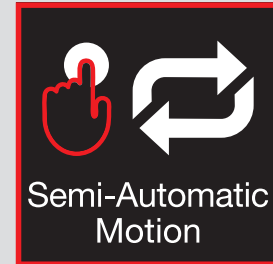


SAM – SEMI-AUTOMATIC MOTION

INTELLIGENCE TO BOOST SAFETY AND PRODUCTIVITY IN WASTE COLLECTION

From tight, crowded streets to today's modern, advanced load handling equipment, urban waste collection is no easy task. Getting the job done smoothly, safely and efficiently can be a major challenge for even the most skilful operators – let alone those who are less experienced.



SAM in brief

- Intelligent steering for collection of underground waste containers
- Combines greater control with improved ease of use
- An ideal solution for entry-level operators
- Added safety for your equipment and the surroundings
- Faster operation for higher productivity – and higher profits

That's why Hiab has developed Semi-Automatic Motion – SAM. SAM is pioneering load handling intelligence engineered to meet the needs of trucks that specialise in collecting waste from large, underground containers. And it's only available on HIAB cranes.

SAM makes it easier for operators of any skill level to steer the crane, for day-to-day operation that's significantly safer as well as more productive. With SAM, the crane always moves in a predefined path, which saves time and effort for the operator while minimizing the potential for damage to your equipment or the surrounding environment.

For the most part, a single control lever is all your operators need to manage the job from start to finish, including the complete folding and unfolding of the crane. That means that each stop goes faster than before, keeping your fleet moving on to the next job in record time.

What does this all mean for your bottom line? It's quite simple. Reduced risk translates to less money spent on repairs, while faster operation translates to more jobs done per day.

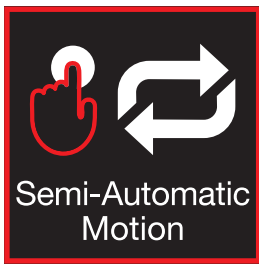
In other words, lower costs and higher revenues. Isn't that what business intelligence is all about?

See the reverse side for more information ►

HOW DOES SAM WORK?

SAM brings together two of the existing features in Hiab's market-leading HiPro control system into one smart solution for the urban waste collection industry.

Crane Tip Control (CTC) simplifies steering by allowing motions that used to require three separate, simultaneous operations to be performed with just one lever. Similarly, Semi-Automatic Folding (SAF) enables the operator to use one lever for folding and unfolding, rather than individually steering swing, tilt, lift and extension movements.



SAM combines the advantages of CTC and SAF with new innovations for added efficiency and protection. For example, in addition to a memorized trajectory for the underground containers that protects your equipment, the system also prevents waste from being unloaded outside of a defined "safety zone."



Underground container can only be opened within the safety zone, as illustrated here.

The overall ease of use with SAM, combined with the pre-programmed path of movement for the crane, also means that operators must no longer dedicate 100% of their concentration to steering the equipment alone. They can therefore be more aware of their busy urban surroundings, ensuring an added level of safety with regard to passing vehicles and pedestrians as well as other elements of the crowded city environment.

