



FALCON 100L ACLM AUTOMATIC CONE LAYING MACHINE

Developed and manufactured in Switzerland by Senn Engineering, and distributed exclusively throughout Australia by A1 Roadlines, FALCON ACLM Automated Cone Laying Machines help to eliminate manual handling of cones on high traffic roads.

Specifically designed for use with 1000mm Traffic Cones with Reflective sleeves, the FALCON 100L ACLM's massive 432-cone capacity enables cones to be deployed and collected along even the largest projects without the need for any operators at the rear of the vehicle.

As well as eliminating the need for any workers to be exposed to the risks of nearby live lanes of traffic, the FALCON ACLM 100L's design also minimises exposure of the machine structure to live traffic, with zero exposure of moving parts to live traffic lanes.

Winner of both the **HIGHWAYS Product of the Year Award 2021** and the **National Highways Industry Award for 'Exceptional contribution to safety research and innovation' 2023**, the FALCON 100L ACLM sets a new benchmark in efficiency, placing cones in a variety of formations at a rate of 7.5 cones per minute, and collecting them at a rate of 6.5 cones per minute.



Suitable for use day or night, and in all weather conditions (except snow), the FALCON 100L ACLM is a premium solution for fully automated traffic cone handling, and offers a range of benefits:

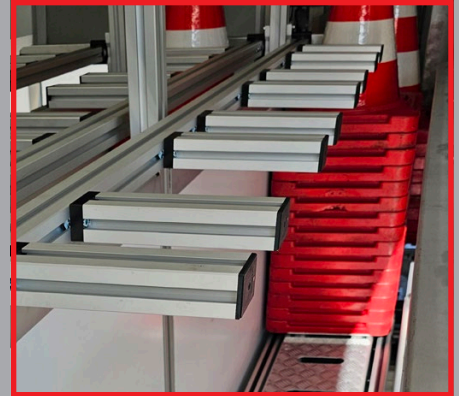
- **EASY-TO-USE:** Simple, intuitive operation, via the unit's in-cabin touch-screen control panel
- **HIGH CAPACITY:** 432 x 1000mm cone capacity
- **FAST:** FALCON 100L delivers outstanding performance and productivity, with deployment of 7.5 cones per minute and a collection rate of 6.5 cones per minute.
- **SAFE:** Minimal exposure of the machine structure to live traffic & zero exposure of moving parts to live traffic
- **FLEXIBLE:** Various modes allow for use in different traffic management settings
- **ROBUST:** Built to last, the FALCON 100L ACLM is designed to withstand harsh Australian operating conditions
- **PROVEN RELIABILITY:** Developed and tested since 2014, FALCON ACLM machines have deployed and collected well over 300,000+ cones across thousands of kilometres of lane closures around the world
- **QUALITY:** Designed, developed, and manufactured in Switzerland, the FALCON ACLM delivers outstanding quality, performance and reliability.

THE EQUIPMENT YOU NEED – THE SERVICE YOU EXPECT

Installed into a Flat Tray Tautliner body, mounted on an IVECO Eurocargo ML160 E6 Day Cab Chassis with Aerokit, the FALCON 100L ACLM is supplied as ready-to-use turnkey unit.

Features:

- 432 cone capacity
- In-cabin touch screen control
- Kohltech Camera System & Mobile Digital Recorder
- UHF CB Radio
- Type B Flashing Arrow Sign
- Colour Variable Message Sign
- Left Turn Speak Alarm
- Front Blind Spot Mirror
- Hand Brake Alarm
- Battery Master Switch w/ Lock-Out - Truck & Auxiliary Battery (1)
- Auxiliary Batteries



CONE DATA

Cone Height	1000mm
Cone Base	550x550mm
Cone Weight	Approx. 7.5kg

VEHICLE SPECIFICATIONS

Cab Chassis	IVECO Eurocargo ML160 E6 Day Cab Chassis
Model	ML160E28E6/P212
Transmission	9 Speed Automatic
Power	280 HP
Fuel Capacity	280 Litres
AdBlue	30 Litres
Wheelbase	5,670 mm
Suspension	Semi-Elliptic Leaf
GVM	16,000kg
TARE	15,000kg
Body	Flat Tray & Tautliner

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