

# ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

June 2021

PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 58



UCIMU-SISTEMI PER PRODURRE



**Need Buyer Credit Finance to buy machine?**

We can help you!

please write to us – [italianmachinery@indiaitaly.com](mailto:italianmachinery@indiaitaly.com)

**DEMA. HIGH QUALITY INJECTION MOLDING.**

**"A CONTACTLESS MEASURING MACHINE WAS IDEAL FOR RUBBER"**

"Our employees aren't just numbers, and neither are our machines. Here, every machine has a name, even a nickname!"

Technology helps you avoid mistakes because you're not obliged to remember the intricate details of a given process. **Data from the previous operation is saved in the PLC or software's memory**, so all you need to do is **press a few buttons, making everything easy**.



**Injection molding** is like cooking.

If you rush a cake, it's either going to be undercooked or overcooked.

The same applies to rubber. The rubber is injected and then baked in the molding machine. So, it takes **patience, time** and the **right temperature**.

We produce about 40 million parts a year, with about 300 molding machines and consume about 50 tons of raw material".

"This is a part that we've been working on for a few years now. We had a dispute about size, and I didn't have the right instrument to measure the tight dimensions. So, I researched **contactless optical measuring instruments** and found just what we were looking for: [METRIOS](#).

The quality-price ratio was ideal, so I put my trust in the machine and bought it.

## WATCH THE VIDEO

This is a 40-shore platinum silicone, so if we measure it with **calipers**, you could flatten it too much or too little, and **end up with different measurements**.

Instead, **if I use Metrios**, I simply place the part on the bed and **any operator can pull up the program and carry out the measurement without the risk of mistakes**.

It has to look good too. Cleaning is important as are the mold fastening finishings.

It's subject to very delicate cryogenic finishing processes to prevent it from being damaged.

Having such a high-tech machine means that we can **configure it with Industry 4.0 regulations**, so it's **connected to our management system** and all the **statistics are imported** from the system and are accessible from any computer at any time.

9 pieces in 37 seconds, inspecting 1,2,3,4,5 dimensions.

**Metrios is a quality guarantee, and it gives us peace of mind because all the dimensions that we detect, we save and all that data can be shown to the customer if necessary.**

I think that **flexibility** is one of our strong points. All our processes are in-house, so there's no risk of delays or non-conforming materials.

We follow the entire process from start to finish".

## REQUEST A FREE DEMO

### METRIOS

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The project Piattaforma India has been promoted by UCIMU – Association of Italian Machine Tools Manufacturers and AMAPLAST – Italian Plastics and Rubber Processing Machinery and Moulds Manufacturers Association. The two associations agreed on the idea that promoting a network of associations and entrepreneurs who have developed knowledge and experience on the Indian market, can be useful in favoring of new paths of development for business. The Indian companies who are interested to form JV, cooperation, technical tie up, purchase machinery etc from/with Italian companies can contact below mentioned address for any assistance:

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