



COMPANY PRESENTATION

BBM SAFE KIT
PER THE QUICK DISCOVERY
OF MALFUNCTIONS ON THE LINE



THE BBM SAFE KIT PROJECT

BBM Service has designed and tested a procedure **to record and visualize in real-time** the mechanisms of the machines in operation, **to detect any production defects.**

The procedure is helpful for identifying problems related to machines that work at high speeds such as **fillers, blow molders, cappers, and labeling machines.**

Thanks to the BBM Safe KIT, it is possible to **examine the work phases at a slow speed** and quickly identify the origin of a malfunction.

The KIT is a great help, especially in cases where **the event is random and not cyclical.**

What is included in the BBM Safe KIT?



THE BBM SAFE KIT: WHAT'S IN IT



ACTION CAM

A professional, waterproof camera with front LCD screen and touch screen, 5K Ultra HD video, and stabilization



**CLAMP WITH
ADJUSTABLE NECK**

Compatible with any type of action camera and with **adjustable** neck. Can be attached to objects of varying sizes (from 0.6 cm to 5 cm in diameter)



**MAGNETIC
HOLDER**

Magnet, ideal for application on metal surfaces and with 360° rotatable tripod ball head mount



**TABLET
BBM**

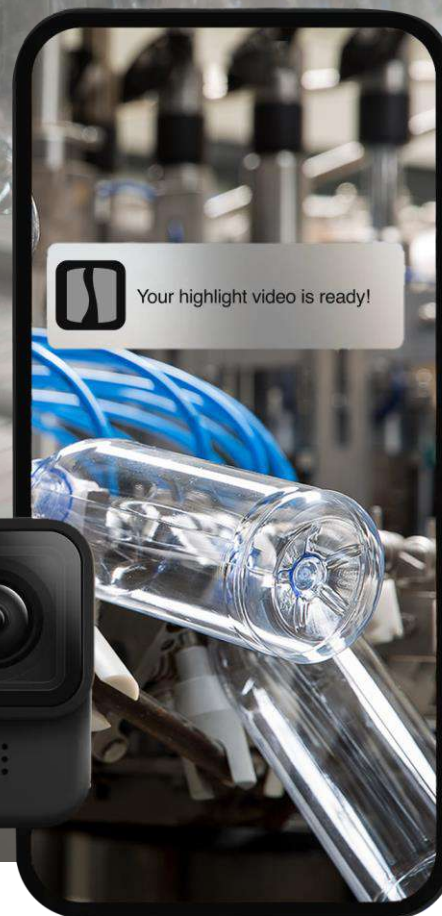
portable device with rechargeable battery, with 32 GB memory and with **APP for cam management correctly installed**

AN APP FOR REMOTE MANAGEMENT

**An official APP for video editing,
correctly installed on the BBM tablet.**

You can start filming from the comfort of your BBM tablet OUTSIDE the line. After taking the shots, you will see them appear **automatically on the APP**. For the first year after purchasing the Kit, the **subscription to the APP is included** - we will provide the credentials to enjoy all the services of the APP, such as slow-motion and saving videos.

And that's not all: for the first 12 months, BBM will be at your disposal **to help you remotely** in the setting of your BBM Safe Kit.

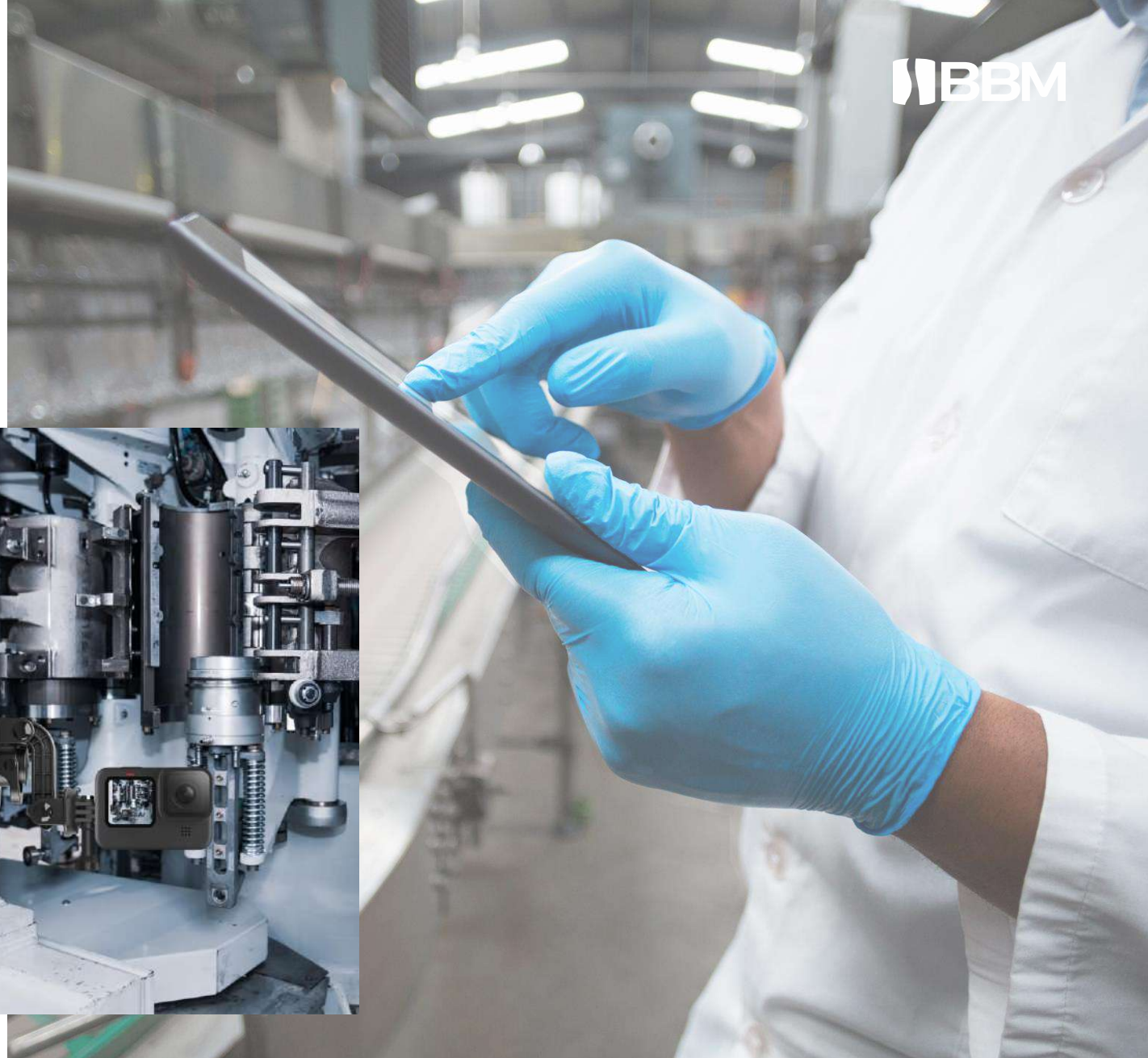


FINALLY, CHECK SAFELY

The BBM Safe KIT is installed inside the rotating machine with **the line off**, so as to ensure **total operator safety**.

The kit is perfect for avoiding **unpleasant situations** of operators trying to shoot line defects from **dangerous positions** with the machine **“open”**.

The camera is installed inside the machine and remains in operation even when the machine is closed, **instantly** and **automatically** transferring the recorded videos to the BBM tablet.





EASY
INSTALLATION

SUITABLE FOR
EVERY MACHINE
IN THE LINE



IMMEDIATE
TIME SAVING

LINE
SAFETY

THE PROS

The BBM Safe KIT will be **delivered directly to you** inside a comfortable backpack that can be easily transported.

The kit can be used on any machine in the line, thanks to its portability and flexibility. The camera is ideal for filming operations for several hours.

The kit will prove to be an essential tool to **SAFELY** identify the source of machine problems, allowing operators to **save time and energy** for an immediate restart of the line.

As always, **BBM is by your side** to find the solution that best suits your needs.

OUR PRACTICAL TEST

GOAL: To pinpoint the root cause of a cap getting stuck beneath a capping head, leading to a reverse insertion.

The cap would cyclically get stuck under the cone, causing cork scraps and giving out bottles without caps, crooked caps, and ruined bottles.

After **safely** installing the KIT inside the machine and starting the recording, we had already identified the heads that were causing the problem, but we were unable to capture the exact moment when the cap rotated (whether during descent, cap gripping, transferring, or screwing).

Thanks to the BBM Safe KIT, we realized that the cap was slipping due to the worn cones. So, we replaced the cones, saving the time we would have spent checking the remaining parts.

[Watch the video](#)



Editing the video took 5 minutes. Since the work environment is not particularly bright, we have changed the contrast and brightness of the image from the APP. The final video can be exported via the phone/tablet - like a common video. With the Pro account of the APP, you can also take advantage of the "mural" function, which allows you to directly upload videos to a cloud storage space.

For more information on the BBM Safe KIT,
please contact our sales department
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THANK YOU.

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