



LANDING
SYSTEMS



CRANE

AEROSPACE &
ELECTRONICS

LANDING SYSTEMS

SHORTER STOPPING | HIGH PERFORMANCE | INTEGRATED FUNCTIONALITY

Crane Aerospace & Electronics brings electronic, and hydraulic components and subsystems for landing gear together to provide rapid development and certification solutions that add value and offer superior performance you can count on. Supported by our heritage brands Hydro-Aire and ELDEC, we supply custom-engineered brake control systems for both hydraulic and electric brakes including reliable hydraulic components, proximity sensor based landing gear indication systems and control systems, and nose wheel electronic controls.

PRODUCT CAPABILITIES

- Brake Control
- Hydraulic or Electric Brake Systems
- Landing Gear Control
- Tire Pressure & Brake Temperature Monitoring
- Nose Wheel Steering Electronic Control

MARKETS SERVED



COMMERCIAL
AVIATION



DEFENSE

HERITAGE BRANDS

Hydro-Aire

ELDEC



PRODUCT LINES

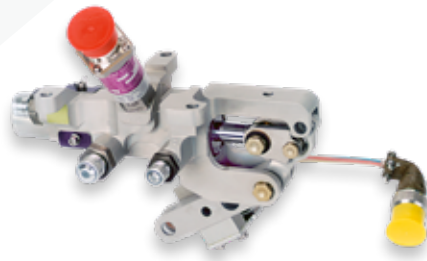
BRAKE CONTROL SYSTEMS (BCS)



Integrated anti-skid and auto-brake functionality make Crane's brake control systems the industry standard for performance and reliability. Solutions are available from conventional anti-skid systems to fully integrated brake-by-wire solutions.

Crane's brake control systems can be integrated with **SmartStem**[®] Tire Pressure Indication Systems and Brake Temperature Monitoring functionality. These systems are available for all wheel configurations and aircraft types – large commercial, regional, business jet, and military. System architectures can include either Federated, Integrated, or Distributed electronics and may be configured with either hydraulic or electric brakes. In addition, packaging options include ruggedized electronics which can be installed outside of the pressure vessel, permitting system architectures that are optimized to save weight and reduce space.

BRAKE CONTROL HYDRAULICS



Crane's complete line of hydraulic control valves, servo controls, and integrated manifolds are known throughout the industry for high performance and reliability.

WIRELESS TIRE PRESSURE MONITORING SYSTEMS



Crane tire pressure indication systems feature **SmartStem** wireless Tire Pressure Sensors, which communicate tire pressure and temperature directly to the cockpit or can be used with special ground support equipment (GSE). This technology can be fully integrated within the brake control system or used as a stand-alone tire pressure management system. Crane tire pressure indication systems are the highest-reliability industry standard.

LANDING GEAR INDICATION AND CONTROL SYSTEMS



Crane has been the leading supplier of proximity sensor based landing gear indication and control systems for more than 50 years. These systems use signals from our inductive proximity sensors which monitor the position of the landing gear and associated doors in order to annunciate landing gear position as well as control the extension and retraction sequence. These systems can also include nose wheel steering electronic control, or hydraulic control, for a fully integrated system.

COUNT ON CRANE AEROSPACE & ELECTRONICS

Crane Aerospace & Electronics delivers mission-critical and innovative components, systems, and services for commercial aircraft, defense, and space markets. Products and services are organized into six integrated solutions: Cabin Systems, Electrical Power Solutions, Fluid Management, Landing Systems, Microwave Solutions, and Sensing Components & Systems.

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.





INNOVATIVE | TRUSTED | COLLABORATIVE

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