



precitechnique

MANUFACTURE OF DEEP DRAWN HIGH PRECISION PARTS ON PROGRESSIVE TOOLS



Since 1961

Precitechnique has been specialized in the manufacture of deep-drawn high precision parts manufactured on progressive tools.

- **Plant :**
4300m² + warehouse 700 m² located in Grenoble, in the heart of the Alps.
- **Workforce :**
 - PTD : 59 employees
 - DED : 10 employees
- **Precitechnique :**
 - Designs and builds its own progressive tools.
 - Manufactures over 1 Billion deep-drawn pieces per year for a worldwide demand.

HISTORIC

December 15, 1961: THOMSON, in association with LIP, set up the company PRECILIP DAUPHINE.

1964 : Divestiture of LIP. PRECILIP DAUPHINE becomes PRECITECHNIQUE DAUPHINE.

1981 : The stamping division is sold to AUGÉ DECOUPAGE in Besançon. Diversification to perfumery, pharmaceutical and electronics industries begins.

1984 : PRECITECHNIQUE DAUPHINE is purchased by a private company and becomes independent of THOMSON.

2005 : PRECITECHNIQUE DAUPHINE is purchased by Genesis Development.

2013 : DED production is purchased by Genesis Development and is relocated to the PRECITECHNIQUE facility in January 2014.

2019 : Launch of our Transformation Plan.

TURNOVER 2019 = 13,7 M €

Precitechnique / DED Production are present on the following markets :



Perfumery



Pharmacy



Automotive



Cycle



Electronic



Miscellaneous markets



Tarpaulins / textiles

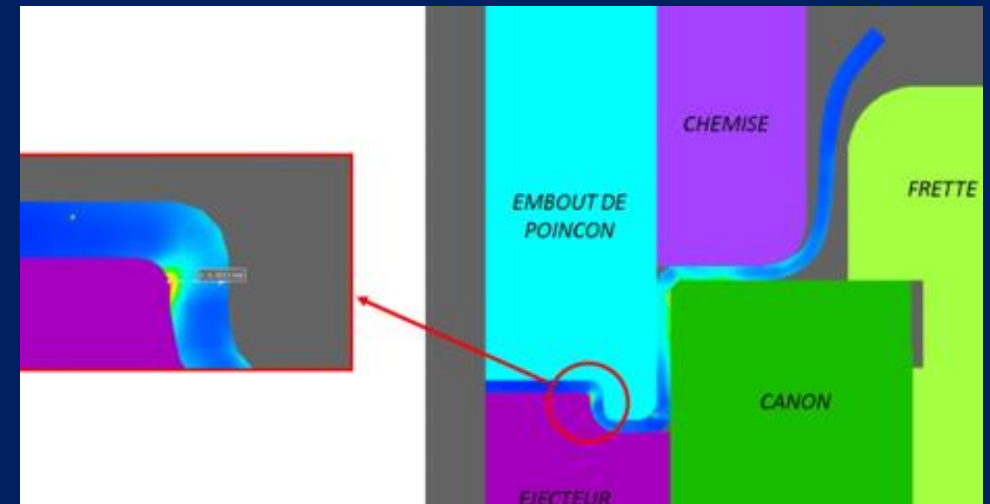
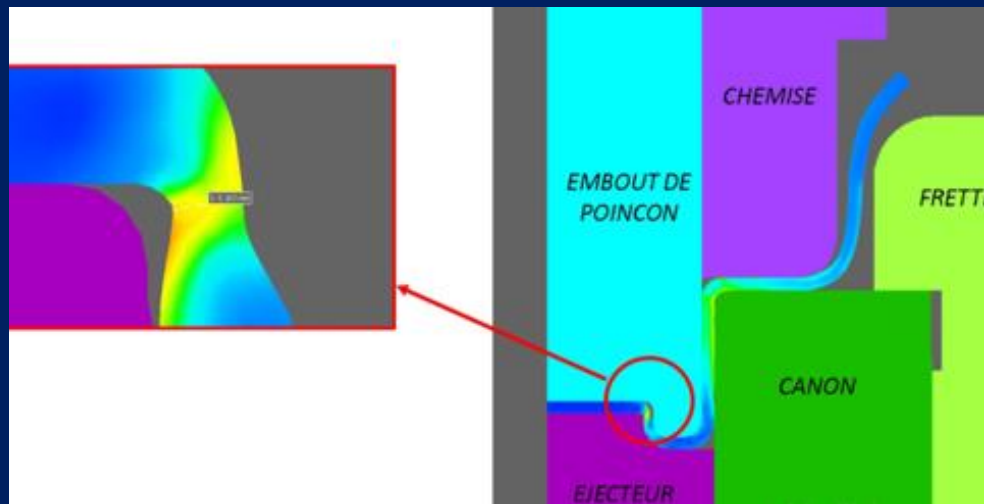
ENGINEERING AND DEVELOPMENT



- Its mission is to provide customers with **technical solutions** and **implementation Solutions** should integrate both **technical, economical** and **quality expectations**.
- In-house tooling conception : **4 stations equipped with 3D Solid Works and LogoPress**.
- In-house **dedicated tooling workshop**.

ENGINEERING AND DEVELOPMENT

- Simulation of tooling geometries reduces drastically the Time to market by cutting the # of iterations.
- Optimize process steps and tooling geometry.



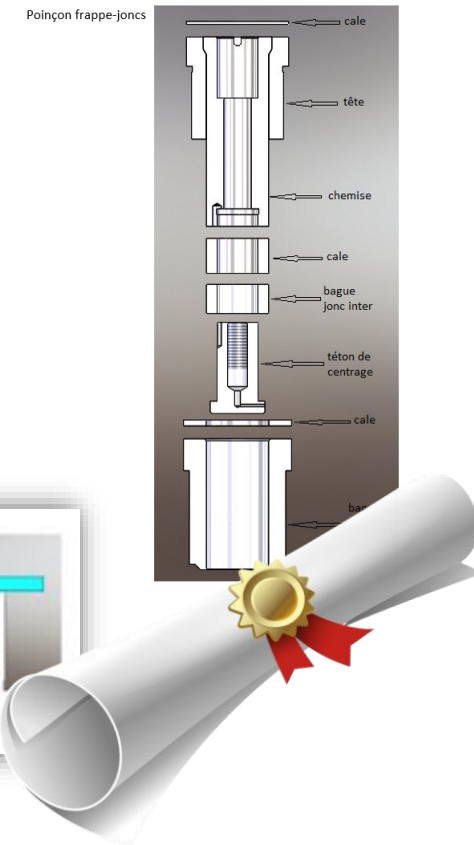
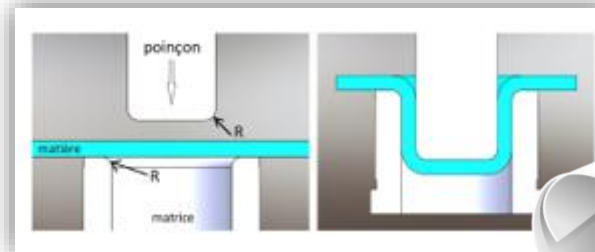
CONTINUOUS IMPROVEMENT

2021 major projects



Counting and packing automation

- Les poinçons de frappe-joncs sont composés de diverses pièces empilées les unes sur les autres; il est donc indispensable de garder un bon **parallélisme** entre elles (y-compris les cales). Un défaut de quelques centièmes cumulé sur plusieurs pièces peut engendrer des **côtes mauvaises** et non stables, ainsi qu'une **usure** prématurée et irrégulière des différents éléments (cf. ovalisation) et de la bague guide-poinçons.



Precitechnique academy

MEANS OF PRODUCTION

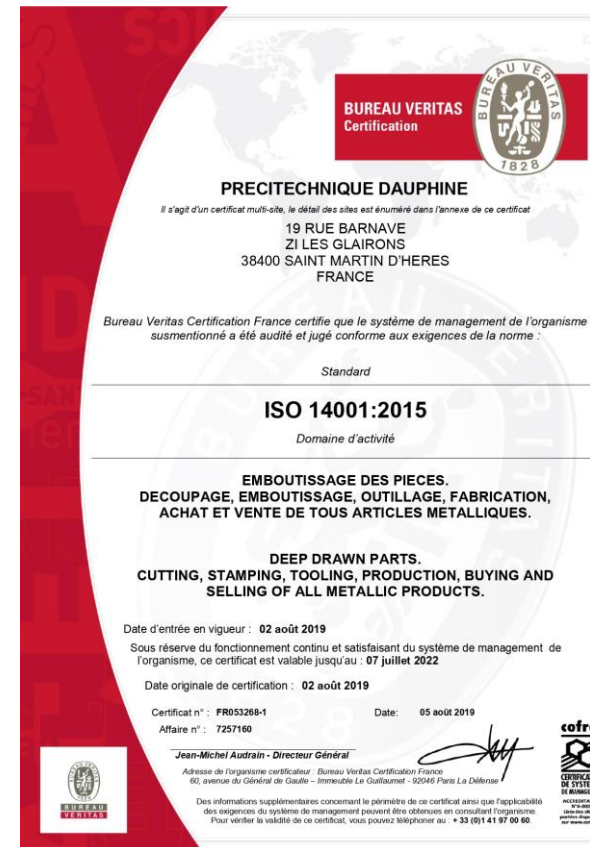
Manufacturing and inspection

- ❑ 30 progressive presses from 30T to 125T
- ❑ 1 hydraulic press (100T)
- ❑ 1 compacting machine for aluminum scraps
- ❑ 5 tribo finishing and washing machines
- ❑ 1 Tri dimensional (optical and probe)
- ❑ 1 profilometer



QUALITY

- **PRECITECHNIQUE** has been ISO certified for the design of progressive dies and the manufacture of stamped parts since 2006. In 2018, our company has been certified IATF 16949.



CUSTOMER REFERENCES

Aptargroup

 life.augmented





 **SILGAN**
DISPENSING

 **TEXAS INSTRUMENTS**

 **THERMAL
MANAGEMENT
SOLUTIONS**

Nemera

 **Microsemi**

 **EFI**
AUTOMOTIVE

éolane

Dauphinoise Thomson

a company of **Thermal Management Solutions**


TESEM

 **electrovac**

coltherm

Dauphinoise Thomson

a company of **Thermal Management Solutions**

 **Vernet**

 **COSTER**



Sintermetalglass Srl
Glass to metal seals

 **CROUZET**


precitechnique
EMBOUTISSAGE DE PRECISION


DED production
DECOUPAGE EMBOUTISSAGE

PERFUMERY / PHARMACEUTICAL MARKET

- Using progressive tools which combine high productivity and reproducibility, precitechnique has become the European leader of actuator caps.
- **Actuator components:**
 - Actuator caps (550 Mp per year), ferrules (300 Mp/year), collars.
 - material: alu 5657, 8011 and 5005, pre-varnished alu.
- **Packaging components:**
One Million



OTHER MARKETS

- **Electronic :**

- Semiconductor
- Opto électronique



- **Automotive :**

- Deep cap for electro pump (material: stainless steel AISI 305)
- Radiator valves (material: stainless steel and EPDM seal)
- Thermostat cups (material: Brass Cu90Zn10)



- **Miscellaneous Markets :**

- Caps for Liquid lenses for cameras (sensors, bar codes)
- Caps for Micro switch for Aerospace
- Eyelets for cycling, textile, tarpaulins,...



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