

Falcon 75 Automated Cone Laying Machine (ACLM)

The Falcon 75 Automated Cone Laying Machine (ACLM) brings our award-winning automated cone laying technology to local and rural roads with a smaller, more agile vehicle packed with all the functionality of the larger model.

Designed to protect road workers from the dangers of conventional cone laying, the Falcon 75 ACLM automates the process to reduce the need for workers to be in the carriageway or on the rear of the vehicle. Mounted on the back of a 2300mm wide flatbed truck chassis, it can deploy up to 7 cones/minute and collect up to 6 cones/minute with reliable, repeatable accuracy.

The machine is powered by a 48 VDC/180 Ah battery, which enables approximately 600 cone cycles on a single charge.

Vehicle capacity

1. Falcon 75S (up to 240 cones)
2. Falcon 75M (up to 384 cones)
3. Falcon 75L (up to 480 cones)



SCAN ME

The Falcon 75 ACLM leverages the proven technology of the Falcon 100 ACLM, providing the following safety and operational benefits:

- ✔ Ideal for local and rural roads for use with 750mm, 5kg cones
- ✔ Various modes for different traffic management settings, including pre-set modes for medium and narrow lanes
- ✔ Enables greater accuracy, speed and consistency of cone laying
- ✔ Rapid cone deployment up to 7 cones/minute
- ✔ Supports tapering activities
- ✔ Cone laying is controlled and monitored from the cab, enabling operatives to work in a place of safety, removing them from the rear of the vehicle and live traffic during cone laying operations
- ✔ The vehicle is small enough to operate on narrower roads that are less straight or come with height restrictions and require a smaller vehicle to suit the needs of the operation
- ✔ Eliminating boots on the ground from cone laying operations significantly reduces risk for road workers, while also limiting distractions and hazards for road users.
- ✔ Reduces the risks associated with operatives breathing in fumes due to close proximity to both traffic and the vehicle's own emissions during cone laying
- ✔ Prevents worker exposure to musculoskeletal injury from repetitive bending, reaching, twisting and lifting of cones
- ✔ Avoids the need for operatives to work outdoors in harsh weather conditions
- ✔ Demonstrates a best practice approach to operative health, safety and wellbeing