

# 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: 2'070kg  
Machine weight with traffic cones: 3'498kg  
Carrier vehicle weight: min. 7t

Power supply type: Battery-powered (autonomous),  
with optional alternator support  
Operating voltage: 48VDC  
Nominal capacity: 200Ah  
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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