

FRIKE-FALCON



ACLM 75/255 Model S

Art no.: 116-1G300

Maximum traffic safety

All cone processing is carried out entirely behind the vehicle, with no components extending beyond the vehicle profile. The machine operates smoothly and consistently, without abrupt or erratic movements.

Workplace safety

Due to the fully automated operation, no manual handling outside the vehicle is required.



Characteristics

Safe

- No exposed or moving components extend beyond the vehicle profile
- No manual handling required outside the vehicle
- LED headlights ensure safe operation at night

Fast

- Up to 15-20% faster than comparable fully automated systems

Efficient

- Fully automated operation from within the vehicle cabin, requiring only a single operator

Flexible

- Laterally adjustable working position (approx. $\pm 1,300$ mm from the vehicle center)
- Compatible with flexible installation on the loading platform of light-duty trucks
- Floating placement mechanism ensures stable and smooth operation on uneven road surfaces and across varying vehicle body heights

Easy

- Process monitoring via four cameras and intuitive touch panel control

In use worldwide

- The only approved machine in Great Britain to pass the official entry duration test

Videos:



Technical Data

Height:	2'521mm from bridge height
Installation height:	900mm - 1'300mm (flexible)
Dimension (LxW):	Installation area min. 3'700mm x 2'000mm
Machine weight without traffic cones:	2'200kg
Machine weight with traffic cones:	3'460kg
Carrier vehicle weight:	min. 7t
Power supply type:	Battery-powered (autonomous), with optional alternator support
Operating voltage:	48VDC
Nominal capacity:	190Ah
Connector type:	Standard plug
Charging voltage:	230VAC
Operating time:	Approx. 900 traffic cone cycles 450 traffic cones placed 450 traffic cones picked up
Drive:	Integrated hydraulic unit
Color:	RAL color of your choice
Capacity:	255 traffic cones
Assembly:	Various mounting options: Fixed installation, platform, flatbed, sliding frame, hook-lift device, etc.
Traffic cone height:	750mm
Speed working position:	Traffic cone spacing [m] / 2 = km/h e.g., 36m / 2 = 18km/h
Placement:	8 traffic cones per minute
Pickup:	7 traffic cones per minute
Remote control:	12.1" Touchscreen Including 4 monitoring cameras
Work modes:	Place & pick up, Diagonal (lane removal) & zig-zag
Distance:	Adjustable automatically 3m - 100m or manual activation
Regulations:	CE marking
Remote access:	GSM-based remote access



References



Kanton Zürich
Baudirektion
Tiefbauamt



Tiefbauamt
des Kantons
Bern



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