Moldex3D

Deformazione: analisi, simulazione e verifica metrologica

U-Shin Italia Spa – Pianezza Torino
Marco Buzzi - *Mold Engineering*

Global U-Shin
- Create the world leader in Access Mechanisms -

U-Shin, global Japanese company founded in 1926 and specialized in access mechanisms systems for vehicle and control panels, is an automotive part supplier which provides robust, reliable, competitive and innovative solutions to meet expectations of most demanding customers all around the world.

Present in 15 countries, U-Shin is a global company that realized 40% of its turnover in Asia, 40% in Europe/Russia and 20% in North and South America.

With a strong portfolio of over 2.500 patents, U-Shin has a unique expertise in the electrical, mechanical, optical, electronic, cosmetic, and implemented in a wide range of products. With 12 Development Centers scattered around the world, U-Shin has the ability to deploy worldwide global projects and offering reduced development costs and proven solutions.

It is in 2013 that U-Shin bought a part of Valeo specialized in access mechanisms in order to reinforce its position around the globe.

Today, world leader in access mechanisms, U-Shin creates intuitive, innovative and differentiating product in order to position itself as the leading multi-specialist in its category.

Creating and Offering the New Value

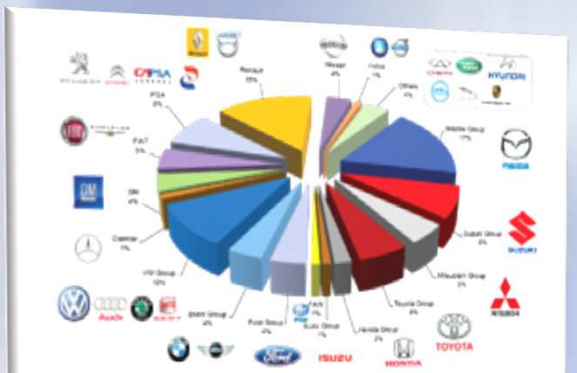
Global U-Shin

- Create the world leader in Access Mechanisms -

Global Footprint

15 countries

Strong presence in Europe and Asia



Global Customer Portfolio

Creating and Offering the New Value

Global U-Shin
- Key figures -

8500
Employees

2 Product Lines
Handles&Latches - Locksets

7 Technology Poles
Latche, lockset, Handles, PCS, ESCL
Switch, Heater Control

Creating and Offering the New Value

u-shin

Global U-Shin
- Key Figures -

U-Shin realized

- 40% of its turnover in Asia,
- 40% in Europe/Russia,
- 20% in North and South America

Strong portfolio of over 2.500 patents

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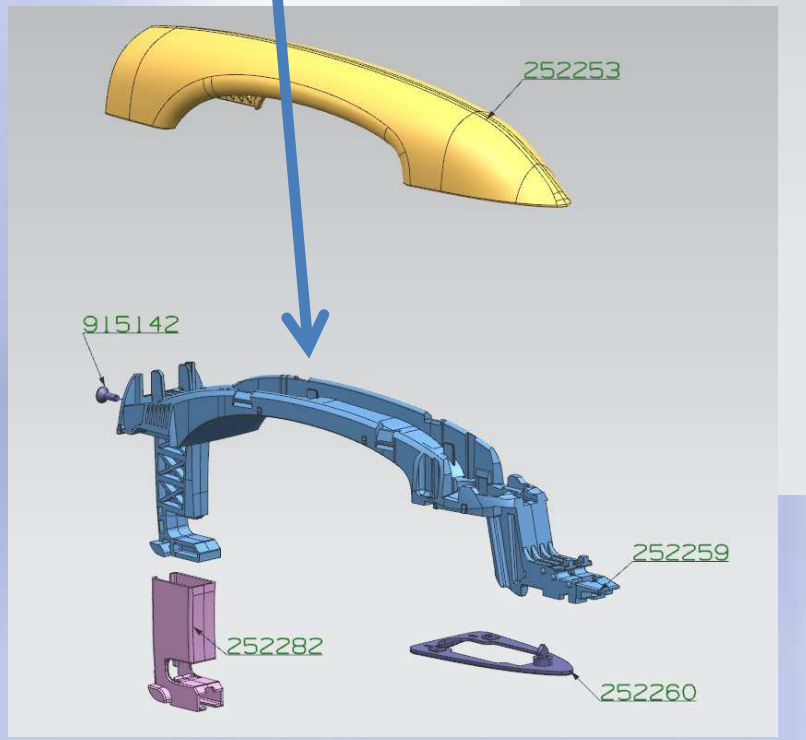
MANIGLIA
MECCANICA

STRUTTURA



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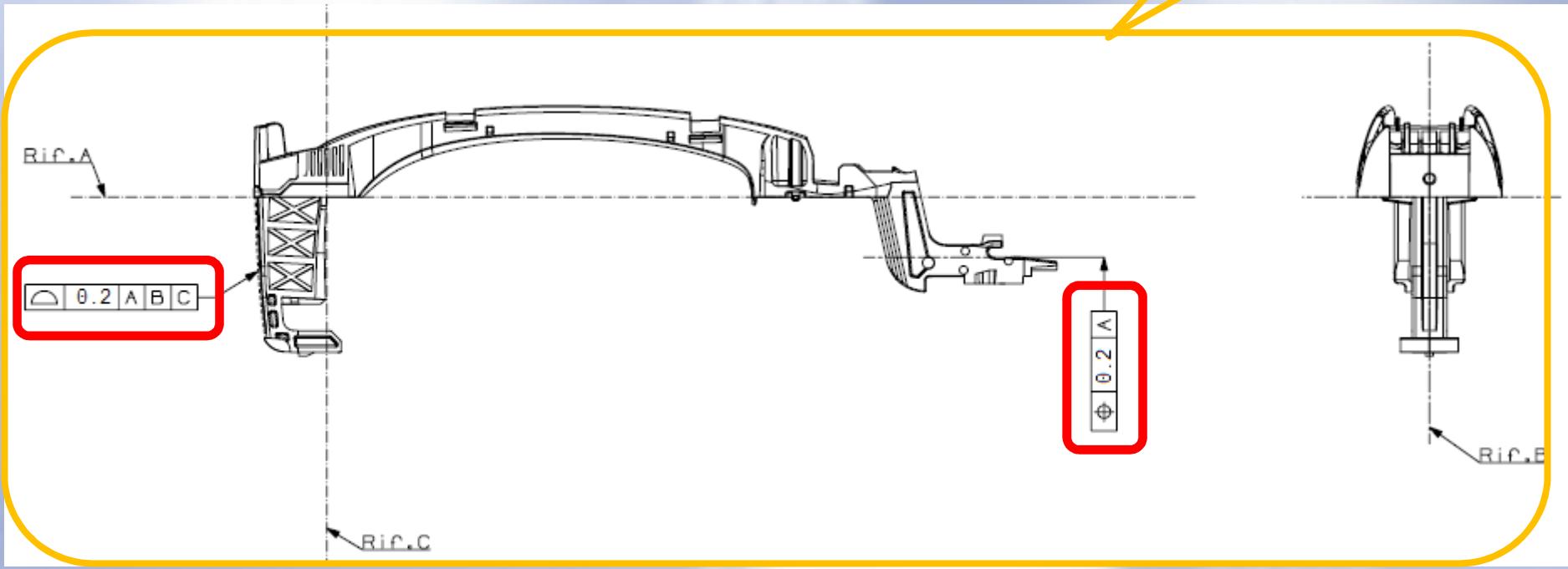
STRUTTURA

ESTRATTO DAL DISEGNO



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3D ELEMENTO DRAFT

MOLDEX 3D FPW

MODIFICHE PRODOTTO PER MIGLIORAMENTO PROCESSABILITA'

3D ELEMENTO MODIFICATO REV.1

MOLDEX 3D FPW

DESIGN FREEZE

3D ELEMENTO FREEZE

MOLDEX 3D CFPCW

MODIFICA 3D STAMPO CON REVERSE WARP "STL"

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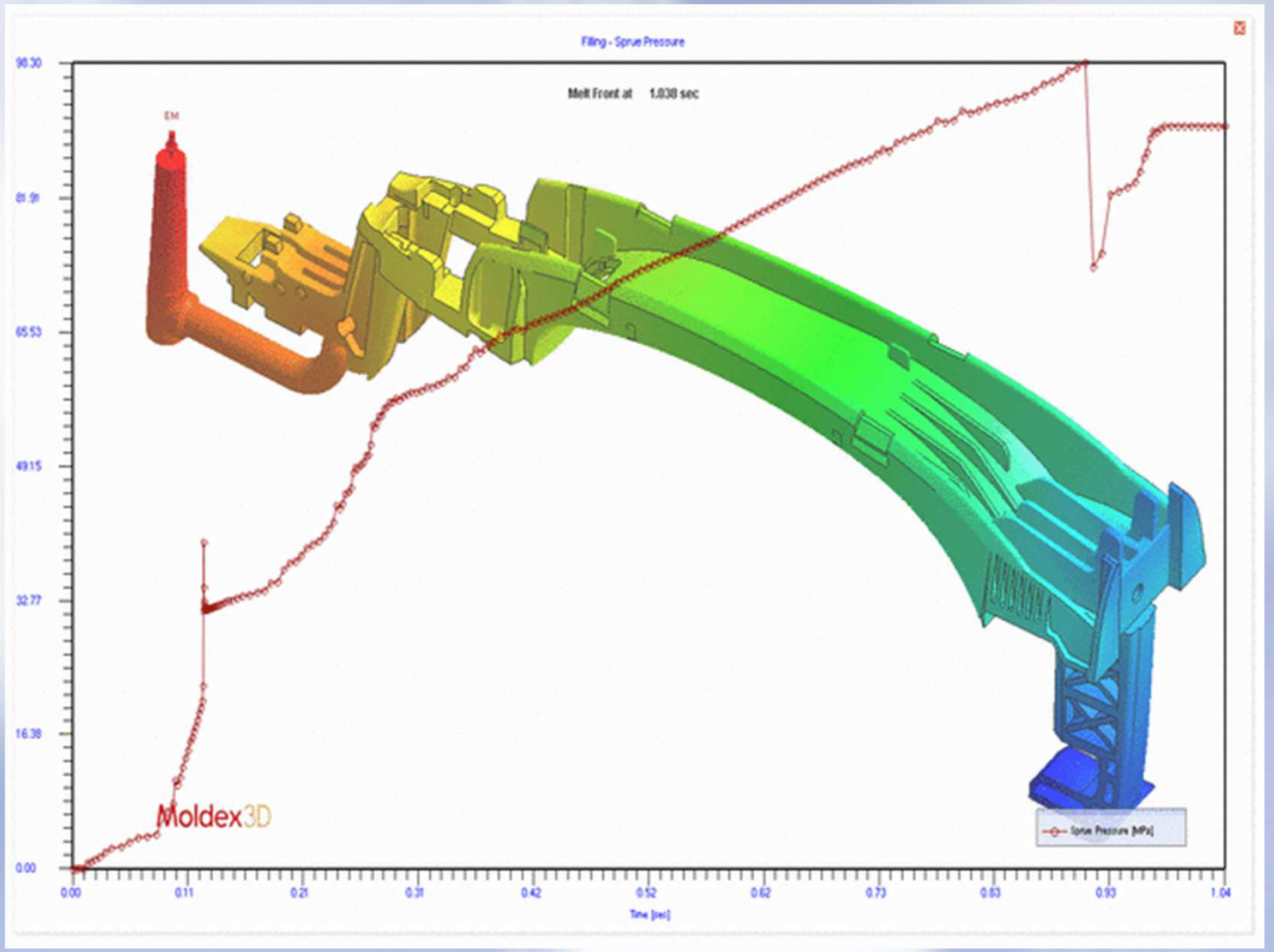

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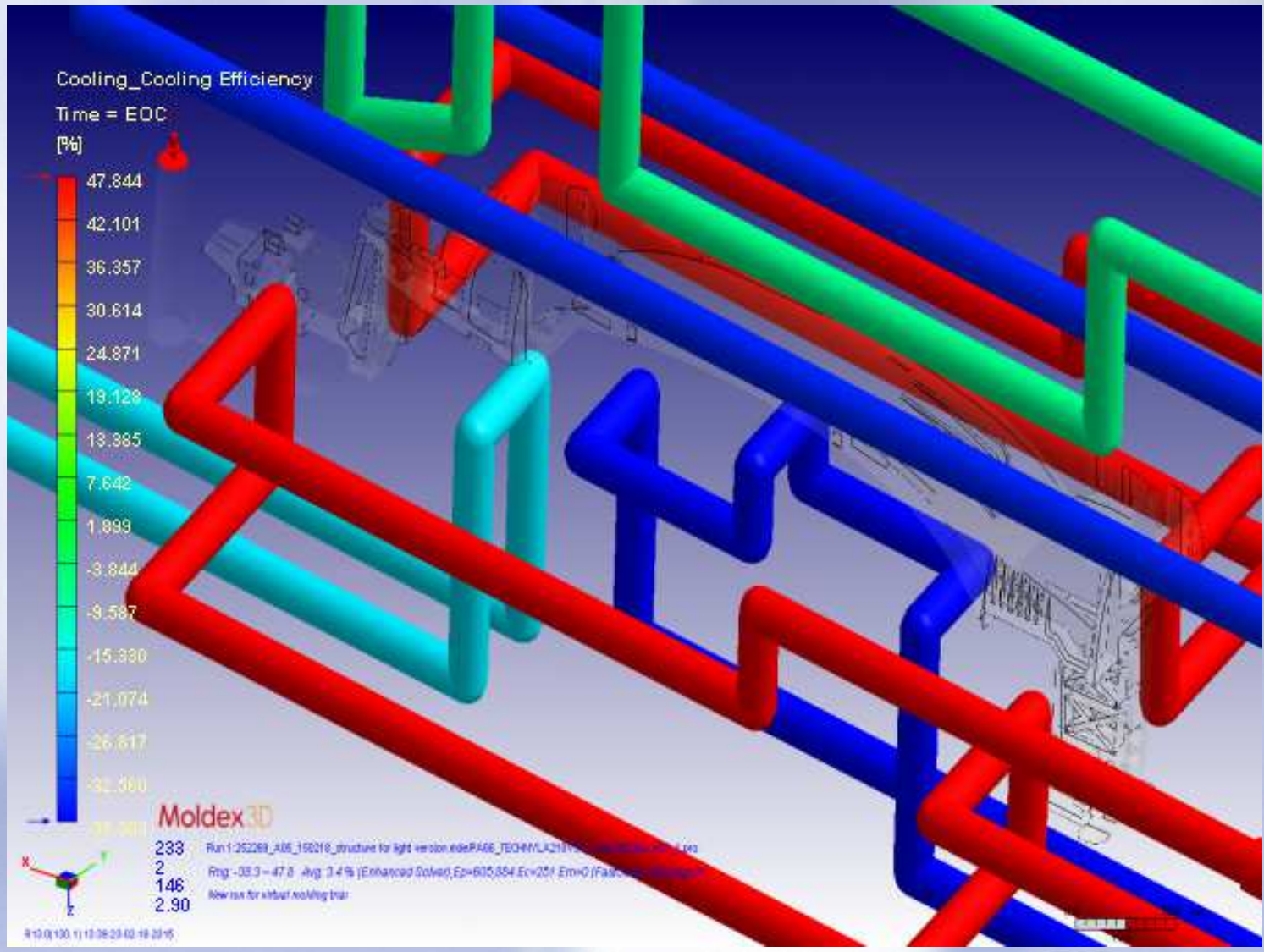

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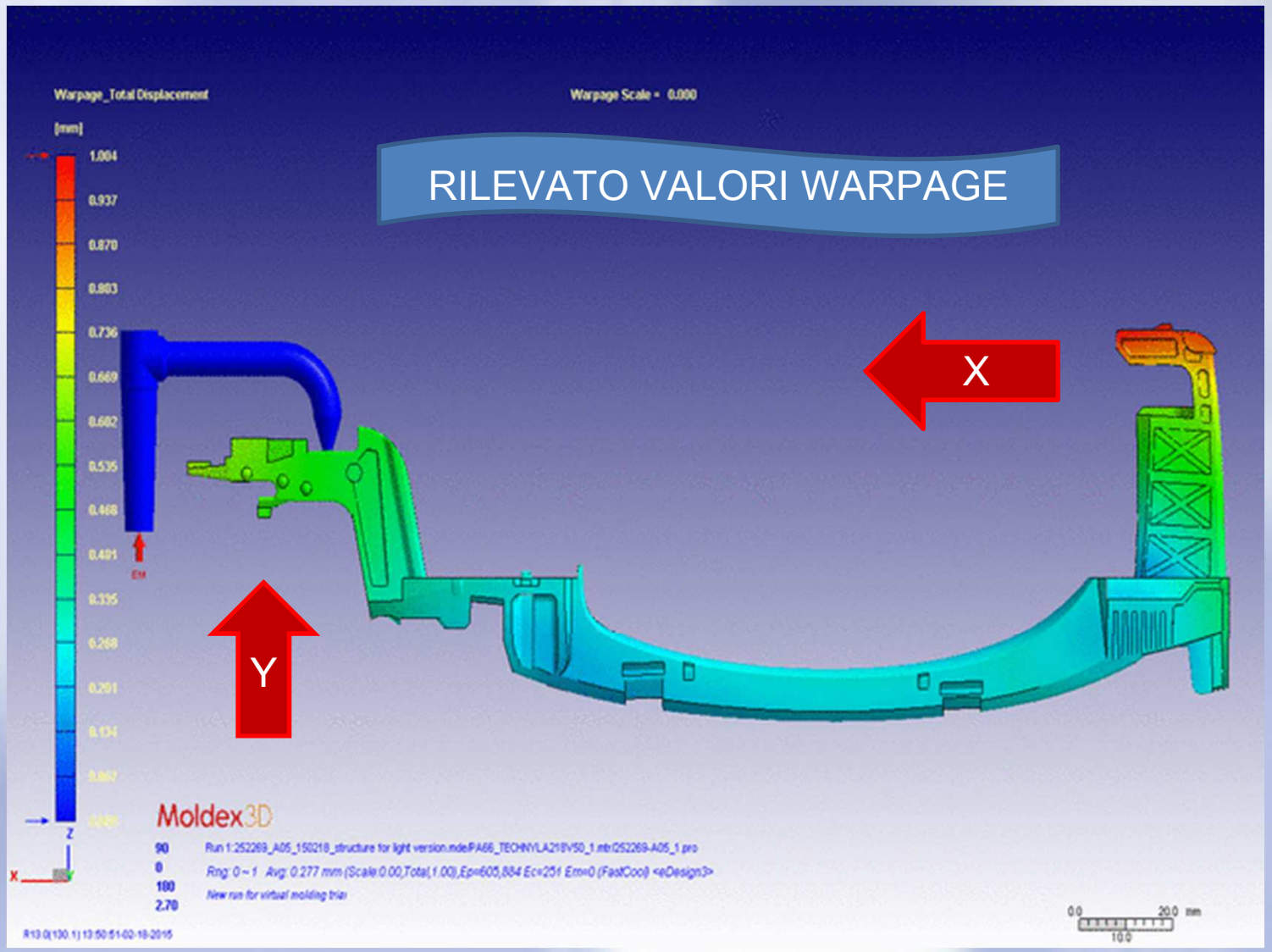

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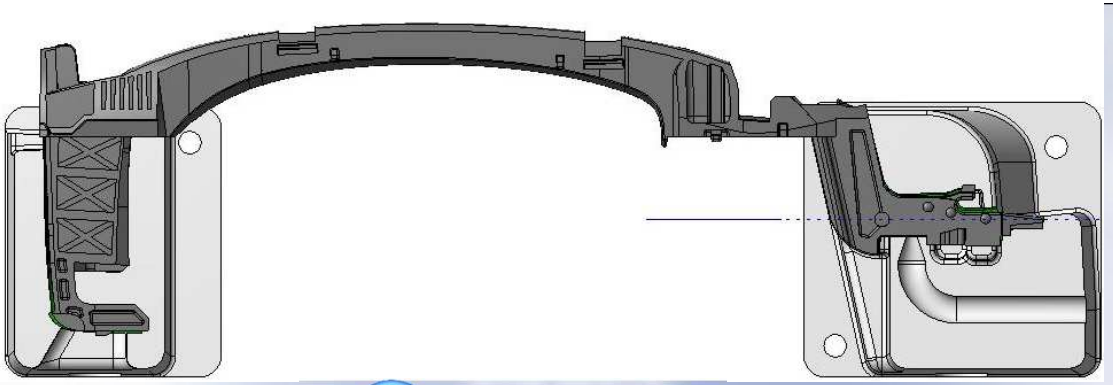
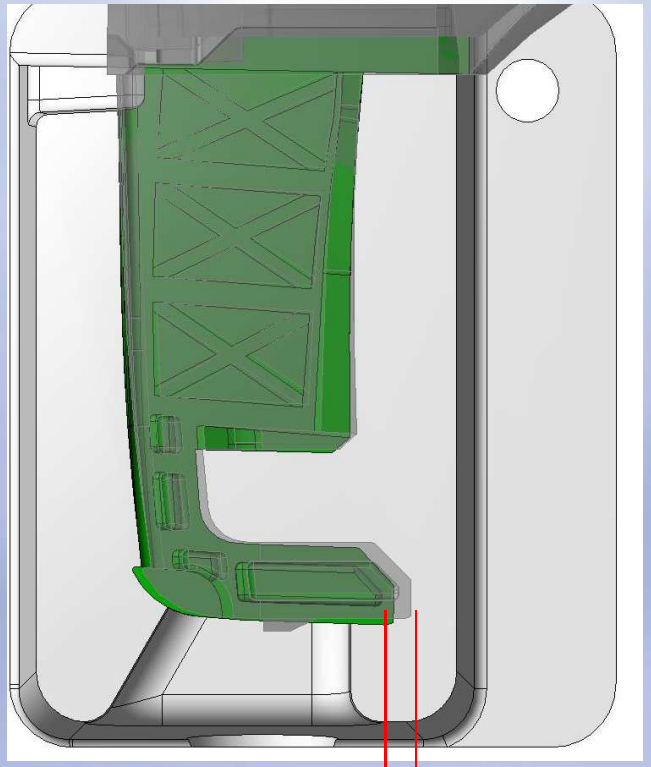
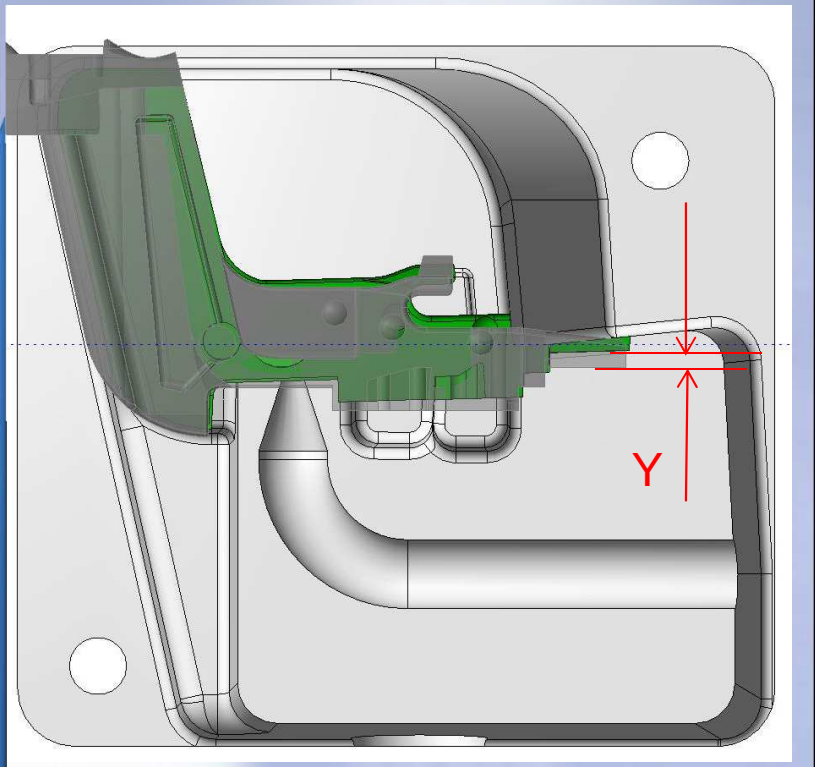




MODIFICATO 3D STAMPO CON VALORI WARPAGE UTILIZZANDO STL WARPAGE REVERSE DI MOLDEX



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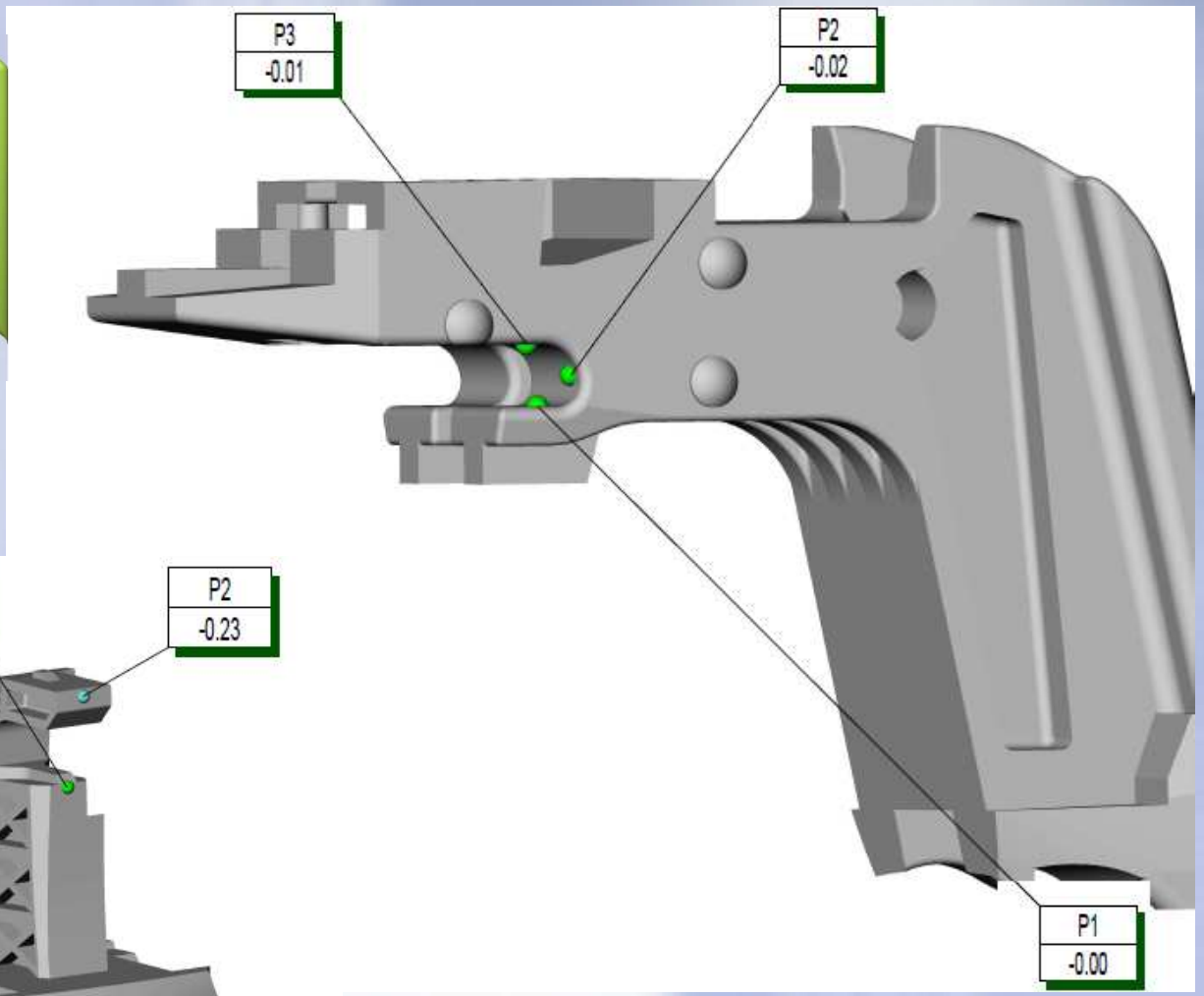
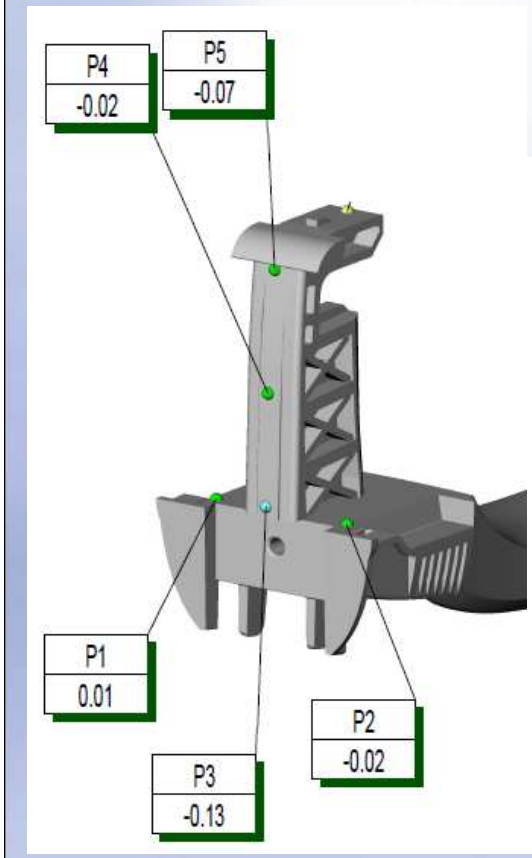
MISURE 3D DOPO FOT





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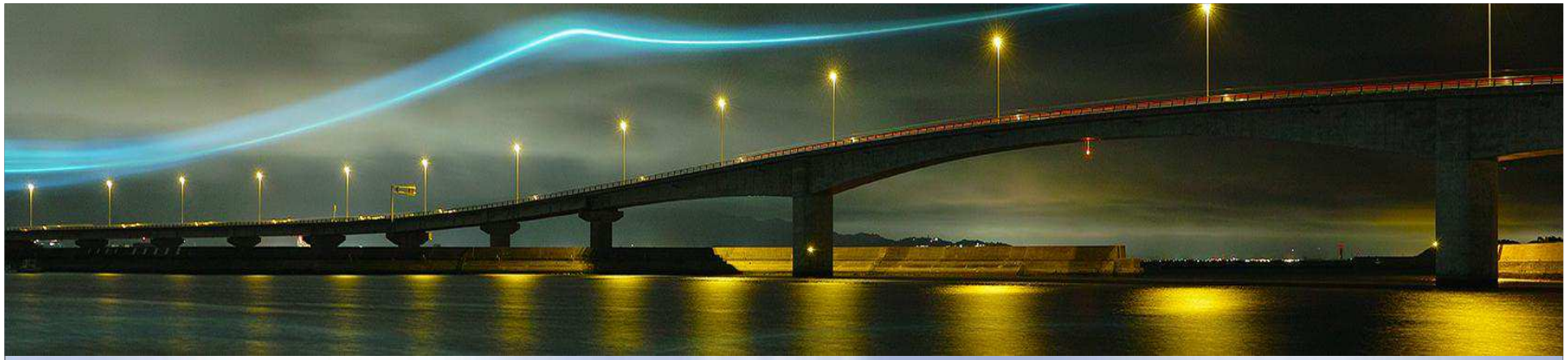

Thank you for your attention!!

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