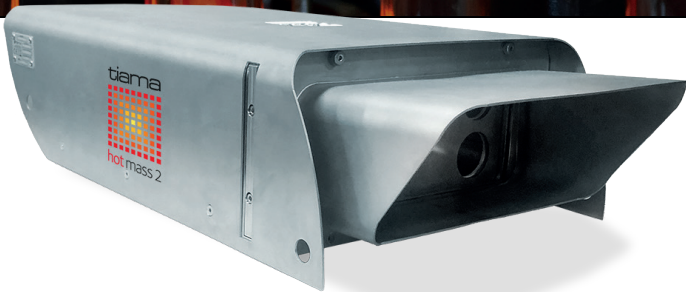


# Tiama HOT mass 2



Gob monitoring

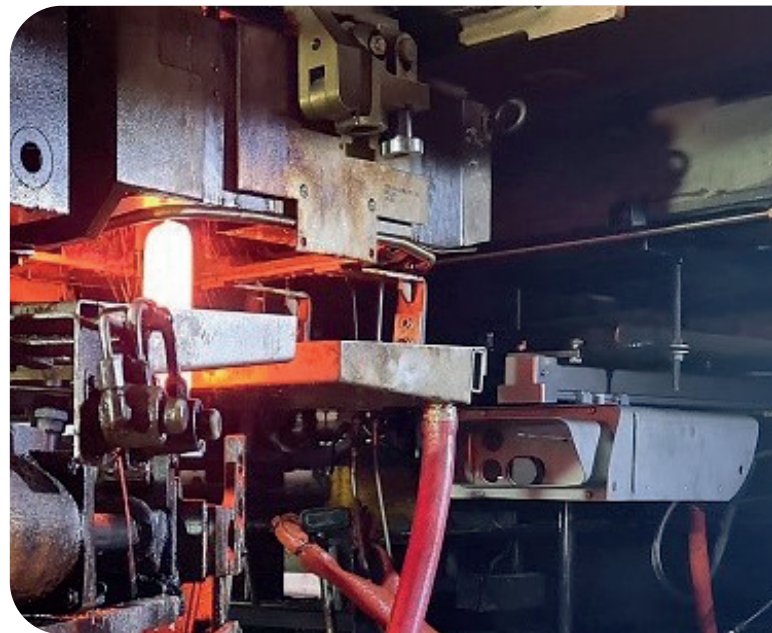


The Tiama HOT mass 2 is the new solution for gob monitoring. This innovative system leverages real-time 3D imaging to provide precise measurements, allowing for early process control and optimization.

## Features

- Gob weight control (optional): automatic control of gob weight with tube and needle adjustments
- Gob shape monitoring: 3D images of gobs, length, and diameter measurements of gobs
- Gob temperature measurements
- Gob falling angles monitoring
- Gob speed measurements
- Defects detection

## User interface



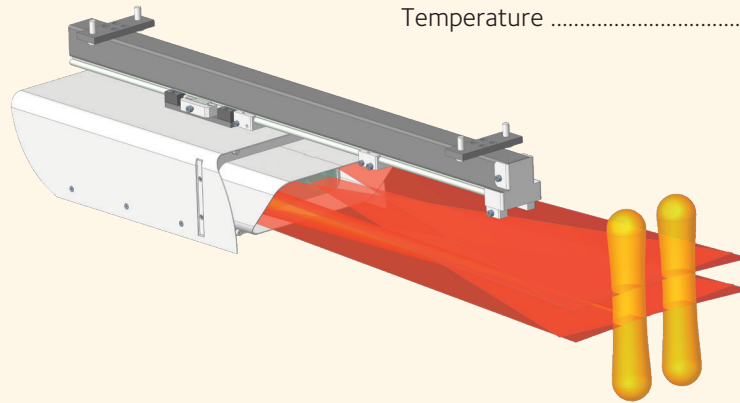
## Customers benefits

- **Stability** of container weight
- **Time saving for operators:** the gob weight is stabilized automatically. Operators can focus on tasks with higher added value
- **Increased safety** by providing alarms for gob shape and excessive swing
- **Improved job change time**
- **Maintenance anticipation:** the system can detect tails on gob shape which is an early indicator of shears burnout
- **Tiama Service:** benefit from our worldwide presence and our whole range of services

# Operating principle

The Tiama HOT mass 2 works with 2 pairs of line scan cameras integrated into a single "camera box" located just under the shears cut. The cameras take pictures of the gobs which are then analyzed by the system. This data is used to regulate the gob weight automatically by controlling the tube and the needles (option). All the data is displayed on a software interface for the user.

The system offers universal compatibility with all IS machines and glass processes. (Blow-Blow, Press-Blow, Narrow Neck Press and Blow).



# Installation requirements

## Tiama HOT systems electrical cabinet

(common to the whole Tiama HOT systems range)

Width .....	600mm
Depth .....	1 050mm
Height .....	1 400mm

## Tiama HOT mass 2

Cameras: the gob must be in free fall

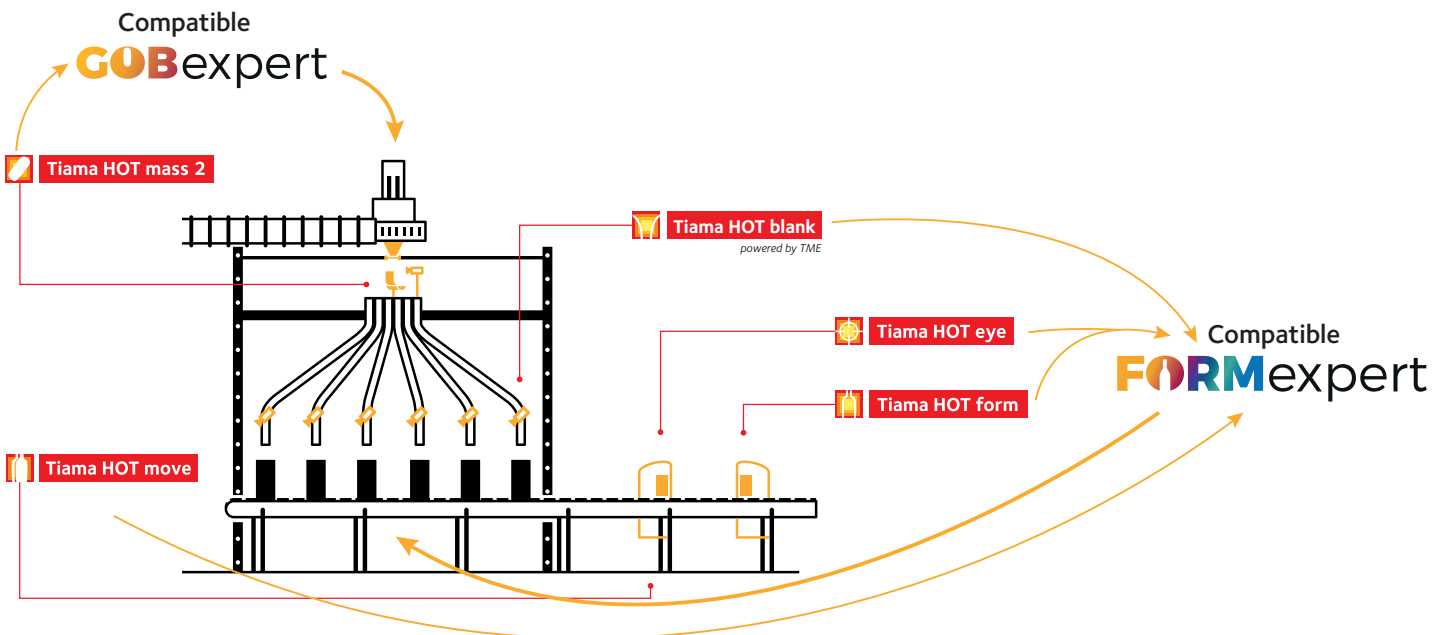
## Air requirements:

Pressure .....	4 bars
Temperature .....	<40°C



# the Smart Factory concept

The Tiama HOT mass 2 is a monitoring solution to help customers to improve the management of their process and to reach their quality level. The Tiama HOT mass 2 belongs to the Tiama HOT systems range, a complete set of modules which gives key information on the process from the gob to the formed articles. The Tiama HOT mass 2 is also part of the smart factory concept developed by Tiama, the system provides a full range of data which can be used in order to have a global overview of the plant, from the Hot End to the Cold End.



## Contact us

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