See more
with Hawkeye

Camera based systems

Change the way you do things

As we know spreaders better than anyone else, we saw an opportunity which got us thinking. An opportunity to develop an affordable, durable robust system, that could make every container movement in your operations safer and more efficient, which is just what we have done with Bromma Hawkeye.

Hawkeye is a cost-effective camera-based system mounted on your Bromma spreader that will change the way you do things. It allows you to identify every container's ID, inspect the container roof for any damage it may have incurred, detect risks related to twin container lifts and can provide a LiveView in your operators' cabin of every container being handled.

Flexible and modular

Bromma Hawkeye is a game changing flexible and modular system that can be designed with you to meet your exact requirements. There is a choice of options that will all make handling your containers safer and more efficient.

Hawkeye OCR
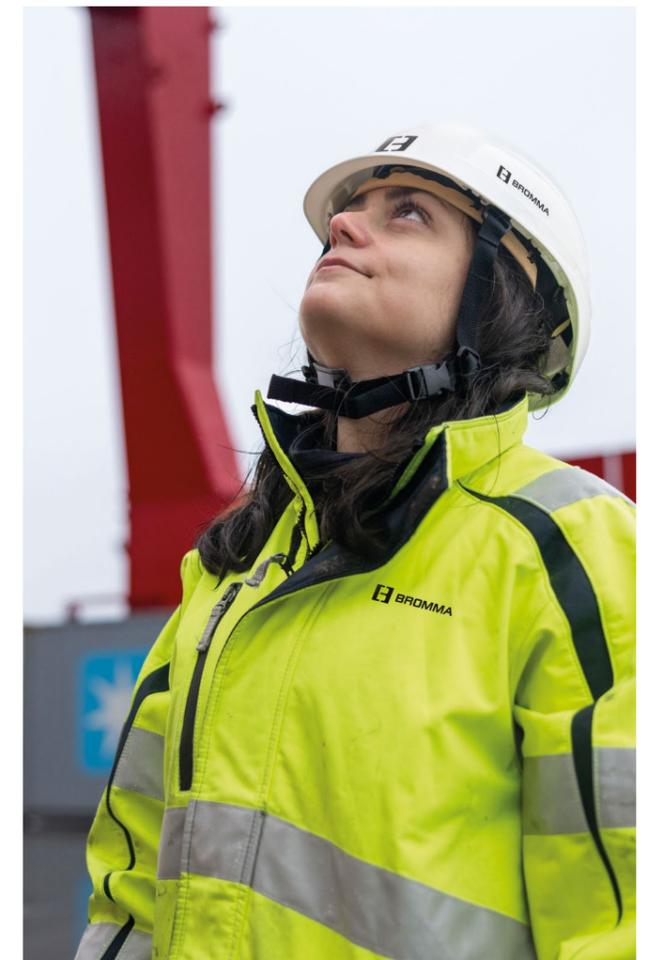Identifies and captures each container's unique ID and prepares for integration.

Hawkeye LiveView
Provides a real-time view of what happens below the spreader, including containers being handled.

Hawkeye Inspect*
Records the condition of every container roof for damage before and after it has been handled.

Hawkeye TTDS*
Automatically alerts your operators to any risks related to twin 20ft container lifts.

*Currently in development.

Capture every container ID with Hawkeye OCR

Hawkeye OCR automatically identifies and captures each container's unique ID through cameras mounted on your spreader, so you have a precise record of every container being handled. By eliminating the need to manually capture every container ID by your team you will know the information captured automatically will be accurate and correct, dramatically reducing the chance of containers being misplaced and lost, saving you time and money.
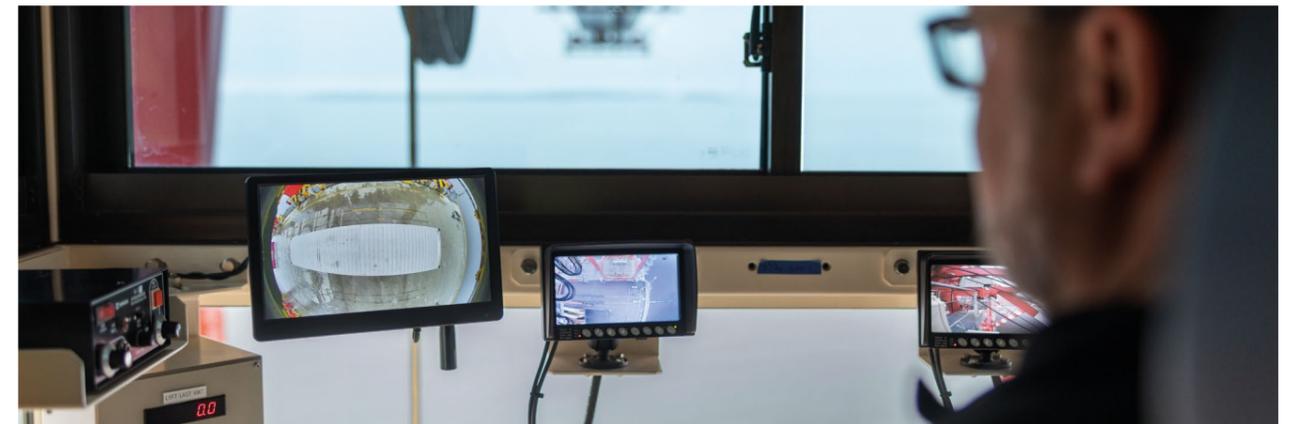

A cost-effective solution

Traditional OCR crane mounted scanners can be costly to install. By using advanced camera technology mounted on your spreaders you can capture critical information acurately at a fraction of the cost.

Integrate your data

You can also integrate the captured container ID with your operational data, allowing for a seamless integration with your TOS or other systems. Further streamlining your operational processes.

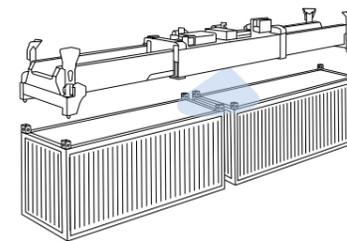# Enhance your operator's view with Hawkeye LiveView

Hawkeye LiveView enhances your operator's ability to handle containers safely with a real-time unobscured view of the container, and what is happening under the spreader. Being able to see things clearly in all types of conditions will allow your operator to avoid any costly accidents or incidents.

This is a scalable modular option with up to four cameras mounted in different positions that can be tailored to meet your needs. Here are a few options for you:
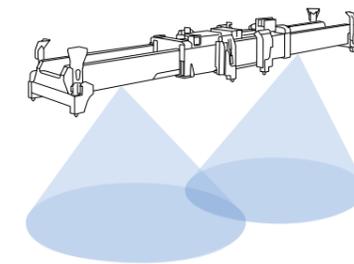
Want To Know If You Are Lifting Two Twenty Foot Containers?
With one camera mounted centrally your operator will get a clear view of any containers being handled by your spreader.
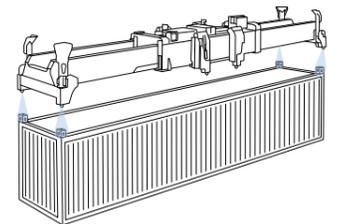
Want To Be Able To See Beneath Your Spreader?
With two cameras mounted on the spreaders frame, one of each side your operator will get a clear view of what is going on below the spreader.

Want Better Visibility To Land The Container Correctly?
With a camera mounted on each of the corners of the spreader your operator can get a close-up view of the container's corner castings.

Want something else?
Then speak to us about how we can tailor a system that suits your needs.

Hawkeye Inspect*

Hawkeye Inspect automatically captures high resolution images of the roof of your container, giving you a record of the container's condition before and after it has been handled.

These images are then stored in a cloud repository for easy access, should they need to be reviewed at a later date to validate the condition of the container roof before and after handling to support the insurance claim process.

A Seamless Process
As container images are taken during the normal handling process there are no disruptions to this process required to record any damage to the container roof. The images captured are date and time stamped and registered to the spreader that handled them. If combined with Hawkeye OCR the container ID will also be captured. These images are then searchable and downloadable via a web application that is integrated with the Bromma Spreader Monitoring System.

Hawkeye TTDS*

Hawkeye TTDS automatically detects and then alerts your operators to any twin lift situations, allowing them to take immediate action to avoid any damage to containers or serious accidents.

Maintaining A Safe Container Flow.
Eliminating the risk of accidental twin lifts removes any downtime that may be caused, reducing the need for corrective action and avoiding costly damage to containers or equipment. Ensuring a safe smooth workflow when handling containers.
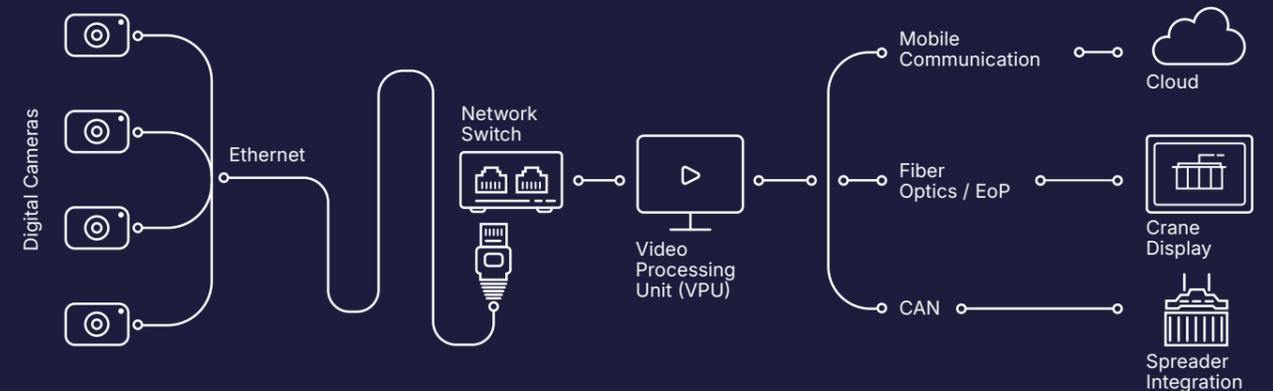
By combining AI and advanced camera-based technology Hawkeye TTDS ensures reliable detection of accidental twin lifts, warning your operator of potential unplanned twin container lifts, prompting then to take corrective action immediately.

*Currently in development.

Hawkeye is built for the future

The Hawkeye software system has been developed so it can offer a range of options off the one platform and can easily adapt to new technologies in the future. This has been achieved by separating the hardware from the Hawkeye software system and by using known technologies and industry standards allowing it to grow and adapt with new features and options in the future.

BROMMA