

The 3D Printing Journal presents:



www.3dprintingjournal.com

The 3D Printing World Guide Mexican Edition is powered by:



Disclaimer

© 2025 COLORISED Sp. z o.o. All Rights Reserved.

This document and its contents are the property of COLORISED Sp. z o.o. (owner of the brands: "The 3D Printing Journal" and "AM Writer").

No reproduction, copy or transmission in whole or in part is allowed without COLORISED written permission.

- 3. Introduction
- 4. Mexican Economy
- 6. History of Mexican AM Industry
- 10. Century 3D
- 12. DENI Laser
- 14. Grupo XDS
- 17. Intelligy 3DLAB
- 19. Trideo

A Tour of the Mexican AM Industry

“Additive Manufacturing in Mexico it’s a complex history.”

This was how **Mario Martínez** — the co-founder of **Grupo XDS**, one of the most prominent and longest-running companies in this market—summed up our conversation about this edition of The 3D Printing World Guide.

This issue is different from all previous ones. We are presenting only five companies, which at first glance might seem like a weak result. However, thanks to Mario Martínez, we have managed to create a truly unique edition that holds value in its own right.

Because, honestly—how much do you really know about the Mexican 3D printing market?

In North America, it is overshadowed by the U.S., which is the cradle of Additive Manufacturing and, alongside China, one of the two largest in the world. On top of that, there is also the Canadian AM industry, home to many well-known companies.

Meanwhile, the Mexican AM market is not only significant but has a history stretching back to 1996—essentially the dawn of the 3D printing industry. At that time, Stratasys, EOS, and Materialise were still small, local businesses that had existed for only six or seven years, and Objet Geometries had yet to be founded.

- 3. Introduction
- 4. Mexican Economy
- 6. History of Mexican AM Industry
- 10. Century 3D
- 12. DENI Laser
- 14. Grupo XDS
- 17. Intelligy 3DLAB
- 19. Trideo

Mexico also carries the stigma of organized crime, reinforced by numerous films and TV series (from *Traffic* to *Narcos: Mexico*). This has led to the country being perceived less seriously by the rest of the world. Yet, it remains one of the world's largest economies, and its potential is highly underrated.

In this edition of The 3D Printing World Guide, we delve into all of this. We explore some aspects of Mexico's economy but primarily focus on the early days of the AM industry in the country, its current state, and its unique characteristics.

And once again, a huge acknowledgment to Mario Martínez, who provided many of the invaluable insights below and is the spiritual co-author of this edition!

Mexican Economy

Mexico's economy is one of the largest and most diverse in Latin America and the world. In 2023, Mexico ranked 15th in terms of nominal GDP, which stood at approximately \$1.7 trillion. Forecasts for 2024 predict GDP growth of around 2-3%, a moderate pace considering global economic challenges.

Mexico is the second-largest economy in Latin America, behind only Brazil, and the fourth-largest in the Americas, following the U.S., Brazil, and Canada.

Key industries in Mexico include the automotive, oil and gas, electronics and technology, agriculture, and tourism sectors.

- 3. Introduction
- 4. Mexican Economy
- 6. History of Mexican AM Industry
- 10. Century 3D
- 12. DENI Laser
- 14. Grupo XDS
- 17. Intelligy 3DLAB
- 19. Trideo

The automotive industry is one of the most important, with Mexico being among the world's largest car exporters. Production is concentrated in regions such as Aguascalientes and Guanajuato, and collaboration with global corporations like General Motors and Volkswagen generates a significant share of GDP.

The oil and gas industry, dominated by the state-owned company PEMEX, also plays a crucial role, though it faces challenges related to underinvestment and declining production. The electronics and technology sector is another vital industry, with Mexico serving as a major electronics manufacturing hub for companies like Intel and Foxconn.

Agriculture, though less modernized, remains significant, with Mexico being one of the largest exporters of avocados, tomatoes, and other agricultural products. Tourism also plays a major role, with destinations such as Cancún, the Riviera Maya, and Mexico City attracting millions of visitors annually.

When comparing Mexico to other economies, it is essential to note its strong economic ties with the U.S., as it is one of its main trading partners, largely due to the USMCA agreement. However, Mexico's GDP per capita is significantly lower than that of the U.S., standing at around \$10,000 compared to \$70,000 in the U.S. in 2023.

Compared to Brazil, Mexico stands out with a more diversified industrial base and stronger connections to the U.S. market. In contrast to Canada, Mexico has a lower GDP per capita but surpasses it in population and market potential.

Mexico, however, faces several economic challenges.

- 3. Introduction
- 4. Mexican Economy
- 6. History of Mexican AM Industry
- 10. Century 3D
- 12. DENI Laser
- 14. Grupo XDS
- 17. Intelligy 3DLAB
- 19. Trideo

Social inequality is one of its biggest issues, with the country having one of the highest income inequality rates in the world, which limits domestic market development. Organized crime is another major problem, hindering business growth.

Additionally, Mexico's high dependence on the U.S. means that economic fluctuations in the United States have a direct impact on the Mexican economy.

Despite these challenges, Mexico remains a key player in the global economy, particularly due to its geographic location and strong trade ties with the U.S. Industrial diversification and market potential provide opportunities for further growth, provided that major economic issues are addressed.

History of Mexican AM Industry

The origins of the AM industry in Mexico date back to 1996 when Juan Gonzales Luna founded Tecnologías Computarizadas para Manufactura (TCM). This was the first company in Mexico to officially sell 3D printers. From the beginning, they partnered with Stratasys and continue to work closely with the brand to this day.

For over a decade, only a few companies were present in the market. One of the most significant was TECSOL, located in Monterrey—they were the first to bring Z Corporation 3D printers to Mexico and were one of the oldest (probably the oldest?) 3D Systems resellers in the country.

In these early years, Grupo Hi-Tec and Cimco were also notable as companies selling 3D printers, specifically Objet Geometries and related hardware. Unfortunately, among them, only TECSOL and TCM remain active in the AM market today, while Hi-Tec made a return last year, offering Eplus3D metal systems.

- 3. Introduction
- 4. Mexican Economy
- 6. History of Mexican AM Industry
- 10. Century 3D
- 12. DENI Laser
- 14. Grupo XDS
- 17. Intelligy 3DLAB
- 19. Trideo

Mario Martínez met the founder of TCM back in 2005 at the TECMA fair—once the largest and sole trade show for industrial machinery in Mexico. TCM was promoting the Uprint for \$12,000 USD. He picked up some promotional materials and realized that having a machine capable of producing plastic parts was a game-changer at the time.

He decided he wanted to run a company using 3D printing and achieved his goal four years later. Founded in 2009 by four engineering students, Grupo XDS became one of Mexico's longest-running service providers in the market. The company quickly distinguished itself through its technical expertise and commitment to innovation.

By 2012, the first MakerBot 3D printers started appearing, and the market began moving more rapidly. However, at \$2,500 USD, they were still not cheap for many.

By that time, some new companies emerged, investing in AM technology. One of them was Satori 3D, equipped with two MakerBot printers and later a Projet 660. They led the way in offering these services in Mexico City for a while.

It was in 2013-2014 when things truly unraveled. At least a dozen companies appeared on the scene—all of them claiming to be pioneers in the field.

And then, the names started popping up:

Rockit Print from Mexico City (Maria Senosian), Century 3D from Mexico City (Horacio Ruiz), Sitres Latam, TridiMX from Queretaro, Ideaz 3D from Sonora, Proyectil from Mexico City, Ideas Disruptivas from Mexico City (Lino Romero), Makermex from Guanajuato, 3D Factory from Monterrey (Ricardo Zablah & Erick Ramirez), Satori 3D,

- 3. Introduction
- 4. Mexican Economy
- 6. History of Mexican AM Industry
- 10. Century 3D
- 12. DENI Laser
- 14. Grupo XDS
- 17. Intelligy 3DLAB
- 19. Trideo

3Dlabfab&café from Mexico City (Rodrigo Perez Weiss), Colibri 3D, Mexbot, Minifab 3D (Fabien Legay), Prototipadora (Luis Cordoba), 3D Smartlabs, 3D Market, Cadsurfer, Ingenia, Mediprint, Concepto 3D, Monavax, Ing3nia.

And at least 20 more...

But by 2018, most of them had vanished.

After that, the AM market in Mexico began to mature. Shift 3D started operations by bringing HP MJF technology. TridiMX expanded and featured Stratasys Fortus 450 and 900 cm systems. Unfortunately, by 2020, the COVID-19 pandemic hit, and in 2021, TridiMX started facing financial problems. By mid-2022, they ceased operations, sold the Stratasys machines to Intelligy, and disappeared.

This shift in the market led to a second wave of companies and makers who, during the pandemic, bought machines as a means of survival due to job losses or as a business opportunity. They started selling COVID-19-related products, from ear savers to respirator adapters, filters, and similar items—all made in PLA.

Today, most major Mexican companies are distributors and resellers of machines rather than service bureaus or experienced AM-integrated shops.

The most important ones (according to Martínez) are: Century 3D, 3D Market, Shift 3D, TCM, Solidservicios, CAD AVSHMEIP, Ortodigital (focused on dental AM applications), 3D Manufacturing, and Intelligy.

There are also probably 20 or more resellers of brands such as 3D Systems, Stratasys, Meltio, Massivit, and others.

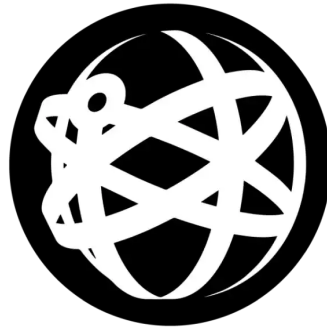
Below, you can see the five representatives of the Mexican market.

- 3. Introduction
- 4. Mexican Economy
- 6. History of Mexican AM Industry
- 10. Century 3D
- 12. DENI Laser
- 14. Grupo XDS
- 17. Intelligy 3DLAB
- 19. Trideo



- 3. Introduction
- 4. Mexican Economy
- 6. History of Mexican AM Industry
- 10. Century 3D
- 12. DENI Laser
- 14. Grupo XDS
- 17. Intelligy 3DLAB
- 19. Trideo

CENTURY 3D



century3D

CONTACT:

Century 3D S. de R.L. de C.V.

1era Cerrada de Xola
#32 Colonia del Valle Norte
CDMX CP 03103, Mexico

www: century3d.com.mx

e-mail: reyes@century3d.com.mx

social media:

- [LinkedIn](#)
- [Facebook](#)
- [Instagram](#)
- [YouTube](#)

ACTIVITY:

Founded: 2014

Activity: **Mexico**

BUSINESS:

Business activities:

- **Distributor**

AM services:

- **FDM / FFF**
- **SLA / DLP**
- **SLS**

Distribution:

- **3D Systems**
- **Formlabs**
- **Ultimaker**
- **Markforged**
- **Snapmaker**

3. Introduction
4. Mexican Economy
6. History of Mexican AM Industry
10. Century 3D
12. DENI Laser
14. Grupo XDS
17. Intelligy 3DLAB
19. Trideo

OVERVIEW:

Century3D offers 3D solutions using the technology of 3D Systems, Artec 3D, Formlabs, Markforged, Ultimaker, and Scantech. The company provides a wide variety of Digital Manufacturing applications such as reverse engineering, inspection and scanning with high precision scanners, both fixed and mobile, and 3D printing services.

LEGACY:

Century3D is one of the most experienced 3D printing VARs in Mexico, with customers that range from many industries such as food and beverage, wearables, arts, automotive, jewelry, dental, and aerospace, to name a few.

The company has been named best reseller for Mexico for 3D Systems for a couple of years. Additionally, it has been named best reseller for Formlabs for Mexico and Latin America for various years.

3. Introduction
4. Mexican Economy
6. History of Mexican AM Industry
10. Century 3D
12. DENI Laser
14. Grupo XDS
17. Intelligy 3DLAB
19. Trideo

DENI LASER



CONTACT:

DENI Laser

Alvaro Obregon 100. Col Jurica.
Querétaro, Mexico. CP 76100

www: denilaser.com.mx

e-mail: ramses@desima.mx

BUSINESS:

Business activities:

- **Hardware Manufacturer**
- **AM Service Provider**

AM services:

- **DED / WAAM**

ACTIVITY:

Founded: **2019**

Activity: **Mexico**

Distribution:

- **Proprietary DED systems**

- 3. Introduction
- 4. Mexican Economy
- 6. History of Mexican AM Industry
- 10. Century 3D
- 12. DENI Laser
- 14. Grupo XDS
- 17. Intelligy 3DLAB
- 19. Trideo

OVERVIEW:

DENI Laser is a company that specialises in laser processes, one of which is Directed Energy Deposition (DED) with laser. The company offers DED services and is also a developer of DED technology. It has and commercialises its own DED heads, both wire and powder. DENI Laser developed the first large DED robotic system made in Mexico, using local design, engineering, and manpower. The company has also developed the first DED heads in Mexico and the first hybrid DED-machining system in Mexico.

LEGACY:

DENI Laser has developed the first large DED robotic system, the first locally made DED heads, and the first hybrid machine within the country.

- 3. Introduction
- 4. Mexican Economy
- 6. History of Mexican AM Industry
- 10. Century 3D
- 12. DENI Laser
- 14. Grupo XDS
- 17. Intelligy 3DLAB
- 19. Trideo

GRUPO XDS



CONTACT:

Grupo XDS

Mar Arafura 3 Nextitla
Miguel Hidalgo Ciudad
de Mexico Mexico 11420

www: grupoxds.com

e-mail: servicios@grupoxds.com

social media:

- [LinkedIn](#)
- [Facebook](#)
- [Instagram](#)
- [TikTok](#)

ACTIVITY:

Founded: 2009

Activity: North America

BUSINESS:

Business activities:

- **AM Service Provider**

AM Services:

- FDM / FFF
- SLA / DLP
- SLS
- BinderJetting

- 3. Introduction
- 4. Mexican Economy
- 6. History of Mexican AM Industry
- 10. Century 3D
- 12. DENI Laser
- 14. Grupo XDS
- 17. Intelligy 3DLAB
- 19. Trideo

OVERVIEW:

Grupo XDS offers advanced Additive Manufacturing services with four in-house technologies: VPP, MEX, PBF, and BJT. The company's processes adhere to ISO/ASTM 52900:2021, and it holds ASTM certification, ensuring the highest quality standards.

Grupo XDS's 3D Scanning Lab specializes in laser, structured light, and infrared scanning and is being prepared for ISO 17025 certification. Each technology has a dedicated space, allowing the company to optimize efficiency and precision.

Grupo XDS excels in post-processing techniques, offering sanding, painting, coating, dyeing, and chrome finishing to meet diverse aesthetic and functional requirements.

As a leading service bureau, the company provides a fully automated online quoting system, streamlining access to its technologies and materials.

Grupo XDS doesn't just provide additive manufacturing solutions—it sets the standard.

LEGACY:

Grupo XDS stands as one of Mexico's longest-running service providers in additive manufacturing, with a history dating back to 2009. Founded by four engineering students, the company quickly distinguished itself through its technical expertise and commitment to innovation.

In 2011, Grupo XDS undertook the ambitious task of replicating the entire Ruta de la Amistad sculpture series at scale. The following year, two of the remaining founders led the 3D scanning and reproduction of the Monumento Tortuguero, a monumental 9ft tall Mayan relic.

- 3. Introduction
- 4. Mexican Economy
- 6. History of Mexican AM Industry
- 10. Century 3D
- 12. DENI Laser
- 14. Grupo XDS
- 17. Intelligy 3DLAB
- 19. Trideo

In 2011, Grupo XDS undertook the ambitious task of replicating the entire Ruta de la Amistad sculpture series at scale. The following year, two of the remaining founders led the 3D scanning and reproduction of the Monumento Tortuguero, a monumental 9ft tall Mayan relic. Despite the complexity of the project, only two key individuals (supported by two assistants) successfully produced three full-scale replicas, a project valued at \$50,000 USD.

By 2013, Mario Martínez was the sole remaining founder, and in 2014, Grupo XDS became the first official reseller of Zortrax in Mexico. Between 2013 and 2016, the company operated as a single-person enterprise, surpassing several leading firms in terms of reach, efficiency, and capacity despite competing against well-funded and long-established companies.

In mid-2016, Ivonne Ramírez joined as an associate, bringing a renewed focus on customer service and business growth. Through relentless effort and strategic expansion, the company achieved a 20% increase in sales in 2019 compared to the previous year.

Even amidst the global challenges of 2020, Grupo XDS remained resilient—operations never ceased, and the company achieved yet another 20% growth. In 2022, Grupo XDS moved to a 200m² industrial facility, now home to over 60 machines, solidifying its position as a leader in the field.

Over nearly 15 years, Grupo XDS has faced and overcome countless challenges. Many of the competitors that emerged during the early years or the industry hype have since vanished, often due to overpromising and underdelivering. In contrast, the company's legacy is built on hard work, vision, and perseverance—thriving in a market often plagued by low-quality services, poor customer experience, and unfair competition.

- 3. Introduction
- 4. Mexican Economy
- 6. History of Mexican AM Industry
- 10. Century 3D
- 12. DENI Laser
- 14. Grupo XDS
- 17. **Intelligy 3DLAB**
- 19. Trideo

INTELLIGY 3DLAB



CONTACT:

INTELLIGY 3DLAB

Manuel Gonzalez Cossio 4706
Col Granjas Chihuahua 31100
Mexico

www: intelligy.com

e-mail: contacto@intelligy.com

social media:

- [LinkedIn](#)
- [Facebook](#)
- [Instagram](#)
- [TikTok](#)
- [YouTube](#)

ACTIVITY:

Founded: 2002

Activity: **Mexico**

BUSINESS:

Business activities:

- **AM Service Provider**
- **Distributor**

AM Services:

- **FDM / FFF**
- **SLA / DLP**

Distribution:

- **Stratasys**
- **UltiMaker**
- **Formlabs**

- 3. Introduction
- 4. Mexican Economy
- 6. History of Mexican AM Industry
- 10. Century 3D
- 12. DENI Laser
- 14. Grupo XDS
- 17. Intelligy 3DLAB
- 19. Trideo

OVERVIEW:

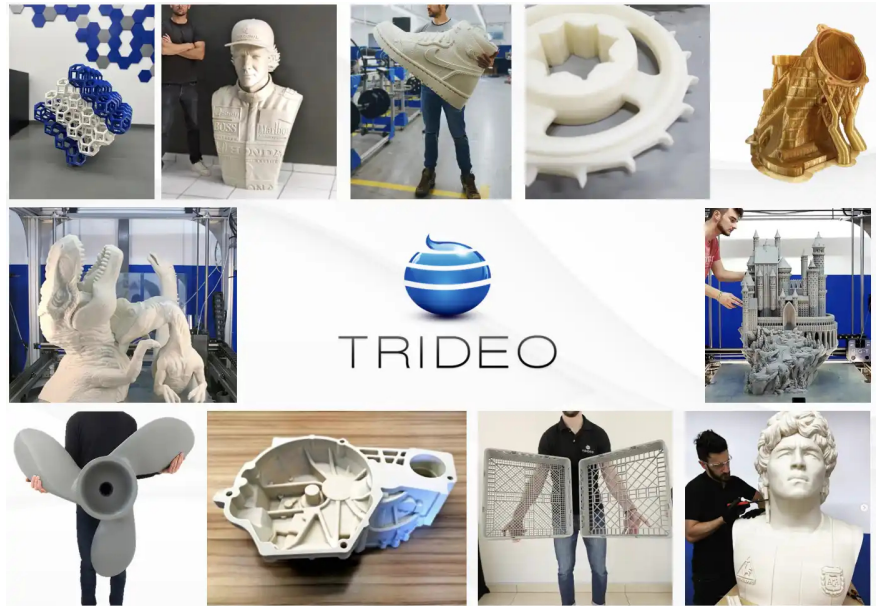
Industrial consulting company dedicated to distributing products and services in 3D technologies, such as printers and additive manufacturing services to various industries, mainly aerospace, automotive and machinery.

LEGACY:

Intelligy created an additive manufacturing center called 3DLAB in which we have different types of 3D printing technology available at the service of the industry. In which the printers are also exhibited. It has been cataloged as the largest 3D printing center in Latin America.

3. Introduction
4. Mexican Economy
6. History of Mexican AM Industry
10. Century 3D
12. DENI Laser
14. Grupo XDS
17. Intelligy 3DLAB
19. Trideo

TRIDEO



CONTACT:

Trideo

Rafael Delgado 97, Obrera,
Cuauhtémoc, 06800 Ciudad de
México, CDMX, Mexico

www: trideo3d.com

e-mail: laurent@trideo3d.com

social media:

- [LinkedIn](#)
- [Facebook](#)
- [Instagram](#)
- [YouTube](#)

ACTIVITY:

Founded: 2014

Activity: North & South America

BUSINESS:

Business activities

- **Hardware Manufacturer**
- **AM Service Provider**

AM Services:

- **FDM / FFF**
- **SLA / DLP**

Distribution:

- **Trideo – Big T**
- **Trideo – Dual T-500**
- **Trideo – Dual T-300**
- **Trideo – T600**

3. Introduction
4. Mexican Economy
6. History of Mexican AM Industry
10. Century 3D
12. DENI Laser
14. Grupo XDS
17. Intelligy 3DLAB
19. Trideo

OVERVIEW:

Trideo offers complete 3D printing solutions, operating across Argentina, Brazil, and, as of the second half of 2024, in Mexico. The company is driven by its mission to support professionals and businesses with innovative additive manufacturing technologies.

Since its founding in 2014, Trideo has excelled in delivering tailored 3D printing solutions to meet diverse professional needs. It designs and manufactures advanced 3D printers capable of producing large-format parts (up to 1m³) and works with high-performance materials such as ULTEM, PA, PC, ASA, and carbon fiber composites. In addition to manufacturing.

Trideo provides end-to-end 3D printing services specialized in high-volume production with outstanding speed and quality.

LEGACY:

With operations spanning three major Latin American markets, Trideo has become a trusted partner for numerous international companies on large-scale and global projects.

By blending expertise in designing and manufacturing 3D printers with professional 3D printing services, Trideo delivers customized solutions backed by years of experience, even for the most complex and demanding challenges.

Enhanced by specialized services in 3D design and consulting, Trideo is recognized as one of the most complete and reliable 3D printing companies in Latin America.

Thank you for reading!

If you would like to present your company in the next edition, please submit your application at www.am-writer.com.

If a given country or region has already been described in a given year, and the company you are submitting is not included – don't worry!

We will try to include it in the next edition.



Disclaimer

© 2025 COLORISED Sp. z o.o. All Rights Reserved.

This document and its contents are the property of COLORISED Sp. z o.o. (owner of the brands: "The 3D Printing Journal" and "AM Writer").

No reproduction, copy or transmission in whole or in part is allowed without COLORISED written permission.