



# MARTISA COMPONENTS, S.L.

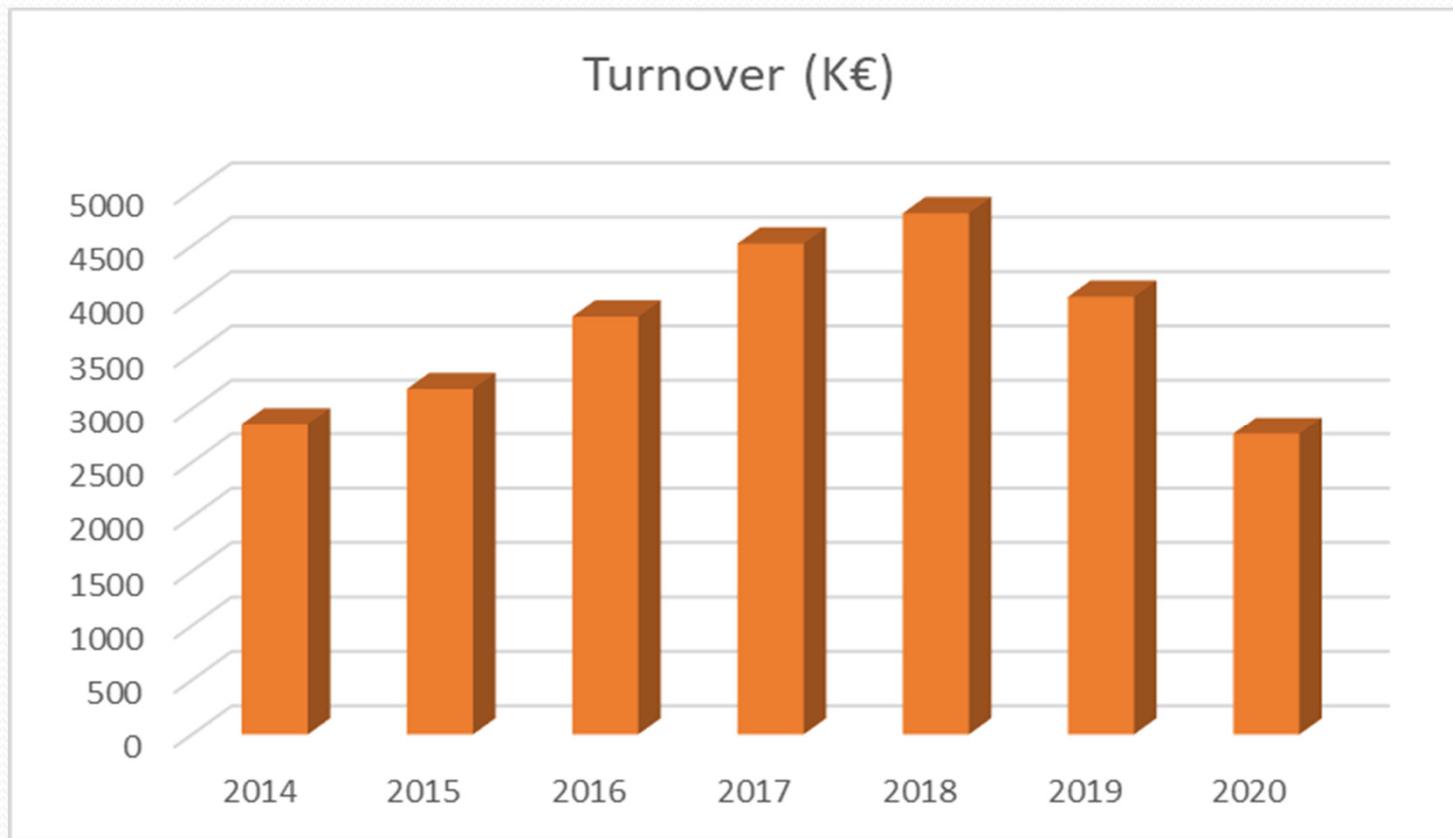
Company's presentation  
2021

# Company's presentation

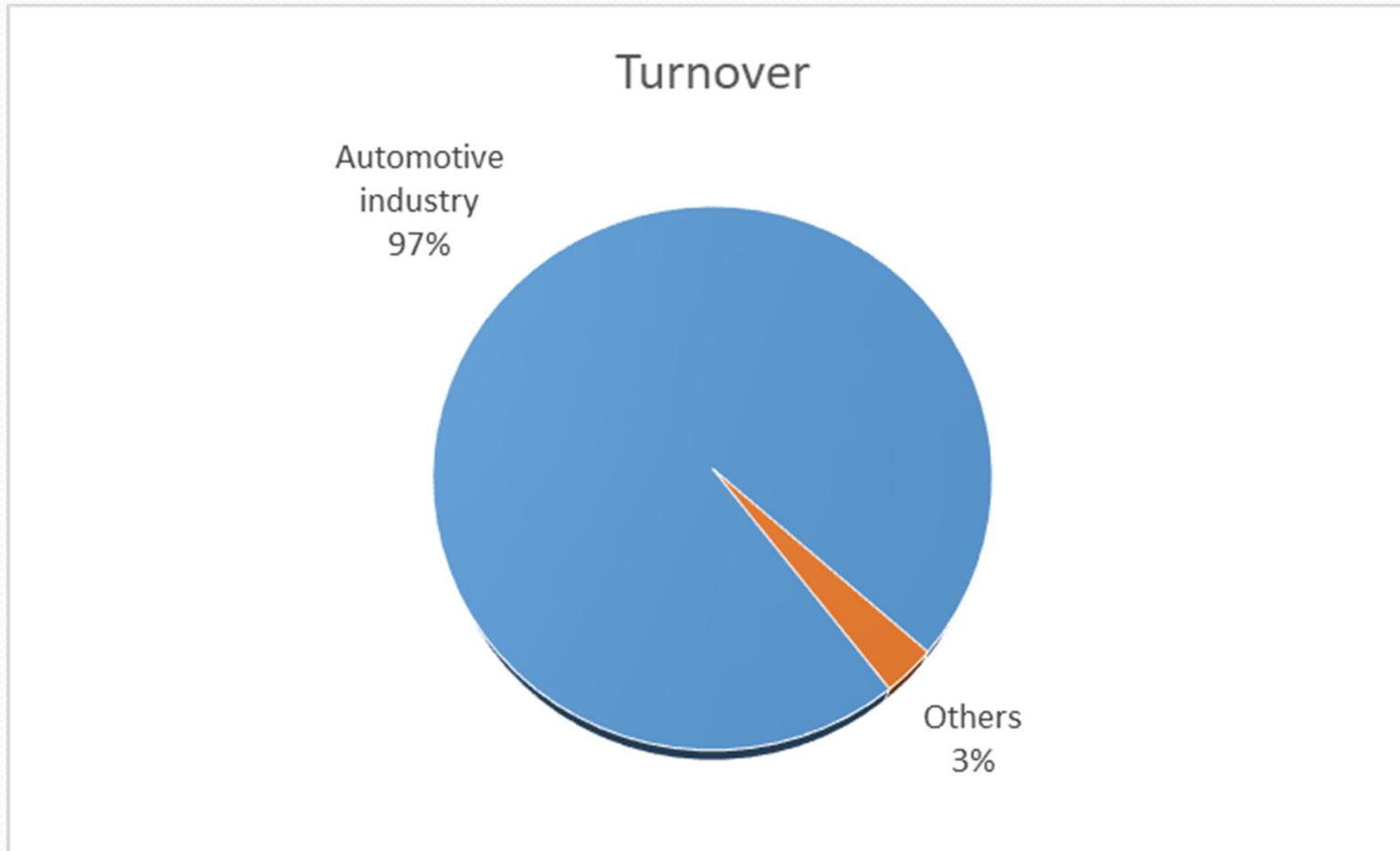
- MARTISA is a family business company located in Santpedor (Barcelona - Spain).
- Founded in 1983.
- It offers welding and stamping solutions since its foundation. It completes these services with others such as: orbital riveting, nailed of nuts and bolts, management of surface treatments, packaging and transport; in order to offer an integral service to the needs of its clients.
- Activity sectors: The main sector is automotive.
- Large series and prototype.
- More than 35 years of experience.
- Main facilities: two workshops of
  - Headquarters: 1750 m<sup>2</sup>
  - Martisa-2: 800m<sup>2</sup>



# Turnover (2014-2020)



# Sectorial Turnover (2020)



# Main types of processes

## **STAMPING**

- Stamping Presses:  
150TN, 160TN, 250TN, 400TN
- Manual Stamping

## **SOLDERING (ASSEMBLY)**

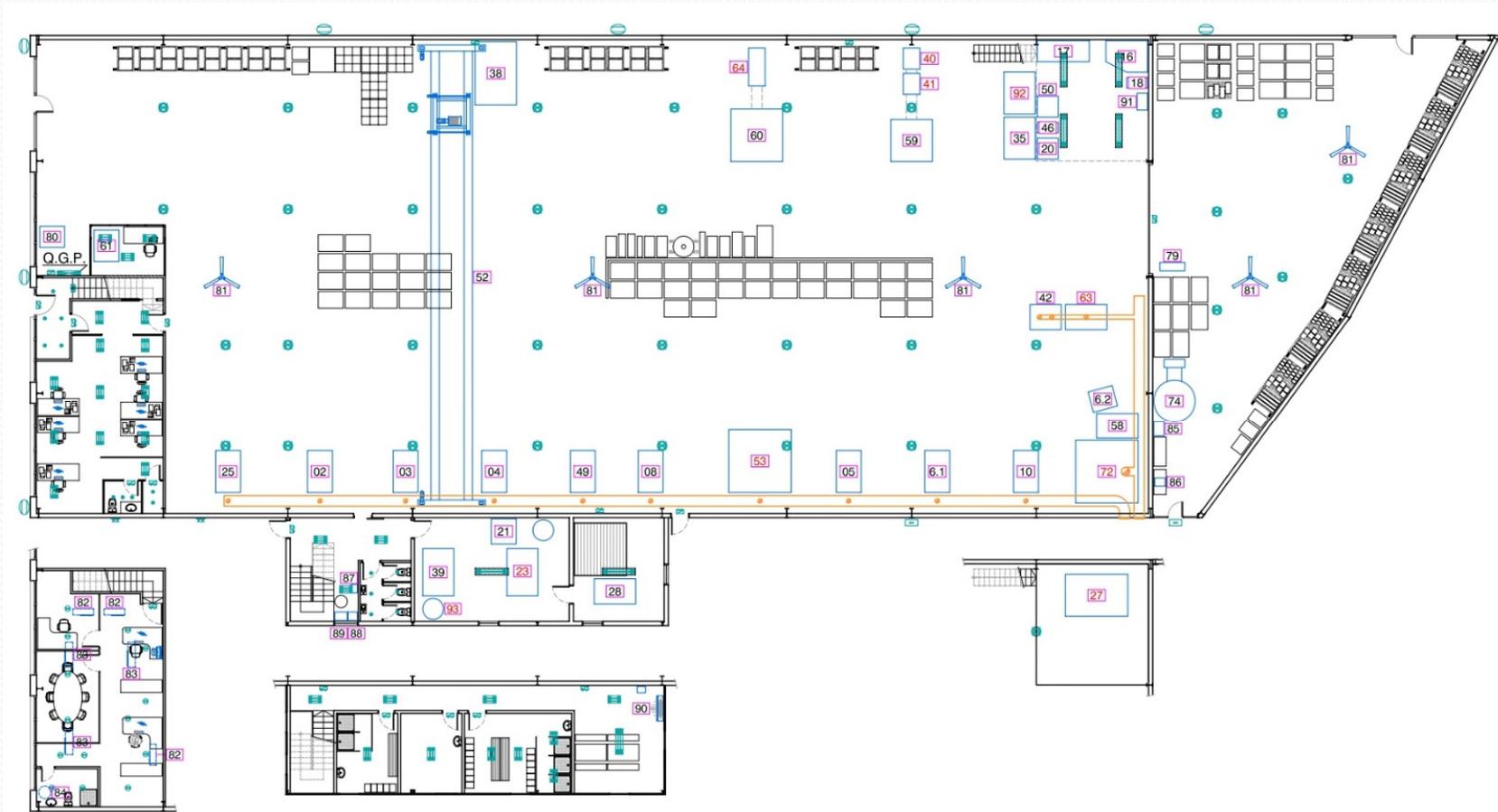
- Projection Welding
- Spot Welding
- Arc welding
- TIG Welding
- Weld of Sintering Material
- Soldering: automatic cells

## **METAL FINISHING**

- Rivets
- Surface Treatment
- Join Parts

# Layout

(main job shop)



# Machine park and Product Range

## Stamping process

|       | <i>Press machine</i> | <i>Type</i>                | <i>Tonnage</i> | <i>Feeder<br/>(Width x thickness)</i> | <i>Table size<br/>(length x width)</i> |
|-------|----------------------|----------------------------|----------------|---------------------------------------|--|
| N° 95 | Fagor                | Progressive stamping press | 400T           | 750 x 4mm                             | 2500 x 1000mm                          |
| N° 60 | Arisa                | Progressive stamping press | 250T           | 450 x 4mm                             | 1500 x 1000mm                          |
| N° 59 | Arisa                | Progressive stamping press | 160T           | 450 x 4mm                             | 900 x 900mm                            |
| N° 38 | Fagor                | Manual stamping press      | 150T           | -----                                 | 900 x 750mm                            |

## Press Picture



# Machine park and Product Range

## Welding process

|       | <i>Welding machine</i>                | <i>Type</i>                                   | <i>Power</i> | <i>Comments</i>  |
|-------|---------------------------------------|---|--------------|--|
| N° 99 | Spot welding cell                     | 1 Yaskawa Robot<br>1 Inverter Serra Soldadura | 125 KWa MF   | Two position servo controlled table Load + Welding   |
| N° 81 | Automatic cell for weld nut and bolts | 2 Yaskawa Robot<br>1 Serra Soldadura Beta 312 | 125 KWa      | Cell with automatic feeding of parts, bolts and nuts on rotary plate with 4 welding stations |
| N° 04 | Resistance welding machine            | Serra Soldadura Beta 312                      | 200 KWa      | Machine for welding nuts and bolts by protuberances  |
| N° 72 | Arc welding cell                      | Yaskawa Robot<br>and Fronius CMT 5000         | 900 A        | Cell with servo-controlled table RM2 with rotation 360° for round tube cords                 |
| N° 63 | Welding tucker bolts (Weld Stud)      | NELSON automatic double head N4s              | 25 KWa       | Machine with double head and automatic feeding for weld studs M5 and M6                      |

## Welding Machine Picture



N°99

N°81

N°04

N°72

N°63

# Machine park and Product Range

## Other process

|        | <i>machine</i>                  | <i>Brand</i> | <i>Type</i> | <i>Comments</i>   |
|--------|---------------------------------|--------------|-------------|---|
| N° 114 | Nut riveting cell (Profil nuts) | ALFAMATIC    | 20Tn        | Cell with 6 stations rotary plate to overlap cycle times  |
| N° 51  | Orbital riveting cell           | AGME         | RR 4-16     | Cell with 4 stations rotary plate Loading-verification-riveting-unloading                       |
| N° 108 | 3D printer                      | ULTIMAKER    | S6          | Physically print new parts to calculate process and production times and other part information |

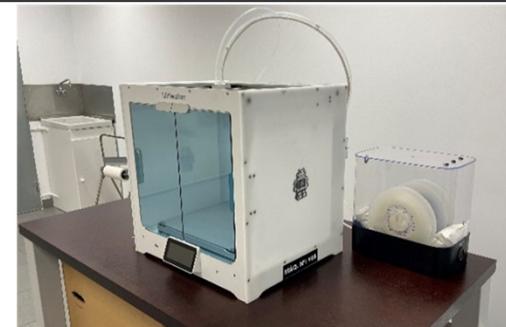
## Other Machine Picture



N°114



N°51



N°108

# Special Machines

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## Customized automated processes

(For mass production)



# Special Machines

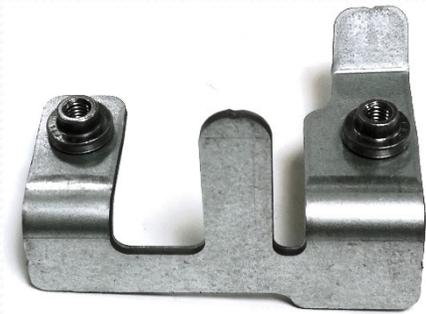
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## Customized automated processes

(For mass production)



# Parts samples



# Quality

**MARTISA** has a Quality Management System certified according to:  
ISO 9001:2015 and IATF 16949:2016



First certification from 2001.

Scope: “**Production of metal parts by stamping and welding**”

# Quality

## MARTISA's certificates:

**Certificate**

Standard **IATF 16949:2016**  
(1st edition, 2016-10-01)

Certificate Registr. No. 01 111 1816912  
IATF Certificate No. 0322254

Certificate Holder: **Martisa Components, SL**  
Ctra Navarcles, s/n (Km 4,5) - P.I. Riu d'Or  
08251 Santpedor  
Spain

With extended manufacturing site

**Martisa Components, SL**  
Carrer Transport, Nave nº 7  
08251 Santpedor  
Spain

Scope: Production of metal parts by stamping and welding

Proof has been furnished by means of an audit that the requirements of IATF 16949:2016 are met.

Validity: The certificate is valid from 2018-08-10 until 2021-08-09.

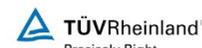
Release date: 2018-08-15

  
TUV Rheinland Cert GmbH  
Am Grauen Stein - 51105 Köln  
Germany - HRW

  
2-IAO-QMC 01003

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www.tuv.com

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**Certificate**

Standard **ISO 9001:2015**

Certificate Registr. No. 01 100 1816912

Certificate Holder: **MARTISA COMPONENTS, S.L**  
Ctra. Navarcles, km. 4,5 – Pol. Ind. Riu d'Or  
08251 Santpedor (Barcelona)  
Spain

With extendend manufacturing site:

**MARTISA COMPONENTS, S.L**  
Carrer Transport, nave nº 7  
08251 Santpedor (Barcelona)  
España

Scope: Production of metal parts by stamping and welding.

Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.

The due date for all future audits is 04-12 (mm-dd).

Validity: The certificate is valid from 2018-10-17 until 2021-07-11.  
First certification 2018.

2018-10-18

  
TUV Rheinland Cert GmbH  
Am Grauen Stein - 51105 Köln

  
DAkkS  
Deutsche  
Akademie für  
Qualitätsmanagement  
DIN EN ISO 9001:2015

# Quality Control main equipment

| <b>Laboratory</b> |   |              |               |   |
|-------------------|---|--------------|---------------|---|
|                   | <i>Machine</i>                                    | <i>Brand</i> | <i>Type</i>   | <i>Comments</i>   |
| N° 114            | Coordinate measuring machine (CMM)                | DEA          | PIONEER 5-6-4 | It uses a very sensitive electronic probe to measure points on the geometry of a solid part. These measurements are used to check the conformity of the part with the specifications of the drawing. It is essential for the homologation of first parts. |
| N° 119            | Digital microscope with software Dino capture 2.0 | DINO-LITE    | PRO AM-413T   | It is used for quality control of weld penetration and for measuring small parts. Record still images and video in VGA or 1.3 MP resolution. With the Software you can calculate the distances, angle, diameter and radius.                               |
| N° 77             | Hydraulic presse with digital transducer in Kp    | MECAMAQ      | MD-30<br>10Tn | It is used for quality control of weld resistance the weld nuts and weld bolts.   |

| <b>Laboratory Machine Picture</b>   |   |  |
|---|---|--|
| <br><div style="background-color: #90EE90; padding: 2px; display: inline-block;">N°114</div> | <br><div style="background-color: #90EE90; padding: 2px; display: inline-block;">N°119</div> | <br><div style="background-color: #90EE90; padding: 2px; display: inline-block;">N°77</div> |

# MARTISA team

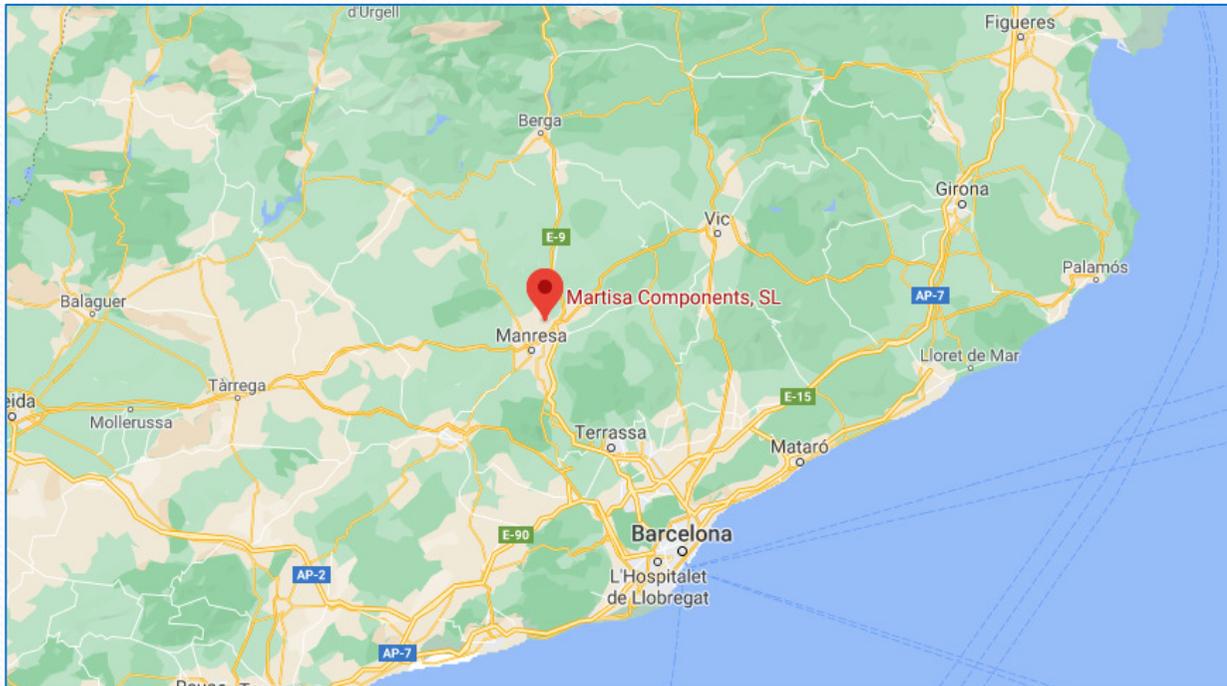
(20<sup>th</sup> anniversary present facilities celebration)



# MARTISA CSR. Sponsoring



# Location



MARTISA is in Santpedor, 60 km from Barcelona and 100 Km from Girona.

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