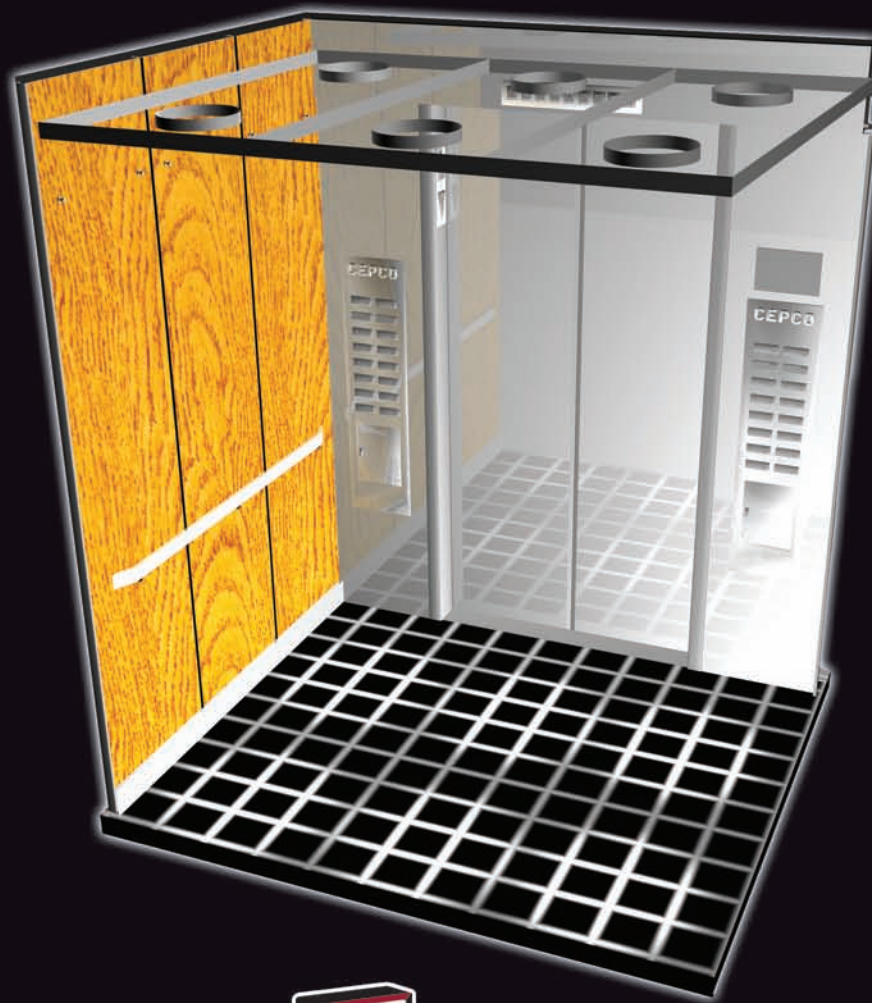


# COMMERCIAL CABS

## QUALITY, SPEED, SAFETY

Columbia Elevator is the industry's premier source for elevator cabs, no matter what the application, budget level, turnaround need or site-difficulty. Columbia continuously invests in state-of-the-art equipment to deliver consistent quality, accuracy, speed (shorter lead times) and dollar savings to its customers.

A Columbia exclusive, every cab that you receive from us is subject to a rigorous in-plant inspection by Underwriters Laboratories (UL) and certified to be in full compliance with the ANSI-A17.1, Elevator & Escalator Safety Code (Section 2.14). Whether the cab is manufactured using a steel shell, wood core or steel shell with hanging panels, the building owner can rest assured that the product will bear a UL label certifying code compliance. There is no other way to assure yourself, or inspecting authorities, that, once installed, your elevators cabs are actually built to Section 2.14 specifications.



**COLUMBIA ELEVATOR PRODUCTS Co., INC.**  
THE LEADING EDGE IN CABS & ENTRANCES

1-877-COL-ELEV • [www.columbia-elevator.com](http://www.columbia-elevator.com)

# SELECTION & SOLUTIONS

Columbia Elevator's commercial passenger cab line offers the independent contractor / design professional an extraordinary selection of cabs and an unlimited variety of aesthetic features for use in office complexes, apartment buildings, hospitals, etc.

For an interactive demonstration of design options, go to: [www.Columbia-Elevator.com/DesignACab](http://www.Columbia-Elevator.com/DesignACab)

All Columbia cabs are made using CNC (Computer Numerically Controlled) machinery, including wood core cabs that are made using a six-axis table router. Cabs are first computer-modeled in 3-D, fully to scale – in essence "virtually manufactured" – via our proprietary CAD (Computer Assisted Design) system for preliminary review of design and quality. Upon final engineering approval, all CAD data is transferred to our CAM (Computer Assisted Manufacturing) system for generation of code used to operate the numerically controlled machinery

## WOOD CORE COMMERCIAL PASSENGER CABS

Precision-built wood core (fire retardant particleboard) elevator cabs are preassembled at the plant to assure quick and easy assembly in the field. Wood core cabs may be designed and assembled with an unlimited selection of plastic-laminates, luxuriant hardwood veneers, metallics and applied moldings.

This style represents the classic, traditional aesthetic in elevator cab design; it is ideal in climate-controlled, new-construction environments and applications where the climate is not unduly moist. For moist-environment installations, where a wood aesthetic is preferred but impractical, Columbia offers the LamiCan™ solution.

## STEEL SHELL COMMERCIAL PASSENGER CABS

Columbia's all-steel cabs are available with durable, baked enamel in unlimited colors and finishes. All varieties of Columbia steel shell cabs (with walls made of zinc-coated, cold rolled steel, or stainless steel, if required) feature our patented InstaFast™ assembly for the fastest and easiest assembly in the industry.

For customers desiring the appearance of a traditional wood core cab or a textured metal finish, but also requiring the functionality and performance offered by a steel car, we offer our proprietary LamiCan™ models.

For customers desiring maximized future efficiency in making style changes and repairs, our XCHANGACAB technology provides steel shell cabs with hanging panels that can be removed and easily replaced.





## **INSTAFast™**

**INSTA-FAST™ is Columbia's patented technology for INSTANTly FASTening elevator cab components without the need for bolts. This is accomplished by bending a male joint into the end of one elevator wall (or ceiling) panel and a female joint into the adjacent panel, instantly engaging them without additional fasteners. The joints themselves secure the panels together, much FASTER than the traditional, century-old process of assembling a cab with bolts. With no bolting required, the field mechanic no longer needs to dangerously reach around the back of a wall, but, rather, can safely install each panel from the inside of the cab.**

**Columbia's exclusive InstaFast™ panels are light enough to be handled easily by one person and brought through existing openings. This is especially beneficial during renovations, where it is often impossible to install a traditional large wood panel without opening or demolishing the corridor wall.**

**For a 6-step visual Installation Guide, go to: [www.Columbia-Elevator.com/InstaFast](http://www.Columbia-Elevator.com/InstaFast)**

**NOTE: Also see the Entrances section regarding Quik-Ent™ – Columbia's exclusive technology for building elevator Entrances with similar savings in time and money.**

## **LAMICAN™**

**LamiCan™ is Columbia's term for its LAMInated CAN ("Can" is the elevator industry's "nickname" for steel shell cars.) Plastic laminates, wood veneers or metallic skins are applied directly to the steel wall panels, unprecedented in the elevator industry until Columbia incorporated a stainless steel feature strip into the InstaFast joint, securing the edge of the laminates to the wall panels.**

**Columbia's exclusive LamiCan product features all the lightweight portability of the traditional steel cab, and, with its InstaFast joining system, is very safe, simple and quick to install. It offers all the aesthetic benefits of a wood core cab (wood box), or hybrid hanging panel type cab, without the extra cost or weight. This product delivers a revolutionary competitive advantage, primarily in the modernization market, but – because of savings in budget, installation time and cab weight – also in the new construction arena. Finally, since the cabs weigh less, the contractor can often buy a lighter-duty pump and/or lower horse-powered motor, producing yet additional elevator system savings unrelated to the architectural components provided by Columbia.**

**For further information, go to: [www.Columbia-Elevator.com/LamiCan](http://www.Columbia-Elevator.com/LamiCan)**

# SELECTION & SOLUTIONS

## XCHANGACAB

The XCHANGACAB product is comprised of a steel shell hung with one of two types of decorative panels: Applied Panels, which are affixed to the steel shell via concealed clips/buttons/or screws, or, Removable Panels, which, similar to an aluminum picture frame, are secured to the steel shell via a fully visible metal spline. Panels are available finished with an unlimited selection of plastic laminates, hardwood veneers or metallic skins, and can be trimmed with a variety of edges and/or applied moldings. As with other steel shell cabs, hanging panel models may be assembled using InstaFast™.

Despite its heavier weight, longer installation time and greater initial installation cost, this product offers genuine long-term benefits. Since the hanging panels can be removed and so simply replaced, these cars are easier to modernize (as styles change) or to repair (as damage occurs) in the future. For example, if any of the panels become damaged, vandalized or grow out of style, they can be removed and replaced or repaired off-site, allowing the steel shell to remain behind (and the car to remain in service) until the new or repaired panels are installed.

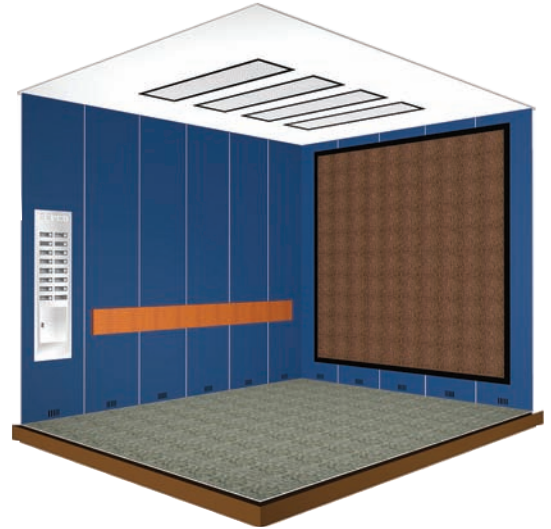


## SPECIALTY APPLICATIONS

In addition to commercial passenger cabs, Columbia offers an outstanding line of steel shell freight and Limited Use/Limited Application (LU/LA) cabs for commercial, institutional and residential installations.

### FREIGHT

Columbia's freight cab line is tailor-made for the rugged/high impact environment of material handling. It features 14 gauge zinc coated wall and ceiling panels, designed to accept enamel or clad finishes of various decorative and durable materials. Vertical wall and ceiling panels are designed for easy removal and replacement when damaged. Freight cabs are fabricated to the same strict UL manufacturing procedures followed in the construction of our passenger cabs.



### LU/LA

Columbia's LU/LA line was developed expressly to address today's post-ADA (Americans with Disabilities Act) environment: a product bridging the gap in applications where accessibility is an issue and code compliance conflicts with tight space requirements. These ADA-compliant cabs follow the same strict, in-plant UL inspected fabrication and labeling procedures as Columbia's commercial passenger and freight cabs, but have been designed with the additional considerations of the tight space/light weight criteria of the accessibility marketplace.

