



PHENIXTM
Construction Technologies

YOUR ERROR FREE DESIGN & STEEL SOLUTION



■ On Schedule

■ Design Integrity

■ Single-Source Steel Solution

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PRODUCTS AND SERVICES

Pre-Engineered Metal Buildings (PEMB or PEB)

Every building system from Phenix is custom designed and detailed to your unique specifications, with every physical load and environmental impact taken into consideration. We design and detail every building using 3-D building information modeling (BIM) technology, which guarantees detailing accuracy prior to fabrication. Phenix then flows the details through an automated system to fabricate to the most exacting standards. This leads to a perfect jobsite fit. We specialize in buildings sizes from 25,000 to over 1 million square feet. Our PEMBs are commonly used in industries like distribution and logistics, manufacturing, aviation, commercial and retail, energy, automotive, sports, religion, education and industrial.

Steel Fabrication

Conventional steel buildings are projects that have been designed with specific steel member sizes and shapes by an independent engineer. Utilizing the latest CAD and 3-D BIM programs, we can detail the most complex section combinations. We keep a large stock of the most common hot-rolled sizes, thicknesses and shapes, including, flat plate, I-beam, pipe, rectangular, square tube, rod and angle. Our facilities carry global and AISC accreditations and execute buildings from 50 to over 5000 tons. You can trust that our attention to detail ensures your building shows up right the first time. Common sectors that use conventional steel include high-rise buildings, tilt-wall, office buildings, retail centers, heavy industrial, petrochemical and energy, as well as stairs, mezzanines, guardrails and handrails.

Procurement

There is an almost unlimited selection of exterior products and accessories available through our online marketplace. Phenix is a procurement specialist. We are continually striving to build strong, trusting relationships with our vendors in an ever-growing global supply chain. We work with you and suppliers to ensure the details of each product we provide will be compatible with the systems we create. Choosing Phenix as your one-source solution we will guide you throughout the entire product life cycle. Phenix can buy out almost anything you specify, including insulation, personnel and roll-up doors, roof and wall sheeting, insulated metal panels (IMP), vents, louvers, stairs, snow-guards, joists, anchor bolts and decking.

Detailing Services

For those with local fabrication sources, Phenix's 91 experienced detailers and engineers with mastery in 2-D, 3-D and BIM modeling software (Tekla, STAAD, MBS and AutoCAD) will design and/or detail per your shop's standards so you can control your own schedule and material pricing.

The Phenix Way

We will provide you our best solutions optimizing the design, detailing, fabrication, procurement and erection processes for the best total savings on your building system.

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DELIVERING SIMPLICITY

For over 60 years, Phenix Construction Technologies has been committed to delivering high-quality design, detail and fabrication of pre-engineered metal buildings, light to heavy complex steel structures and related procurement services. The company's mission is to provide customers with innovative, future-ready steel construction solutions through its operations, expertise and excellence.

Phenix has consistently supplied error-free buildings to its clients and contractors with a focus on next-gen technology to visualize and detail buildings to perfection. The company's numerous accredited quality assurance programs guarantee its customers a precise fit for installations on even the most complex jobsites.

Phenix today stands as the largest exporter of pre-engineered metal buildings and steel structures from India. With export order sizes ranging from 50-8,000 metric tons, Phenix has executed projects in more than 20 countries from Asia to America.

Phenix's dedicated staff — over 800 professionals, 91 certified engineers and a total workforce of over 2,500 employees — believes in the company's vision of being a knowledge leader in the steel construction industry through its product and service offerings.



PRE-ENGINEERED METAL BUILDINGS: Each project Phenix works on is custom-designed and detailed to unique specifications and considers every physical load and environmental impact. The company's buildings are fabricated to the most exacting standards, leading to an error-free product that will stand the test of time.

STEEL FABRICATION: In cases where independent engineers have designed the steel structure, the clients can select from any variety of hot-rolled sizes, thicknesses and shapes, including I-beam, pipe, rectangular, square, rod and angle. The company manufactures to global and American standards by using computer-aided automation, meaning its customers can be confident the delivered project will be right the first time.

PROCUREMENT: Phenix is a procurement specialist. The company establishes strong relationships with new and existing vendors in the ever-growing global supply chain, working with customers and vendors to ensure the details of each product Phenix buys will fit the system it creates. Phenix is prepared to walk clients through the entire lifecycle of the products it supplies for their buildings, whether or not Phenix was the manufacturer.

DESIGN AND DETAILING SERVICES: Phenix's staff of detailers uses 2-D, 3-D and building information modeling (BIM) software to create connection details from the simplest to the most complex structural designs for fabrication and erection.

Phenix is a trusted name in total envelope solutions for pre-engineered and structural steel projects, synonymous with precision solutions, systems thinking and execution excellence. The company is a division of M&B Group, a six-decade-old infrastructure giant with an annual turnover exceeding \$112 million.

With an experienced team of professionals, a deep understanding of on-the-ground complexities, multidomain knowledge complemented by state-of-the-art manufacturing proficiency and an innate passion for perfection, Phenix is adept at delivering on complex specifications with ease. The company is ready to start building new, binding relationships with companies in the North and South American markets.

Phenix is perhaps best encapsulated by its mission of "decoding complexity to deliver simplicity." Every building detail, connection and related product is entered into a 3-D BIM model that alerts Phenix's expert team of any conflicts or design errors. Those details are then fabricated to precise specifications and automated to exacting standards. It truly is all in the details.



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CREATION SIMPLIFIED



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Versatile experience in executing complex projects with effortless ease. Powered by highly advanced European and North American equipment, Phenix is trusted across industries to meet the global need of delivering design, manufacturing & procurement services of next-gen Pre-Engineered Buildings (PEBs) and conventional steel structures. One of the largest exporters of steel construction projects globally.

Phenix takes pride in its diversified project portfolio spanning key industries from manufacturing, automotive, industrial, energy, warehouse and logistics.



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