



MULTIMETALES

SILMA

ABOUT US

Welcome to Multimetales Silma, a Mexican company founded in the year 2000 by Eng. Roberto Burciaga Carrillo in Ciudad Juárez, Chihuahua. Our company has established itself as a reliable and specialized supplier in the industrial machining of parts.

With over 20 years of experience in the maquiladora sector, we are committed to providing innovative and high-quality solutions in the manufacturing industry. Our team of industrial machining experts and part designers work closely with our clients to understand their needs and develop customized solutions that meet their requirements.

At Multimetales Silma, we focus on quality, precision, and efficiency in all our processes, allowing us to offer high-quality products and exceptional customer service. We are dedicated to becoming the leading supplier in the manufacturing industry in the region, committed to innovation and excellence in everything we do.

CORPORATIVE



It is divided in three companies

MS SILMA INC - USA

- ✦ Warehouse

SILMA I and SILMA II MEX

Industrial Machining

- ✦ Steel and plastic molds.
- ✦ Dies and blades.
- ✦ Electrical fixtures.
- ✦ Mechanical and electrical boards for automotive harnesses.
- ✦ Anvil and crimper parts.

SILMA III MEX

Wood Machining

- ✦ CNC Routers.
- ✦ Desk.
- ✦ Furniture production.
- ✦ Kitchens.
- ✦ Doors.

WORK – BASED

MISSION

- ♦ Responsibility and quality in integrated delivery of our products, through the constant innovation.

VISION

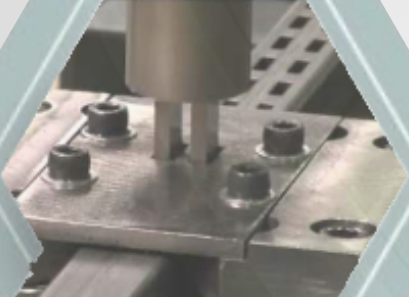
- ♦ We seek to develop staff qualified to evolve through our implementation of high technology to provide the best service to our clients in an integrated and efficient manner.

OUR VALUES

- ♦ HONESTY
- ♦ INTEGRITY
- ♦ COMMITMENT
- ♦ EFFECTIVENESS
- ♦ HUMAN DEVELOPMENT



SERVICES



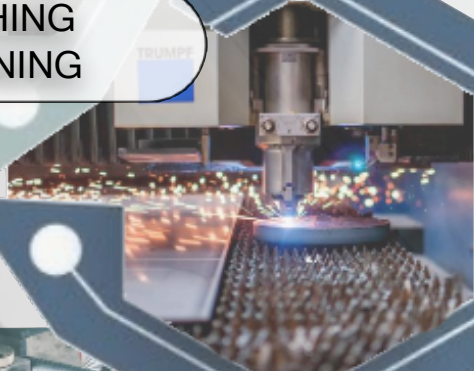
PUNCHING
MACHINING

A close-up photograph of a punching machine's die and punch assembly. The punch is positioned above a metal workpiece, which is held in a die. The machine is a TRUMPF model, as indicated by the logo on the right side of the image.



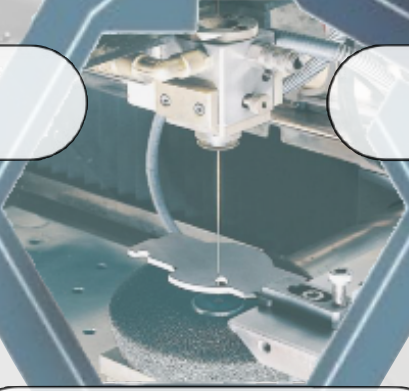
WATERJET

A photograph showing a high-pressure waterjet cutting through a metal workpiece. The waterjet is a high-speed stream of water, and the cutting process is shown in a close-up view.



WELDING
MACHINE

A photograph of a welding machine in operation. The machine is a TRUMPF model, and it is shown welding a metal workpiece. The welding process is shown in a close-up view, with bright sparks and a blue light emanating from the welding head.



WIRE EDM
MACHINE

A photograph of a wire EDM (Electrical Discharge Machining) machine. The machine is shown in a close-up view, with a wire electrode cutting through a metal workpiece. The wire is a thin, flexible wire, and the cutting process is shown in a close-up view.

EQUIPMENT

brother

SPEEDIO S500X1



- ◆ *Max. Spindle speed*
10,000 / (Optional) 16,000 /
(Optional) 27,000 / (Optional)
10,000 high-torque
- ◆ *Travels*
X: 500 Y: 400 Z: 300
- ◆ *Tool storage capacity*
14 / 21
- ◆ *Rapid traverse rate (XYZ-area)*
50 x 50 x 56



R450X1

- ◆ *Max. Spindle speed*
10,000 / (Optional) 16,000 /
(Optional) 10,000 high-torque
- ◆ *Travels*
X: 450 Y: 320 Z: 305
- ◆ *Tool storage capacity*
14 / 22
- ◆ *Rapid traverse rate (XYZ-area)*
50 x 50 x 50

TC S2-D



- ◆ *Max. Spindle speed*
10,000min-1 16,000min-1
- ◆ *Travels*
X:420mm Y:320mm Z:305mm
- ◆ *Tool storage capacity*
14pcs.
- ◆ *Rapid traverse rate (XYZ-area)*
50m / min×50m / min×50m / min

EQUIPMENT

FANUC

T21iF



- ♦ *Spindle Speeds*
100 To 10,000 Rpm
- ♦ *Machine Travels (X/Y/Z)*
X:300mm Y:300mm Z:330mm
- ♦ *Tool storage capacity*
21 Stations
- ♦ *Rapid traverse rate (XYZ)*
2125 lmp



T21iEI

T21iFb

- ♦ *Spindle Speeds*
24000 rpm
- ♦ *Machine Travels (X/Y/Z)*
X:500mm Y:400mm Z:330mm
- ♦ *Tool storage capacity*
21 Stations



Wire EDM

- ♦ *capable of cutting thick, stepped and tapered*
- ♦ *multi-workpiece machining*
- ♦ *easy-to-use Core Stitch function for even longer unmanned machining*
- ♦ *wire threading in just 10 seconds*
- ♦ *accurate twin servo wire tension control*



EQUIPMENT

DOOSAN

DNM 4500



♦ *Travels (X/Y/Z)*

X:800mm Y:450mm Z:510mm

♦ *Feed Rates (X/Y/Z)*

42m/min - 42m/min - 36m/min

♦ *Max. Spindle Speed*

8000 r/min

♦ *Max. Spindle Power*

18.5 kw

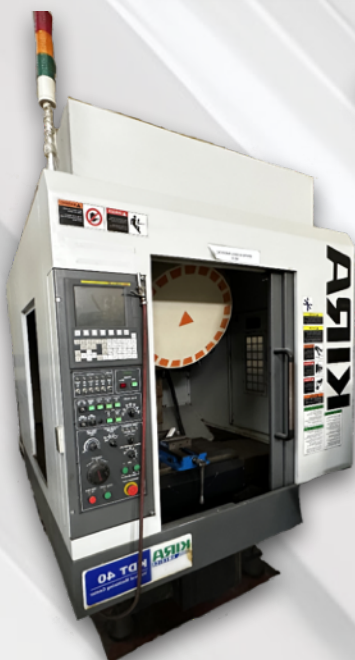
♦ *Max. Spindle Torque*

117.8 N m

KIRA
AMERICA



KDT-40



DT-1

♦ *Travels (X/Y/Z)*

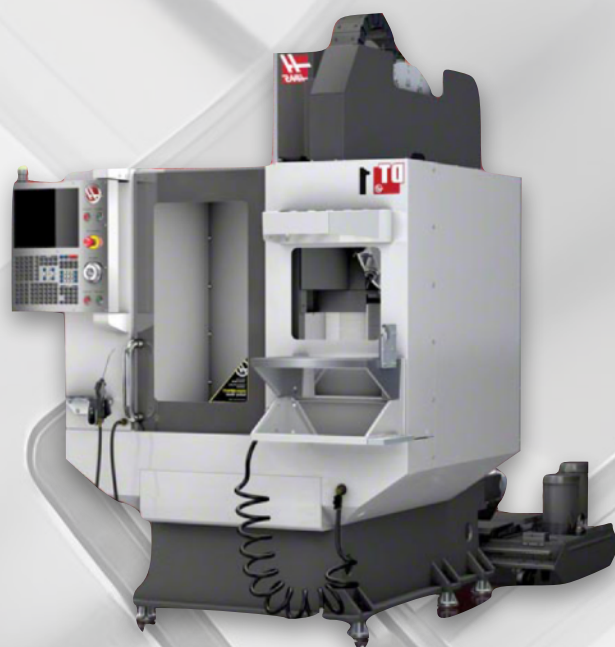
X:508mm Y:406mm Z:394mm

♦ *Tool storage capacity*

20 Stations

♦ *(OPT) Max Speed*

20,000 rpm



EQUIPMENT

IM-7000

- ♦ *Image sensor*

1" 6.6 mega pixel monochrome CMOS

- ♦ *Display*

10.4" LCD monitor (XGA: 1024 × 768)

- ♦ *Receiver lens*

Double telecentric lens

KEYENCE



**Bambu
Lab**



P1S

- ♦ *Built-In Camera Monitoring*

- ♦ *Dual Auto Bed Leveling*

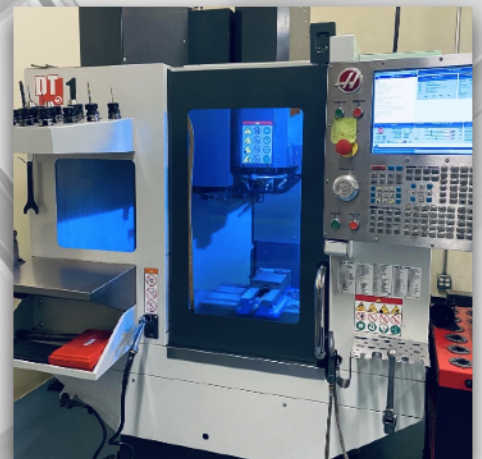
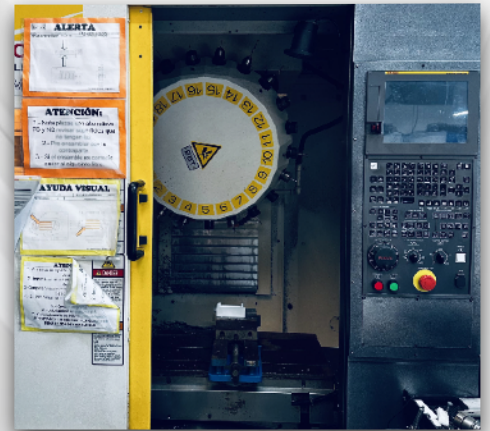
- ♦ *High-speed CoreXY with 20000 mm/s²*

- ♦ *Capable of Multi-Color / Material 3D Printing with P1S Combo*

PROCESS



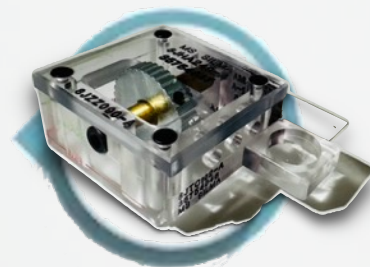
Gallery



PRODUCTS



- ✦ Cutting Tools.
- ✦ Part of applicators.
- ✦ Anvils.
- ✦ Crimpers.
- ✦ Blades.
- ✦ Holder
- ✦ Among others that adapts to the needs of our client.



Dedicated to the manufacture of boards for automotive harnesses:



Electrical Fixtures
mechanical fixtures
Panel Hardware
Scantlings and dice
for die



Boards assembly of
dimensions All
Electrics Modules for
electrical benches.



CLIENTS



Electrical Components
International



JOHN DEERE

Medtronic



Electrolux

COMMSCOPE®



SILMA



LEAR®
CORPORATION

CAT®



APTIV



CONTEC



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