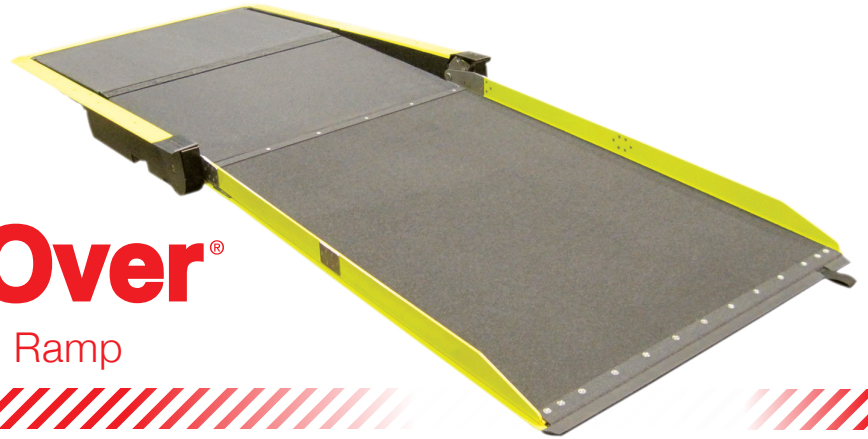




Delivering
performance
proven solutions
for buses

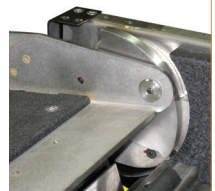


Ricon FoldOver®

Self-Adjusting Low-Floor Bus Ramp

The Ricon FoldOver SSR low-floor bus ramp adjusts automatically to varied bus stop curb and sidewalk heights to provide convenient access by passengers using wheelchairs and walkers, shopping carts or strollers. SSR model ramps feature a unique electric drive assembly, with a patented regenerative braking system, for stable platform speed during deployment and stow with power or manual operation.

Patented Ricon cam-based design automatically adjusts platform to single continuous slope for easiest possible access regardless of sidewalk height.



- Reliable and easy to operate
- Rugged stainless-steel construction
- Low maintenance delivers exceptional value
- Meets or exceeds all ADA, CSA and D409 requirements

SSR self-adjusting ramp
for all low-floor buses



- + Least-possible continuous 1:6 single slope
- + Automatically adjusts to sidewalk heights
- + Unique patented cam-based design
- + Solid-state fully electric drive system
- + Rated 1,000 lbs. load capacity
- + For all low-floor buses
- + Made in U.S.A.

Ready to Show



Ready to Quote



Ready to Produce

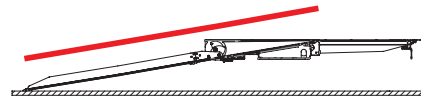
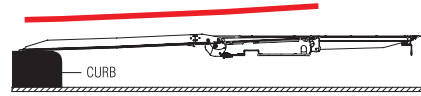


In Production

Ricon FoldOver® SSR Single Slope 1:6 Low-Floor Bus Ramp

Features:

- Automatically adjusts to bus stop curb heights for least possible, continuous slope and easiest passenger access.
- Unique ramp platform design provides high flexural rigidity while low torsional stiffness helps edge alignment with uneven curb or road surfaces.
- Brushless DC Motor for quiet, reliable operation.
- Effortless manual deploy.
- Encapsulated nosing prevents debris intrusion.
- Water-resistant controls with stainless steel enclosure and drive chain for years of service in extreme environments.
- Two-year limited warranty. Extended warranty available.
- For all low-floor buses.



CONTINUOUS SINGLE SLOPE

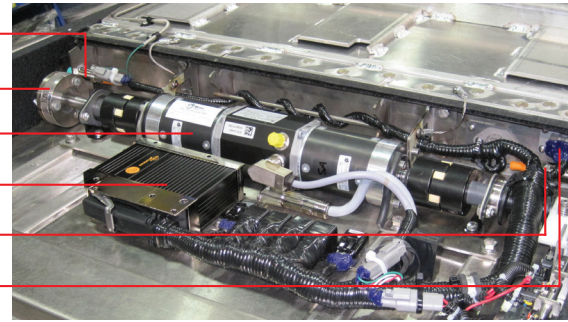
PROXIMITY SENSOR

ADJUSTMENT
COUPLER

DRIVE SYSTEM

MOTOR
CONTROLLER

PROXIMITY SENSOR

INTERLOCK
INTERFACE

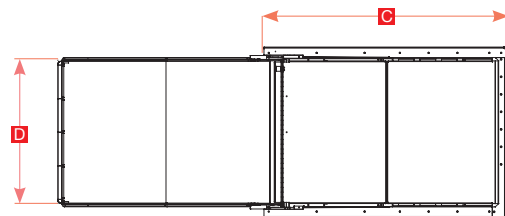
Specifications

Drive System:	Electro-Mechanical
Prime Mover:	24VDC Brushless Permanent Magnet Electric Motor
Power Requirements	
Voltage:	24VDC
Stand-By Current:	600mA
Operating Current:	5A
Rated Load Capacity:	Up to 1,000 lbs. / 453kg
Ramp Weight:	210 lbs. / 95kg
Cycle Times:	12 seconds
Operating Temperatures:	-20°F to 120°F

MADE IN THE U.S.A.

Inches/Millimeters

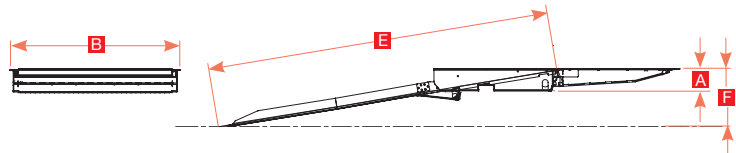
MODEL	A	B	C	D	E	F
	Ramp Frame Height	Ramp Trim Width	Ramp Trim Length	Usable Platform Width	Effective Ramp Length	Floor-to-Ground Travel
SSR-0	4.5/114	35.6/904	51.4/1306	30.0/762	71.9/1826	12.0/305
SSR-1	4.5/114	35.5/903	47.4/1204	30.0/762	68.0/1727	11.1/281



NOTE: Ramp may be configured to meet specific requirements.

NOTE * The effective ramp length takes into account the allowable vertical transitions. Actual length will be slightly shorter.

NOTE ** In applications where the vertical height exceeds the specified amount, the length of the unit must be increased to maintain the 1:6, rise over run relationship.



**For more information, contact your local
Wabtec Bus Solutions representative.**

Wabtec Bus Solutions

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Email: WabtecBusSolutions@wabtec.com

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