

About

We are a **metal-mechanic** company that offers:

CNC Swiss Machining

CNC Machining

Shot blasting | Forging | Upsetting | Thread Forming

We mainly focus on **developing projects based on the design and requirements of our clients**, adapting to special tolerances and geometries. We have the capability to carry out both **high and low volume** production as well as reworkings.

Location: San Luis Potosi, Mexico

www.technoplanmx.com



1992



Foundation of Technoplan
Process - Machining

1995



New process - Forging
450 m² of production

1998



Bosch starts as an official client

2002



Luk starts as an official client

2004



Certification in
ISO 9001:2000

2016



Opening of new branch, 1450 m² of
production in total

2015



New business
opportunities

2012



Expansion of facilities:
800 m² of production

2010



Phinia starts as an official client

2017



Certification in
ISO 9001:2015

2020



New process- Machining on
Swiss-type Lathe

2023



Growth in CNC Swiss Machining

2025



Certification in
IATF 16949

+ 30 years of experience

Markets



Automotive | White goods | Oil and gas | Medical | Industrial | Agricultural | Recreational

Applications

Brakes

Clutches

Steering components

Valves

Actuators

Fluid control

Sensors

Fittings

Motion control

Seals

Adapters

Materials

Carbon steel | Machinery steel | Tool steel | Stainless steel | Engineering plastics | Bronze | Aluminium | Brass

Machining services

Expertise in precision machining using cutting-edge technology, including Swiss lathes, CNC lathes, and machining centers. Our commitment to quality and precision allows us to deliver solutions for your projects.



Swiss machining services



CNC Machining services



Machining center services



CNC Swiss Machining

- We can produce highly accurate and precise parts adjusting to your requirements.
- We can quote your projects based on your design and requirements, adapting to special tolerances and geometries.
- We have the capacity to manufacture series production and rework in high and low volumes.



Brand: Tsugami
Capacity: Ø 32 mm
Axis: 5
Tool positions: 27
Live tool positions: 4
Control: FANUC 0i-TFPlus
Main spindle speed: 8,000 rpm
Sub Spindle speed: 8,000 rpm
Live tool speed: 6,000 rpm
Equipped with bar feeder



Brand: Citizen
Capacity: Ø 20 mm
Axis: 5
Tool positions: 21
Live tool positions: 4
Control: FANUC 0i-TFPlus
Main spindle speed: 10,000 rpm
Sub Spindle speed: 8,000 rpm
Live tool speed: 6,000 rpm
Equipped with bar feeder

CNC Machining



Brand: Haas ST-10
Chuck size: 165 mm
Cutting diameter: 279 mm
Spindle speed: 6,000 rpm
Bar diameter: 58.7 mm
X-axis travel: 200 mm
Z-axis travel: 406 mm
Tools: 12



Brand: Haas ST-15
Chuck size: 210 mm
Cutting diameter: 279 mm
Spindle speed: 4,000 rpm
Bar diameter: 88.9 mm
X-axis travel: 200 mm
Z-axis travel: 406 mm
Tools: 12



Brand: Haas ST-20
Chuck size: 210 mm
Cutting diameter: 298 mm
Spindle speed: 4,000 rpm
Bar diameter: 88.9 mm
X-axis travel: 213 mm
Z-axis travel: 572 mm
Tools: 12



Brand: Haas ST-10Y
Chuck size: 165 mm
Cutting diameter: 279 mm
Spindle speed: 6,000 rpm
Bar diameter: 44 mm
X-axis travel: 200 mm
Z-axis travel: 406 mm
Y-axis travel: ± 51 mm
Tools: 12
Live tool speed: 4,000 rpm

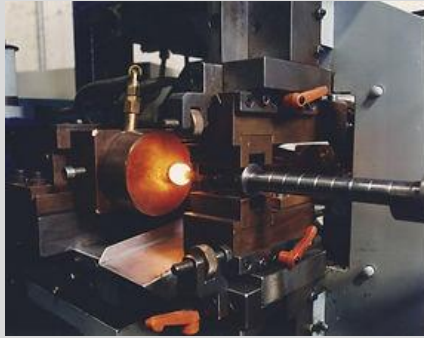


CNC Machining Center



X-Axis travel: 508 mm
Y-Axis travel: 406 mm
Z-Axis travel: 394 mm
Tools: 20
Spindle speed: 10,000 rpm
Table length: 660 mm
Table width: 381 mm

Other services



Forging process

Process composed by an *upsetting process* that allows the plastic deformation of metal and a hot *stamping process* that achieves a certain figure or form by applying compressive forces.

Equipment available:

- Upsetting machines of 50 KVA (horizontal and vertical)
- Stamping machines from 35 to 160 tons

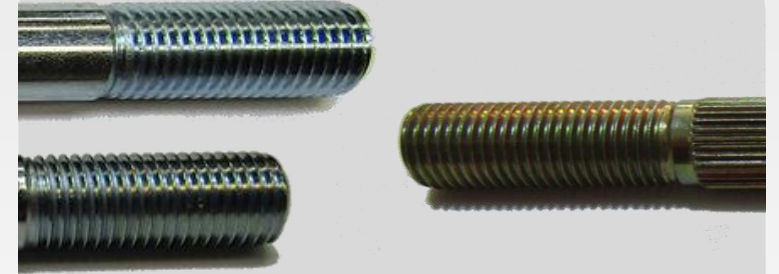


Upsetting process

Hot operation performed on a cylindrical bar axially to obtain an increase in volume at one end.

Equipment available:

- Upsetting machines of 50 KVA (horizontal and vertical)



Thread forming process

Rolling of metric and fractional threads in small and large production batches.

Equipment available:

- Rolling machines 7.5 tons

Shot blasting



Industrial applications for:

- Rust and heat scale removal
- Paint stripping
- Surface texturing
- Paint preparation
- Welding and coating
- Burr removal
- Cleaning
- Surface finishing

Parts are loaded onto a rubber belt that gently flips them, exposing all surfaces to the abrasive blast launched by the turbine.

Cleaning cycles last only a few minutes!

Tumblast 20x27
Loading capacity: 150 kg / 2
cubic feet
Direct drive turbine 7.5 Hp
Automatic time control

Quality



Outstanding quality

We prioritize quality by offering 100% inspection of critical characteristics of the finished product, as well as controlled inspections during the process.

Final inspection is a priority, and every part is visually inspected prior shipment.



Inspection systems

We use leading edge inspection systems.

ISO 9001:2015

We count with the endorsement of the international quality norm ISO 9001:2015

IATF 16949

Certification: November 2025



Technoplan
Calle 51 #212
Prados de San Vicente
78397 San Luis Potosí, Mexico
Tel: +52 444 8302187



Manager
Sabine Bach
sabine.bach@technoplanfm.com

Plant Manager
Francisco Ortega
producciontp@prodigy.net.mx

Sales
Francisco Eguía
francisco.egui@technoplanfm.com

Project manager
Tamara Bach
tamara.bach@technoplanfm.com