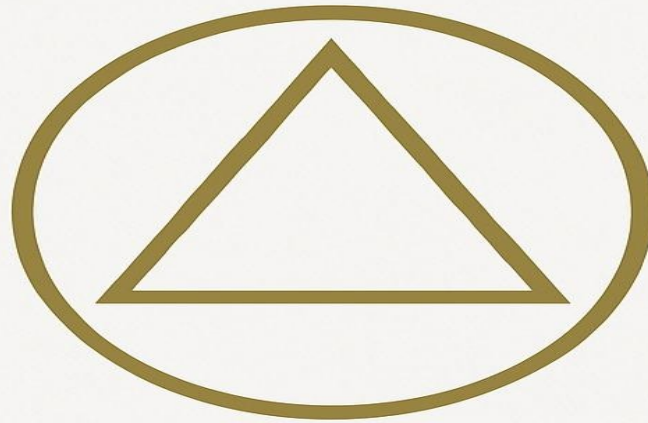




DeepL

Subscribe to DeepL Pro to translate larger documents.  
Visit [www.DeepL.com/pro](https://www.DeepL.com/pro) for more information.



AUREA  
CAPITAL

# Aurea Capital LLC-FZ

**SpaDim Solution Srl** is a company founded in July 2025.

It was born from the desire to want to offer solutions to the UAE market in terms of design, prototyping and manufacturing of components through engineering know-how gained over the years.

The company is fortunate to rely on a team of manufacturing engineers who have been working for more than 10 years now in the field of prototyping small and medium production runs (from 1 to 10 thousand pieces) of components for different sectors of industry.

We process any type of material and offer different production technologies such as: **CNC machining, silicone molds, injection molding, 3D printing and sheet metal machining.**

Surface finishes complete our service portfolio, enabling us to deliver a high-quality aesthetic-functional product quickly (average 10-15 calendar days).

The company's philosophy is people-centered.

Our ambition is to create an all-round service towards the customer. SpaDim Solution Srl enhances the growth and development of your business through an initial technical feasibility consultation and accompanying you through every stage of production up to delivery at your company.

We offer an in-house quality control service, material certificates, **ISO 9001** and **IATF16949** certifications and, in case of errors on our part, against a report, totally free remake guarantee.



- Registered Office:  
6h floor Meydan Road  
Nad Al Sheba, Dubai, UAE

# Aurea Capital LLC-FZ



- ISO and IATF Certifications
- Quality control
- CNC machining
- Rapid vacuum casting systems
- Casting materials
- 3D printing (SLA and SLS)
- Sheet metal machining
- Surface finishes
- Contacts



## ISO 9001 and IATF16949 qualification certificates



# Quality control

## Quality inspection equipment:

1. SEREIN Croma coordinate measuring machine (CMM)
2. VMS3020 Two-dimensional measurement
3. Granite inspection table
4. Digital calipers, 0-600 (mm)
5. Full range of pin gages, 0.5-12 (mm)
6. Full range of slide gages, 0-100-150-200-300-600-1000 (mm)
7. External micrometers, 0-25-75-100-125-150 (mm)
8. Surface roughness tester, hardness tester





# CNC machining

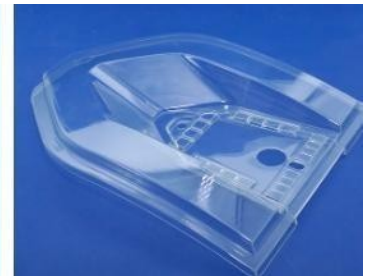
## Materials:

- Plastics:

ABS, PMMA, PC, PP, PS, POM, PA, PA+GF30, DHPE, HDPE, PPS, PTFE, PEEK, etc.

- Metals:

aluminum, brass, bronze, copper, steel, stainless steel







Example metal milled parts  
Automotive Sector



# Rapid vacuum casting systems





# Casting materials

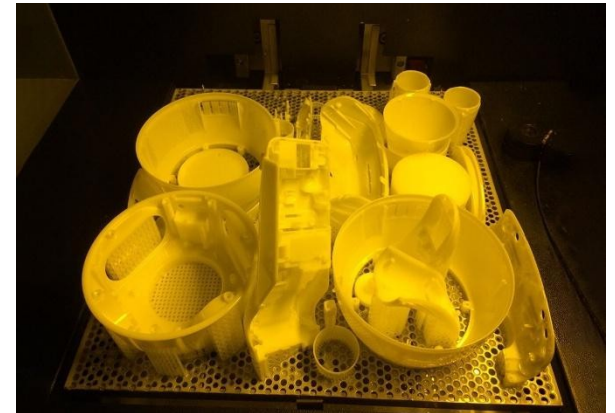
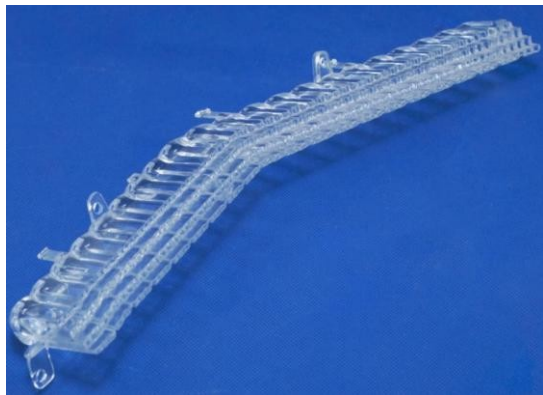
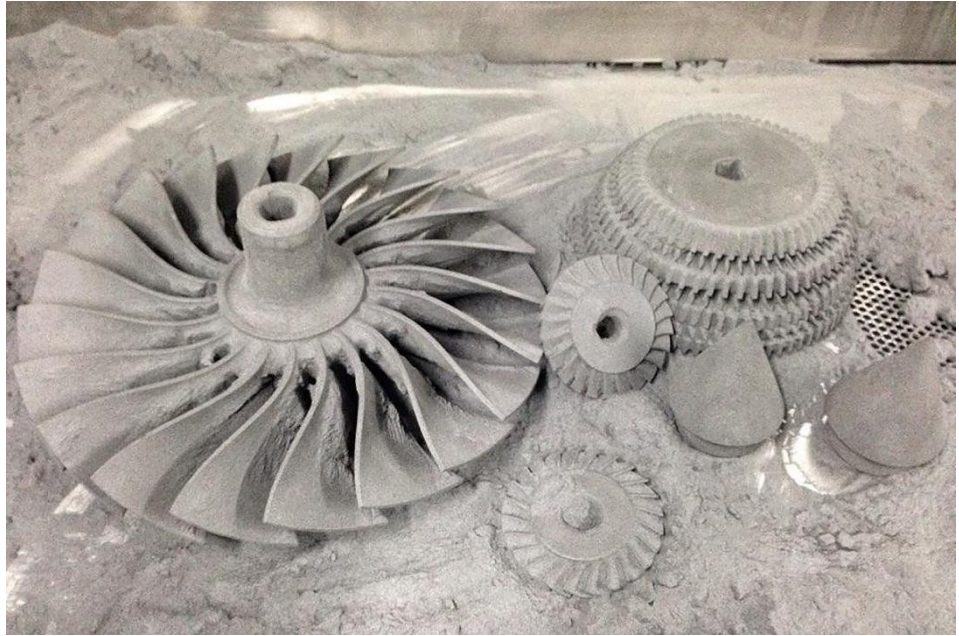
Injection molding materials: ASA, **ABS**, **PC**, **PC/ABS**, **PMMA**, PET, **PA6**, PA12, **PA66** (PA is nylon), **POM**, **PS**, HIPS, PE, DPE, LDPE, **PVC**, **PP**, **TPE**, **TPU**, etc.

Material Type	Material Code	Process	Color	Hardness Shore D/A	Heat deflection temperature	Application
ABS Like	Hei-Cast 8150	Vaccum Casting	Various	80-85	100 ℃	ABS type prototype parts Well-balanced physical properties Easy processing
	Hei-Cast 8158	Vaccum Casting	Various	84	90 ℃	ABS type prototype parts Well-balanced physical properties Easy processing
	PX-223	Vaccum Casting	Black	65-80	120 ℃	low viscosity. Impact resistant. Good Impact and Flexural resistance. Temperature resistance above 120°C
	Hei-Cast 8263	Vaccum Casting	Various	83	80 ℃	Well-balanced physical properties, difficult- inflammability,UL94-V0
	UP 6160	Vaccum Casting	Various	80-81	190 ℃	1. Good thermal resistance 2. Easy to pigment with CP color system 3. Easy processing and good reproduction accuracy
	MU55	Vaccum Casting	Various	82	93 ℃	Good Impact and Flexural resistance.
PC Like	PX-700	Vaccum Casting	Various	80	60 ℃	good transparency with low shrinkage
	PX520	Vaccum Casting	Clear	82	70 ℃	good transparency with low shrinkage
PMMA Like	UPX 5210	Vaccum Casting	Clear	83	70-90 ℃	good transparency with UV resistance
	Z1940	Vaccum Casting	Clear	82	75 ℃	good transparency with UV resistance,yellow resistance,and corrosion resistance
PP Like	UP 5690	Vaccum Casting	Various	75-83	-	1. Flexural modulus adjustable 2. High impact resistance, no breakable
Rubber Like	Hei-Cast 8400	Vaccum Casting	Various	30-90	-	1.Components for variable hardness,20A-90A 2.Easy to pigment with CP color system
	MU-89	Vaccum Casting	Various	20-90	-	1.Components for variable hardness,20A-90A 2.Easy to pigment with CP color system
	T0387	Vaccum Casting	Clear	30-80	-	1.Components for variable hardness,20A-90A 2.Transparent
POM Like	XU-50	Vaccum Casting	Various	87	145 ℃	1. High flexural modulus of elasticity 2.High reproduction accuracy 3. Easily coloured with CP pigments
PA Like	2180	Vaccum Casting	Black	87	135 ℃	0.2% low shrinkage , Corrosion resistance, acid and alkali resistance. High abrasion resistance

# 3D Printing (SLA & SLS & SLM)

## Some available materials:

- ABS
- PEEK
- ABS-like resin
- Transparent resin
- PA, PA12
- Nylon+ glass fiber
- SS316L
- AlSi10Mg
- Etc.

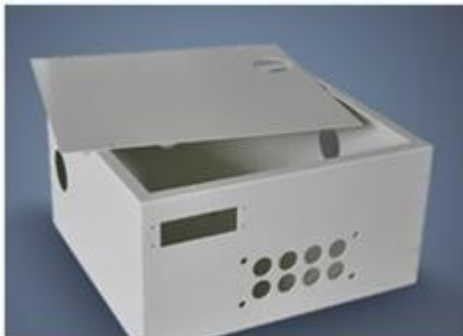
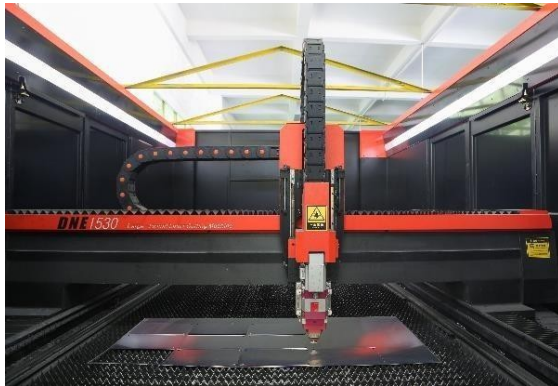


# Sheet metal processing

---

## Materials available:

- Steel: Q235, 45#, 40Cr, cold rolled plated (SPCC), galvanized sheet (SECC, SGCC), etc.
- Stainless steel: SS301, 303, 304, 316, 17-4PH, etc.
- Aluminum: Al5052, 6061, 6063, 7075, etc.
- Brass, copper and others





# Surface finishes

## Our part finishing capabilities:

- Mirror polishing/steam polishing
- Varnishing: matte/glossy/soft touch/electrically conductive
- Silk printing/ pad printing/ water transfer printing
- Anodizing
- Chrome plating
- Galvanizing
- Vacuum metallization
- Laser engraving
- Powder coating
- Sandblasting
- Heat treatment, etc.



# CONTATTI:



## **Tommaso Spano**

Aurea Capital LLC-FZ | Founder & CEO

+971 0582870492

ts@aureacapital.ae

http://aureacapital.ae

6h floor Meydan Road, Nad Al Sheba, Dubai, UAE



## **Andrea Dimperio**

Aurea Capital LLC-FZ | Founder & CEO

+971 0582946839

ad@aureacapital.ae

http://aureacapital.ae

6h floor Meydan Road, Nad Al Sheba, Dubai, UAE