

Cabin Systems



- **mcX™ Premium Seat Motion Control Systems**
- **iMotion™ Premium Seat Motion Control Systems**
- **Hydrolok® Seat Recline Systems**
- **Mechlok® Seat Recline Systems**
- **Control Cables**

The Cabin Advantage

Crane Aerospace & Electronics is a global leader in positioning and control technology for aircraft seating and other cabin applications. Our smart systems control seat functions as well as auxiliary systems like lighting, temperature, and in-seat entertainment, and can also provide real-time system and module diagnostics and prognostics.

Since the 1947 debut of the Hydrolok, the first hydraulic aircraft seat recline device, Crane's P.L. Porter brand has continued to deliver reliable seat control products. Today's devices include advanced, lightweight Hydroloks, heavy-duty Mechlok mechanical actuators, software-driven iMotion seat controls, and the sophisticated mcX powered seat actuation system. Crane is also the world leader in control cables, providing extremely flexible, durable cables for every configuration.

Count on Crane Aerospace & Electronics

The Cabin Systems team is backed by the technical expertise and world-class design and manufacturing processes of Crane Aerospace & Electronics. Our technical strength, product reliability, innovative solutions, and commitment to lean manufacturing bring The Crane Advantage to our customers. All Crane Aerospace & Electronics products are ISO9001 and AS9100 certified to deliver quality you can count on. Whether you're looking for an off-the-shelf Hydrolok or custom-designed premium seat actuation system, Crane has the proven experience to deliver what you need.

You can also count on Crane Aerospace & Electronics for in-service support. We are committed to providing value through the life of the program with a product support organization to serve the needs of our customers worldwide.

Partner with Crane, your trusted market leader in demanding commercial aerospace, defense, and space markets. For more information or to request a quote, contact us at www.craneae.com.



Product Lines

mcX™ Premium Seat Motion Control Systems: The mcX system offers maximum flexibility to seat manufacturers, lower cost of ownership to airlines, and an enhanced experience to passengers. Crane’s patented “smart unit” modular architecture reduces complexity with easily customized individual modules, plus enhanced diagnostic capabilities to solve problems before they start. Passengers enjoy smooth and simultaneous seat motion, reduced system noise, and seamless integration with auxiliary systems.



iMotion™ Premium Seat Motion Control Systems: This software-controlled system delivers simultaneous operation of single, double or triple seats and passenger accessories with a full range of actuators and lumbar options. High-performance actuators provide smooth seat movement, while increased accessory power gives operators flexible configuration options. Passengers can rest easy with a patented ‘safety zone’ collision avoidance feature and user-adjustable jam protection settings.



Hydrolok® Seat Recline System: The durable Hydrolok offers maximum reliability and service life to reduce repair costs. It combines flexible adjustment capability with rigid locking not found in other seat recline systems for a quality system that requires virtually no maintenance.



Mechlok® Seat Recline System: The Mechlok is ideal for high-volume applications that need maximum reliability for low initial cost, such as mass transit vehicles. The system stands up to the toughest usage conditions with minimal maintenance to deliver significant cost savings over the product life cycle.



Control Cables: For over 50 years, Crane’s release cables have been the industry standard for reclining and other passenger seat features. Certified compliant with FAA flammability standards, our control cables are trusted in virtually all aircraft seats in service today.



Let us help you configure the ideal cabin solution for your application. Contact us today!



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