

EX SERIES

600 / 750 / 1000 / 1200
Electric Cassette Steps



ELECTRIC STEPS - EX

EX600 • 750 • 1000 • 1200 CASSETTE STEPS

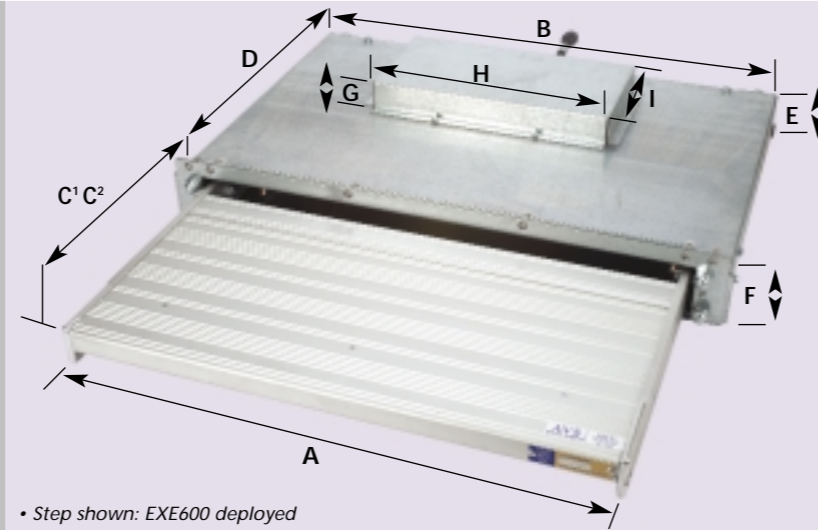
EXE Steps - Dimensions & Weights

Designed to fit most minibuses and other passenger carrying vehicles including:

- > Citroen Relay
- > Ford Transit
- > Mercedes Sprinter
- > Renault Master
- > VW Crafter
- > Nissan Interstar
- > Freightliner
- > Power Doors
- > Fiat Ducato
- > Peugeot Boxer
- > LDV Convoy
- > Vauxhall Movano
- > Iveco Daily
- > Mercedes Vario
- > Dodge Sprinter
- > Sliding & Hinged Doors

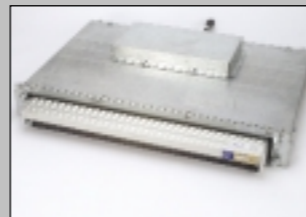
If your vehicle is not listed above please contact us – we have an extensive range of steps and fitting kits to suit most requirements.

Note:	Product Code:
Variations	EXE 600/750/1000/1200
Tread Width	A: 600/750/1000/1200mm
Cassette Width	B: 690/840/1090/1290mm
Weight	26/29/32/35 Kg



Dimensions (mm)							
C1	C2	D	E	F	G	H	I
60	300	470	65	98	40	330	170

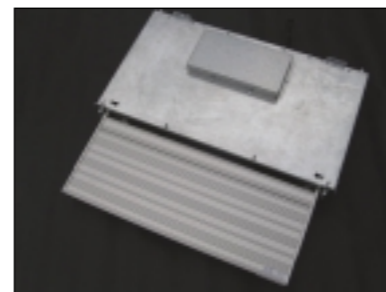
C1 = Tread depth stowed • C2 = Tread depth deployed
25mm = 1 inch (approx) • 1Kg = 2.2lbs (approx)



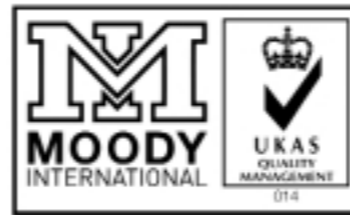
EXE600 stowed

Other steps from AVS include:

- SL Series – Slim Cassette Steps
- T Series – Compact Cassette Steps
- LX Series – Out and Down Steps
- K Series – Basic Cassette Steps
- D Series – Double Fold-Out Steps



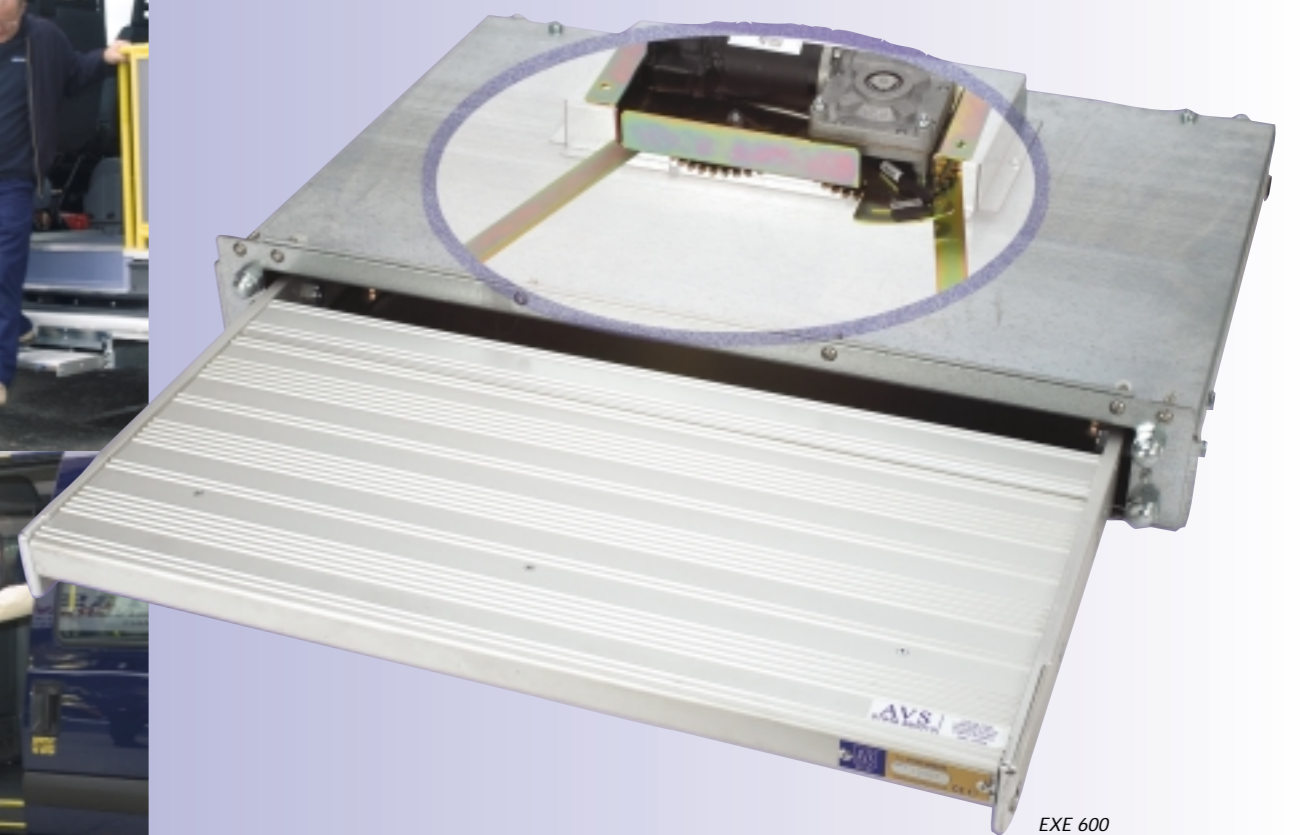
EXE 750 deployed



ISO 9001:2000 Registered
Certificate No. 1064

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EXE 600

“The EX works as hard as you do – just press the button for reliability every time.”



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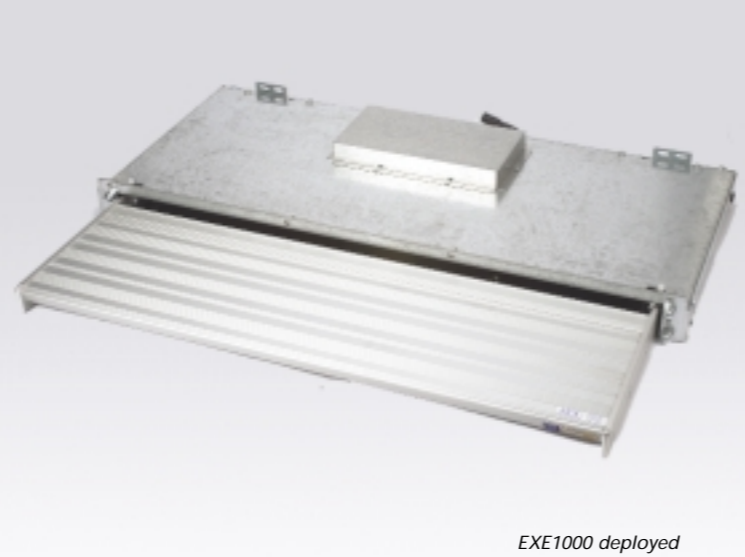


The new EX series of electric steps has taken two years of extensive development – it's designed simply to be the best cassette step ever.

Testing greatly exceeds typical usage and the powerful twin arm motor unit has exceeded over a million cycles in rigorous tests. Designed to meet the exceedingly high standards of AVS customers such as Mercedes-Benz who fit AVS steps as standard.

The new EX series is based on 15 years of experience designing steps for vehicles around the world. We have designed the EX Series to improve access on:

- > Accessible Vehicles & Minibuses
- > Taxis
- > Mobility Vehicles
- > Utility Vehicles
- > Ambulances
- > Sliding, hinged and power operated doors



Outstanding features include:

- > Tested to equivalent of 20+ years of use
- > Heavy duty high powered motor
- > Twin arms with smooth reliable action
- > Non moving parts on micro-switches
- > Full range of popular widths available
- > Ideal for hundreds of applications
- > 2 year warranty standard – 3rd year available as an option

For more information please contact us on:
+44 (0)1948 880010 or by email on
sales@avssteps.co.uk

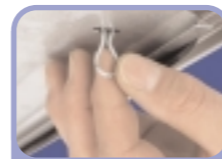
Or visit our website: www.avssteps.co.uk



> Multi position mounting points to sides, front and back



> The EX automatically clears away any dirt ingress as it stows



> Emergency stow pin



> Detail of motor unit. IP67, EMC tested, cycle tested to 1 million operations



> Rubber strip keeps road dirt at bay sealing against the cassette edge as it closes



> The AVS twin arm motor unit – ready for any conditions



> Magnetic position switches set in adjustable plates

“The EX is the most powerful and reliable electric step of its kind in the world”



AVS EXE ELECTRIC CASSETTE STEP

DESCRIPTION

Electrically operated slide in, slide out cassette step providing safe access to passenger vehicles by halving entrance step heights.

Quiet, powerful, smooth easy action.

Operated by the driver/attendant or automatically on the door (See options).

Closes automatically when door closes for safety.

Step will stop if it encounters an object (See special options).

Motor fitted with thermal cut-out protection.

Rubber buffers for “soft-landing” at end of travel.

Magnetic reed switches control stow and deploy.

Step platform is 300mm / 12” deep.

2mm Galvanised steel case.

Weather proof protection strip at front of step cassette.

Self cleaning side arm action.

Emergency stow facility and retention.

Aluminium tread assembly.

Stainless steel runners with nylon rollers.

12V electric motor.

Twin arm drive delivering evenly spread force to the step tread.

Service every 6 months by accredited service agents available throughout the UK.

To maintain: clean and lubricate with silicone spray at least every 30 days or as required.

Wiring loom consists of loom to dash from control box, loom to step from control box (body loom), control box with waterproof plugs to step. Dash mounted switch, bezel and red flashing warning light. Zero battery drain when stowed.

TECHNICAL

Voltage:	12V.
Current:	Approx. 8-10 amps maximum during deploy and stow.
Deploy time:	3 seconds.
Stow time:	3 seconds.
Tread depth:	300mm / 12”.
Deploy reach:	250mm / 10”.
Tested to:	500Kg / 1100lbs.
SWL:	250Kg / 550lbs.

CERTIFICATION AVAILABLE

Cycle test to 1 million cycles against constant resistance and load application.

Dirt Ingress Test.

Dirt Compaction Test.

EMC Test Certificate No. e11 30 4232.

Stall test 10 hours.

ISO 9001 : 2000 Registered

Complies with directives:

- 2001/85/EC Bus and Coach Directive
- 95/54/EC Radio Interference Suppression
- 98/37/EC Machinery Directive
- 74/483 External Projections
- Designed to meet SVA Standards
- CE Marked

INSTALLATION

Easily mounts to the vehicle sill or step box section support at front and to chassis member at rear.

Full fitting instructions and wiring plans – on line assistance if required.

Fitting kit available for all popular vehicles.

Universal fitting kits.

Unique serial number making all AVS steps fully traceable.

Individual service pack and maintenance record.



Fitting kits designed to fit each vehicle model

WARRANTY

2 year on-site warranty support subject to conditions and completion of service record by accredited service agents. 3rd year option.

TYPICAL USES

- > Sliding side door and cab hinged doors.
- > Power doors and plug doors.
- > Minibuses, Taxis.
- > Ambulances, Accessible vehicles.
- > Utility vehicles.
- > School buses.

OPTIONS

> Fully automatic operation – simply swap the control box and switch to change to a fully automatic operation on the door. This is a no cost option when ordered with the step.

> 3rd year warranty support cover subject to conditions. Must be purchased at time of step purchase or registration on delivery.

SPECIAL OPTIONS

> Touch sensitive edge - stops power to motor on encountering any obstruction. Driver re-sets by releasing or re-pressing switch.

> Illuminated front edge – lights up step when deployed and vehicle lights are on.



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