



innovative infrared technology



- Hot stamping online temperature monitoring system
- temperature monitoring of hot auto parts at the outlet of the furnace, taking care of the minimum temperatures, avoiding scrap parts during the process.
- monitoring of molds, temperatures in the upper part and in the lower part of the molds with the possibility of dragging them to an SQL system.



- **3x OPTPI1MLOF16T1800**
 - ACPIJAEU
 - ACPIUSBSGB
 - ACCJAPIPIFMA

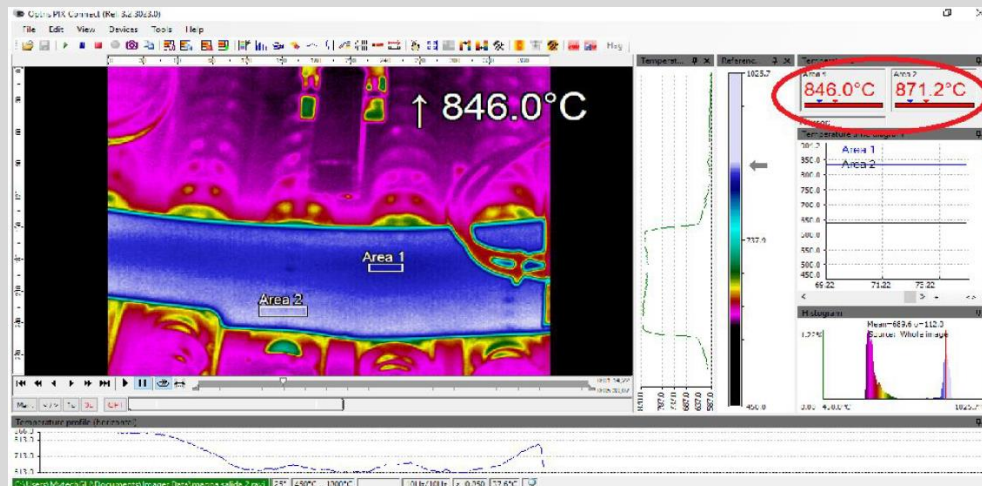
- **12x OPTPI450O80T900**
 - ACPIJAEU
 - ACPIUSBSGB
 - ACCJAPIPIFMA

- **6x OPTXI40LTF06T090**





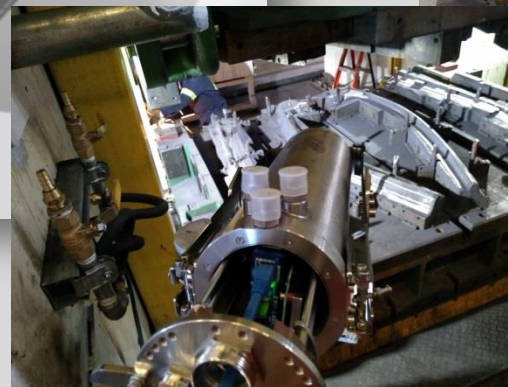
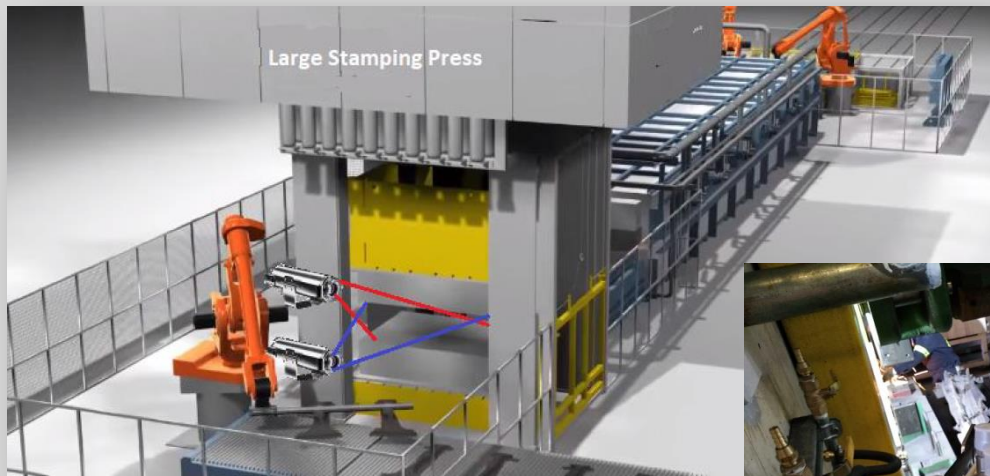
- schematic of the installation of the PI 1ML camera



- variation of up to 25 ° C in a piece that is supposed to be uniform
- PI1M detecting this temperatures

MEASUREMENT OF TEMPERATURE IN MOLDS OF LARGE STAMPING PRESS

- measure the surface temperatures of the molds
- prevent any crack, fissure
- keep an historical, specific data, of some specific zone.
- Total cameras 4 cameras: 2 at the top to see the matrix of the mold and 2 to see the matrix of die



- Schuler <https://www.schulergroup.com/>
Germany
- Bemteler <https://www.benteler.com/>
Germany
- Gestamp <https://www.gestamp.com/>
Spain
- Faurecia <https://www.faurecia.com/en>
France





Press Manufacturing



Hyundai Wia's press, which upgraded the quality of domestic cars, is on the path of becoming world's best.

Hyundai Wia press is responding to various requests from its customers for not only automobile production line presses including 5,400t modular press, servo press, hot stamping line, progressive press but also specialized presses including pipe bending press, and bending presses for ship building.

Hyundai Wia lineup which restlessly operated domestically and globally to establish a new era of the domestic press industry is again taking the next step to become the world's best.

Sales Record to Magna – 8 countries, 52 presses



Hyundai WIA	Major Customer	Press Shop	Major Products	Quality System
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- Tandem Press Line**
- 4 countries
- 6 lines
- 28 presses



- Blanking Line**
- 1 country
- 1 line
- 1 press



- Transfer Line**
- 1 country
- 3 line
- 3 press



- Trial Press**
- 1 country
- 2 presses



- Progressive Line**
- 4 countries
- 8 lines
- 8 presses



- Hot Stamping Line**
- 5 countries
- 10 lines
- 10 presses



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Major Customer – 25 Countries, 35 Customers



Hyundai WIA

Major Customer

Press Shop

Major Products

Quality System



Section	Customer	Press Installed
General Motors	GM Australia	1600T , 2300T , 2400Ton Line, 2400T Trial
	GM Korea	2500T Trial, 2250T, 800T B/K Line
	GM Mexico	2250T Line(3Lines), 2250T Trial
	GM Thailand	1800T Line
	GM India	1800T Line
	GM Poland	1800T Line
	GM UZ	2250T Line, 1800T Line, 600T B/K Line
	GM Brazil	2250T Trial, 800T B/K Press
	GM USA	2250T Line(4 Lines), 2250T Trial
Magna	Russia	800T Line, 250T Mini Line, 630T B/K Line
	Mexico	800T Pro, 400T Pro(3Lines), 1000T Press(2sets), 1200T Hot Forming(2Lines), 800T Hot Forming 1000T T/F, 2000T T/F, 3000T Transfer Line
	USA	2000T Line, 1600T Line, 1200T Hot Forming Press (3 sets)
	Canada	1200T Hot Forming Press
	Brazil	630T Pro, 400T Pro
	China	800T Pro, 1000T Line, 1000T Trial, 2500T Trial
	India	1600T Line(2Lines), 800T Pro.(2Lines) 250T Mini Line (2 Lines)
	Korea	800T Hot Forming Press(2sets)
Hyundai Kia Motors	Kia Korea	2300T Line and Others (total 9Lines), 600T B/K Line (4Lines), 200T DSP(2sets)
	Kia Slovakia	600T B/K Line, 2400T Trial Line
	Hyundai Korea	2300T Line
	Hyundai India	5400T Modular Line
	Hyundai China	500T B/K Line
	Hyundai Turkey	2300T Line

