

FALCON ACLM

The FALCON ACLM machine is a premium solution for fully automated road cone handling, featuring several unique characteristics:

EASY TO USE

Operable through the touchscreen control panel.

RESILIENT

Machine design suitable for use in all weather conditions (except snow).

RELIABLE

Developed and tested since 2014 with the experience of over 150,000 cones deployed and collected across hundreds of kilometers of lanes.

FAST

The FALCON surpasses most competing systems in terms of speed.

SAFE

Minimal exposure of the machine structure to real-time traffic. Zero exposure of moving parts to traffic under tension.

FLEXIBLE

Various modes allow use in different traffic management settings.

MODULAR

Available in three sizes (S/M/L) to meet all site requirements.

SWISS QUALITY

Designed, developed, and manufactured in Switzerland.



FALCON IS OUR *THIRD-GENERATION CONE LAYING MACHINE*. WITH ALMOST 10 YEARS OF EXPERIENCE WITH AUTOMATED CONE LAYING SYSTEMS, WE HAVE RAISED THE LEVEL OF PERFORMANCE AND RELIABILITY.





DISTANCE BETWEEN CONES

Can be freely set by the operator within a range of 3-100 m.

TAPERING FUNCTION

Automatic tapering function from left to right and vice versa. Number of cones and spacing according to local regulations.

TOUCH SCREEN

Easy to use for remote control and display with camera system.

THE PROCESS IS MONITORED BY 4 VIDEO CAMERAS.

The machine operates with a 48 VDC/180Ah battery on board. This is sufficient for a cycle of approximately 750 cones. External charger: 230 VAC, 16 A.

Battery support for charging from the vehicle's engine upon request.

Cones can be placed and collected along the entire rear of the vehicle, including the outer side on each side. This is to fully cover a lane width of 3,500 mm. Preset modes are available for work on medium and narrow lanes.

Remote access functionality through the GSM network for training, check-ups, data logging, and troubleshooting.

Signaling:

- Two orange lights on both sides of the machine.
- Arrow signs or similar can be installed on the rear of the machine according to customer requirements.

Operating Modes:

- Continuous placement of cones in a line at a predefined distance while driving forward.
- Continuous collection of cones in a line while driving in reverse.
- Placement and collection of a single cone at a user-defined position (e.g., for marking work start/end zones).
- Taper modes.

