = HAAS
- Axes = X, Y,Z
- Max. RPM = 10,000
- Tool capacity = 24
- Work area = 50 "x 20" x 25 "
- NS 1167192



SWISS LATHES CNC

SWISS LATHE Citizen Cincom

Controller = Cincom

Model = L20e-2M8

NS = QF6843

Max RPM = 10000

Tool capacity = 37

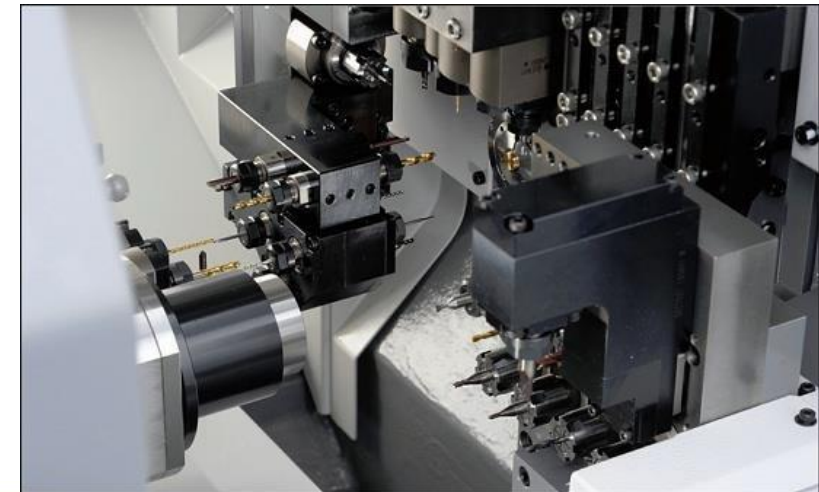
Work area between centers = 7.5 "

Dimensions for pieces of 2.7mm to 25.4mm
in diameter, and with lengths from 9mm
to 203mm with a tolerance of .0005mm

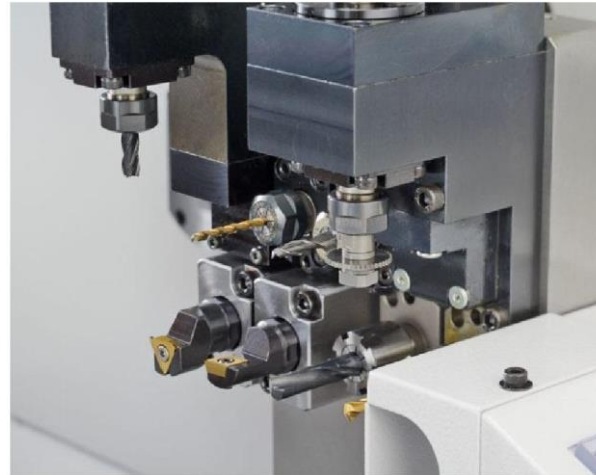
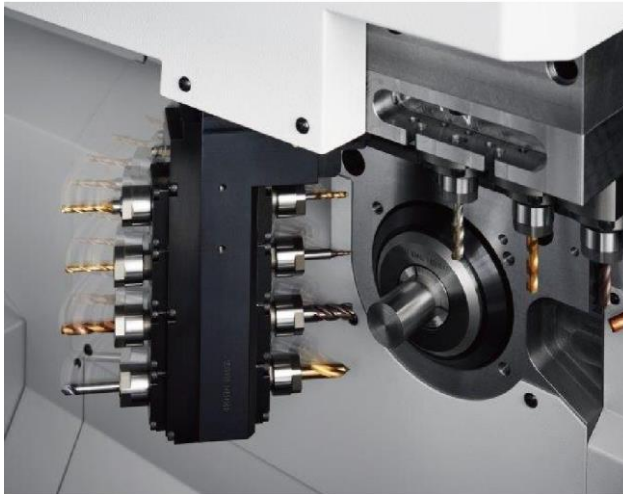
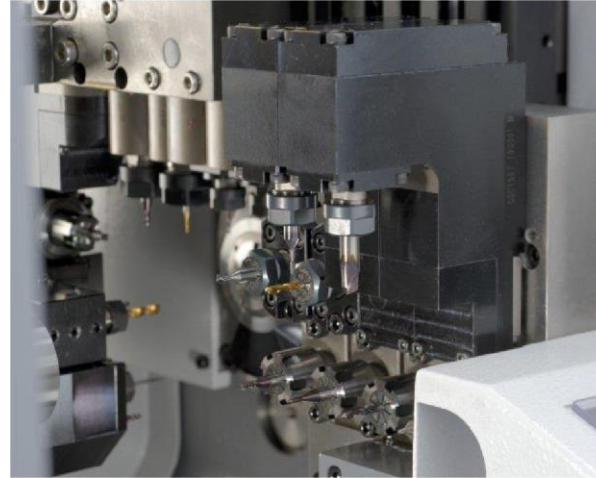
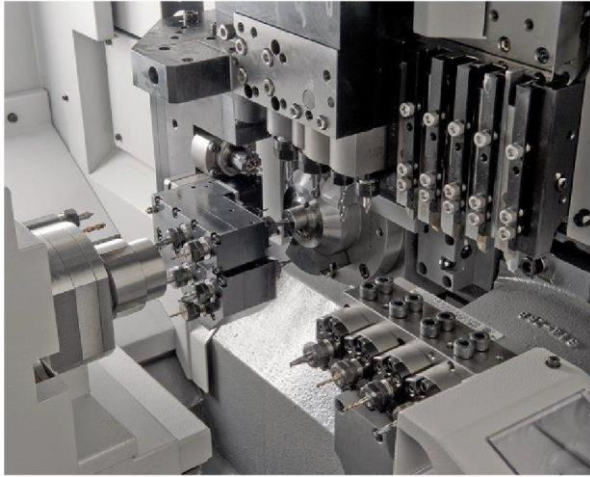


<https://www.youtube.com/watch?v=3iYn0syTf7c>

https://www.youtube.com/watch?v=a6fZjUy0_U0



SWISS LATHES CNC



LATHE CNC

Lathe Hyundai Kia 21LMS

Model F-0I-TC

FANUC control

Axes = X, Z

Max. RPM = 4,000

Tool capacity = 12

Work area 15 "x 7"

NS G3153-0452



CUTTING MACHINES

Horizontal belt saw SHARK

Model = 281
Slow speed = 36 mt / min
Fast speed = 72 mt / min
Jaw Opening = 285mm
Refrigerant = Yes (13 lt)
NS 551293 44CMP



-Vertical band saw -KALAMAZOO

- Model = 24-T-10
- Speed I = 200-1000 mt / min
- Work area = 20 "x 20" x 7 "
-NS 78126



CONVENTIONAL MACHINES

Milling machine "Republic Lagun" 2 MACHINES

Model = FVT-2
Axes = X, Y, Z
Max. RPM = 3,000
Work area = 33 "x 16" x 18"



Milling machine "Chevalier"

Model = FM3VK
Axes = X, Y, Z
Max. RPM = 3,300
Work area = 30 "x 14" x 18"
NS KM 96 B303



"JET" lathe

Model = 1430
Flip = 12 "x 26" long
Max. RPM = 1200
NS 8467



"HOMESTRAND" lathe

Model = Homach 1
Flip = 14 "x 50" long
Max. RPM = 1500
NS3142



"TITANIUM" lathe

Model = TL-2680B
Flip = 26 "x 80" long
Max. RPM = 1600
NS 06011242

RECTIFIED, THERMAL TREATMENT and WELDING

Grinding machine KENT

Model = SGS-1020-AHD
Axes = X, Y,Z automatic
Max. RPM = 3,500
Work area = 20 "x 10"



"CRESS" oven

Model = C133
Work area = 7 x 10 x 10
NS 9311



-"Lincoln" Welder

- Model = Mega force 251 AC
- Type = Coated Electrode
- Voltage = 110v / 220v
- DC current setting



"Lincoln" Welder

Model = 225
Type = TIG
Range = 5-230 amps
Parameter Self Balance
Cleaning vs. penetration.



LASER MARKER



-KEYENCE MD-X 1500

-HIGH PEAK POWER (200 KW) AND
SHORT PULSE WIDTH (25 W)

-3-AXLE CONTROL WITH AUTOFOCUS

-Láser YVO4, Producto Láser de Clase 4
(IEC60825-1, FDA [CDRH] Part 1040.10)

-MARKING AREA 125 x 125 x 42 mm
-4.92" x 4.92" x 1.65"

<https://www.youtube.com/watch?v=PW40iyPxo9Y>



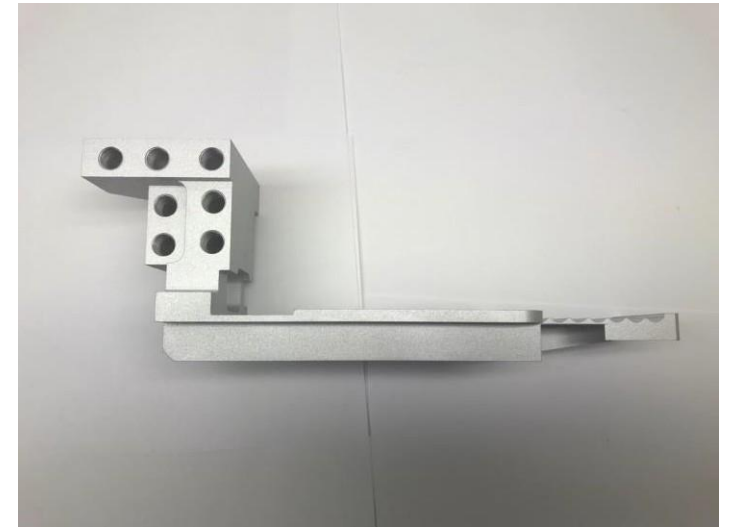
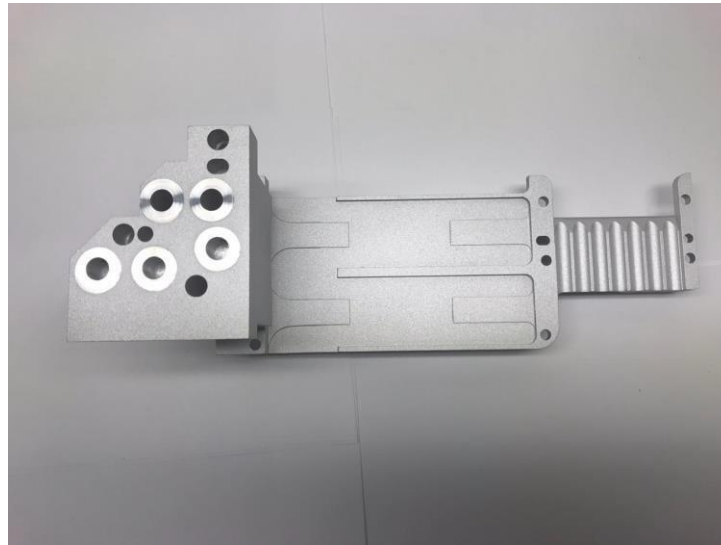
SAND BLAST

-Blast cabinet

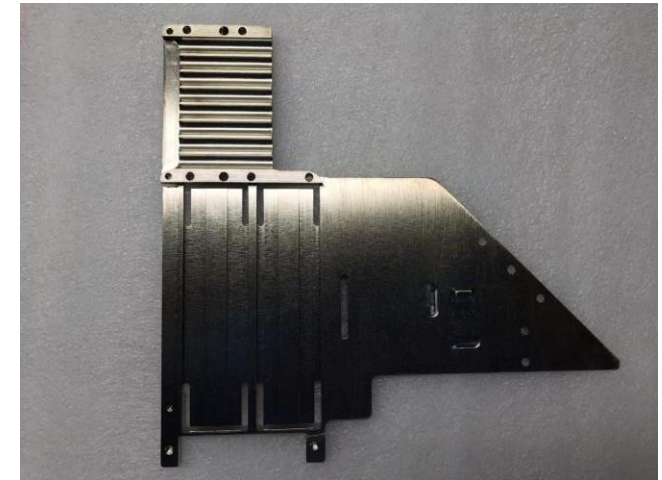
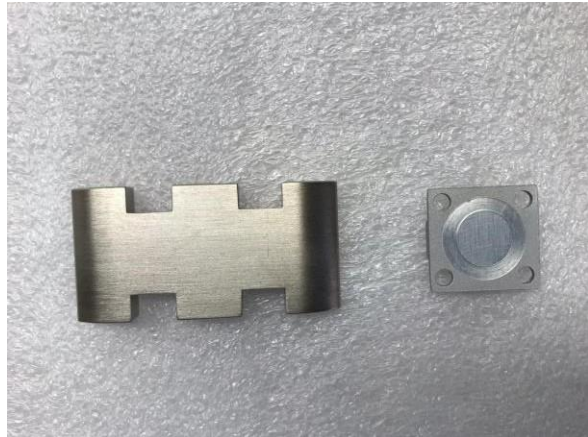
- (2 cabins)
- Model = 60738
- NS = 372801749
- Voltage = 110v



Parts manufactured in CBQ on Aluminum



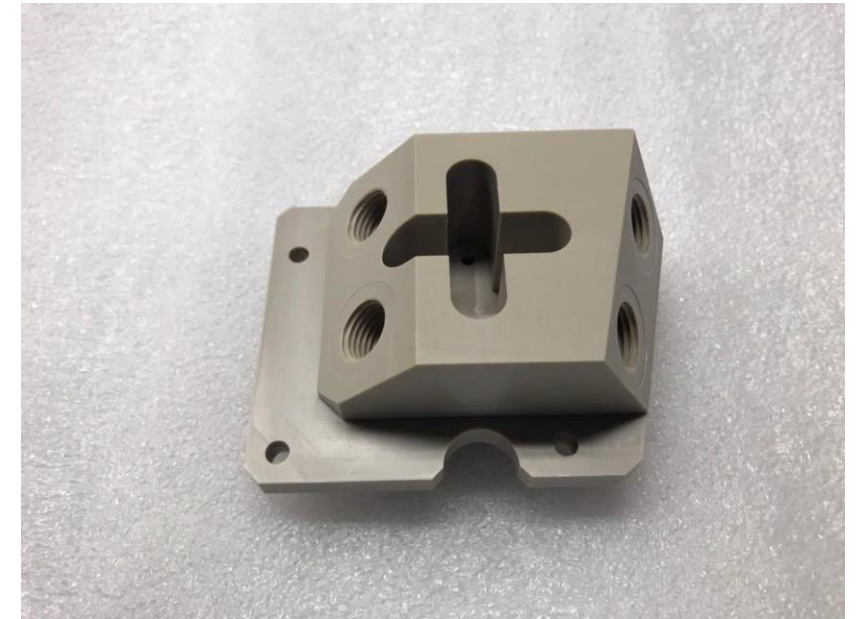
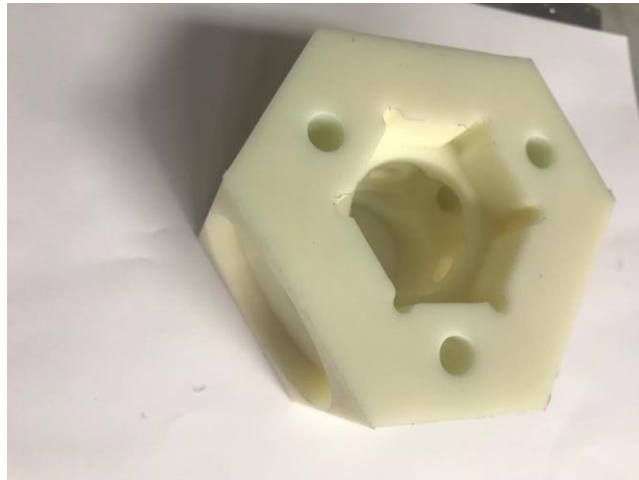
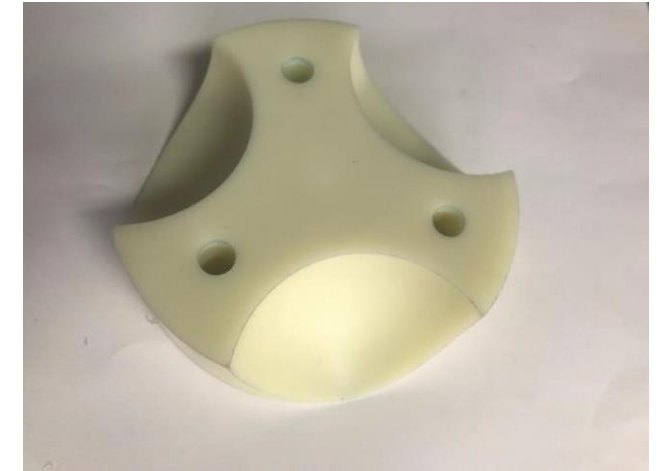
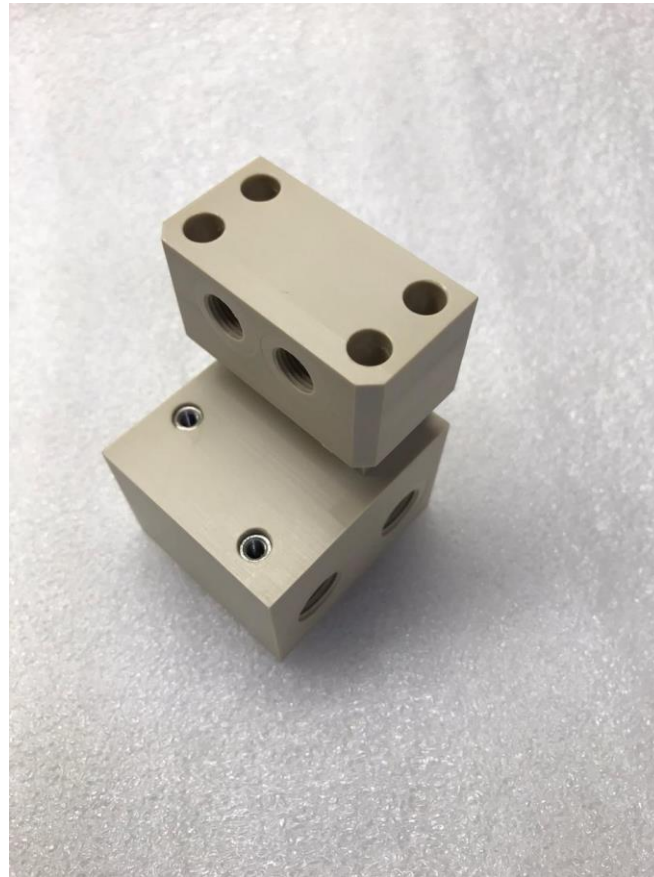
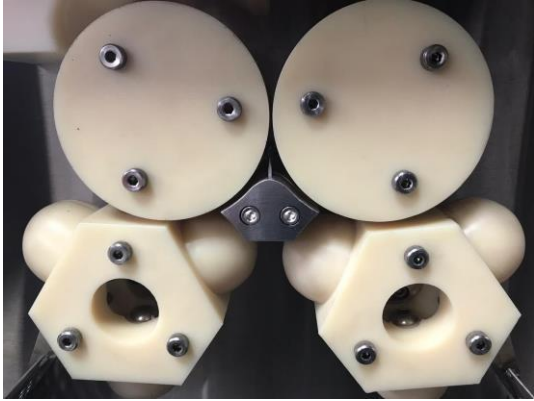
Parts manufactured in CBQ on Aluminum



Parts manufactured in CBQ on Steel



Parts manufactured in CBQ on Polymers



Surface treatments to ferrous and non-ferrous metals for the aeronautical sector

PASSIVATE PER ASTM A967

ELECTROLESS NICKEL ATSM733

ELECTROPOLISHED

ANODIZE PER MIL-A-8625 TY,I,
CL1, NICKEL ACETATE SEAL.

ANODIZE PER MIL-A-8625 TY,II,
CL1, NICKEL ACETATE SEAL.


ANODIZE TYPE III, CLASS 2,
3. 25UM MIN, MIL-A-8625

COLOR: NATURAL, RED AND
BLACK



THICKNESS FOR ALL
PARTS IS VERIFIED WITH
POSITECTOR TO
GUARANTEE CUSTOMER
REQUIREMENTS



	Manual de Políticas y Procedimientos CBQ Technologies SA de CV		
	Nombre: INSTRUCCIÓN PARA ANODIZADO NATURAL		
	Responsable: Tratamiento Químico	REFERENCIA NORMA AS 9100 REV D CÓDIGO: TQ0701	REVISION: 0 05/08/2019
	Página 1 de 10		

WE HAVE PROCEDURES AND / OR
WORK INSTRUCTIONS FOR EACH
PROCESS



OUR PROCESSES CAN BE
CERTIFIED BY SALT CHAMBER
WITH EXTERNAL SUPPLIER

Building Capacity



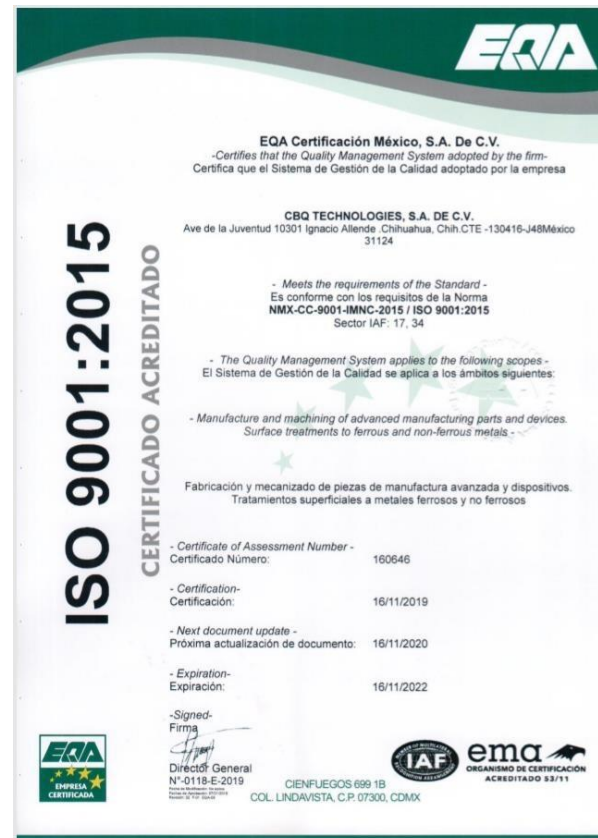
Actual

40902.86 total square feet

30677.14 square feet of offices

Certifications

ISO9001:2015



AS9100D



Our Clients



Aerosystems

