



# MOVE IT!

## Cabin Systems Solutions



- mcX™ Premium Cabin Control System
- iMotion 2.5™ Premium Seat Actuation Systems
- Hydrolok® Seat Recline Systems
- Mechlok® Seat Recline Systems
- Control Cables

Crane Aerospace & Electronics is the global leader in positioning technology for aircraft seating and other aircraft cabin applications.

With its P.L. Porter brand, Crane pioneered the Hydrolok®, the first hydraulic aircraft seat recline device, in 1947. Since then, Crane has continued to provide innovative solutions with new position control technologies, including the Mechlok®, a linear mechanical actuator, various mechanical and hydraulic controls, and sophisticated software-controlled seat actuation and comfort control systems, such as the iMotion 2.5 and mcX systems for first and business class seating.

Take a look at the motion control products described on the back of this flyer, then let us help you configure the ideal cabin solution for your application. Give us a call, email us or check out our web site at [www.craneae.com](http://www.craneae.com).

### Count on the Crane Aerospace & Electronics team

Crane Aerospace & Electronics companies are known for their technical strength, proven product reliability, innovative solutions and overall value. Each company is ISO certified and committed to operational excellence and world-class processes. From application engineering, through design and manufacturing, Crane Aerospace & Electronics offers a comprehensive approach to product specification, design certification and service. So, whether you're looking for a standard or a custom-designed cabin solution, Crane Aerospace & Electronics has the proven experience to deliver what you need.

You can also count on Crane Aerospace & Electronics for in-service support. The worldwide extensive product support program is backed by a high caliber staff accustomed to the needs of the airline industry.

It's all part of the added value you can expect when you bring together an experienced team.



### Product Lines

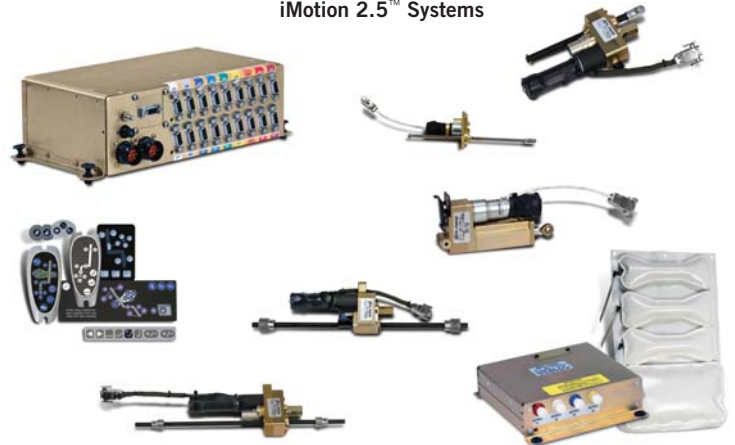
**mcX™ Premium Cabin Control System:** Crane's all-new next generation premium modular control system offers maximum flexibility to seat manufacturers, lower cost of ownership to airlines, and a new level of seating comfort to enhance the passenger experience. The revolutionary, patent-pending modular system architecture helps to reduce overall system hardware and system wiring complexity. The system is easily scalable and customizable, and provides enhanced diagnostic capabilities. Passengers will experience smooth and simultaneous seat motion, reduced system noise, and a variety of luxury features offered by new add-on modules.

mcX Premium Cabin Control System



**iMotion 2.5™ Premium Seat Actuation Systems:** Crane's software-controlled motion system allows for simultaneous coordinated operation of single, double or triple seats and passenger accessories. The system offers a full range of actuators and lumbar options. With 40% extra power for the accessories, *iMotion 2.5™* can be ideally configured to suit your passenger seat application and, with 70% improved actuator speed range, *iMotion 2.5™* offers the smoothest seat translation ever. *iMotion 2.5™* is designed with one-touch calibration as an option.

iMotion 2.5™ Systems



After installation, you can rest assured with the patented 'safety zone' collision avoidance feature and user-adjustable jam protection settings. Built-in test and diagnostics further simplifies service requirements. The system complies with B787, A380 and A350 requirements, along with all existing platforms.

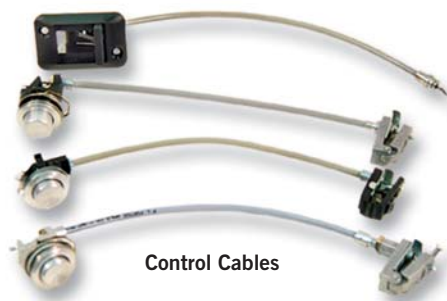
**Hydrolok® Seat Recline System:** Hydrolok® offers time-tested maximum reliability and service life, with rigid locking not found in other seat recline systems.

Hydrolok® and Mechlok® systems



**Mechlok® Seat Recline System:** Mechlok® is ideal for installations where low initial cost and maximum reliability are especially important. The system provides maintenance-free lifetime use under severe applications.

**Control Cables:** Crane industry-standard release cables are used for seat recline and other passenger seat features. With over 50 years in service, Crane cables offer proven reliability. Custom designs are available.



Control Cables



Crane Aerospace & Electronics [www.craneae.com](http://www.craneae.com)

ELDEC • Hydro-Aire • Interpoint • Lear Romec • Merrimac • P.L. Porter • Signal Technology

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