



LIGHT GAUGE STEEL FRAMING

PREMIUM STUDS AND TRACKS FOR CONSTRUCTION



FREE MEASURE. FREE ESTIMATE. FREE DESIGN.

Steel Frame Fabrication in Houston, TX

www.dskasteel.com

WHO WE ARE

DSKA Steel is a light gauge steel frame manufacturing company located in Houston, Texas. Our team has over a decade of experience and has successfully completed over 250 projects.

We specialize in providing the best solutions for commercial and residential construction using state-of-the-art light gauge steel frame technology.

Our customers and partners trust and rely on us for the full construction process, from start to finish. You can confidently turn to us for any step of your construction project.

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DESIGN



MANUFACTURING



CONSTRUCTION





WHAT WE DESIGN

STRUCTURAL DESIGN AND ARCHITECTURAL VISUALIZATION

We provide the best way to kickstart a construction project by using Vertex Building Design, a professional Building Information Modeling software that enables faster completion of projects and minimizes errors in production.

Our skilled architects and engineers can help you create a unique design that perfectly matches your construction vision. Our services include structural and architectural design, collaboration, framing and detailing, documentation, and engineering solutions.

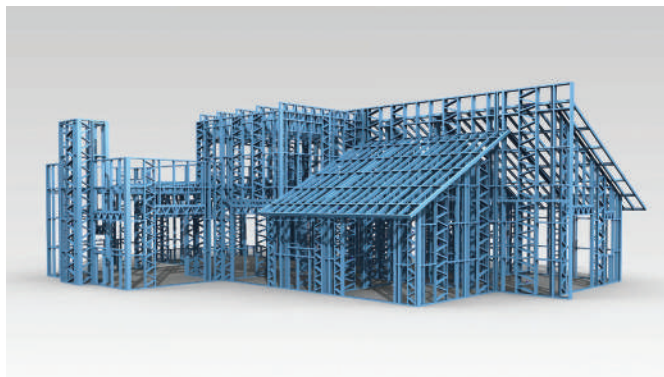
We also use Archicad, Autocad, and Tekla software for design and engineering.

Automated BIM Software for Steel Framing

By using Vertex BD, you can also prevent on-site errors and confusion. The software creates clear, concise documents and provides a balance of speed, accuracy, and control in the work process. Vertex BD is a powerful tool to help you finish your projects quickly and accurately.

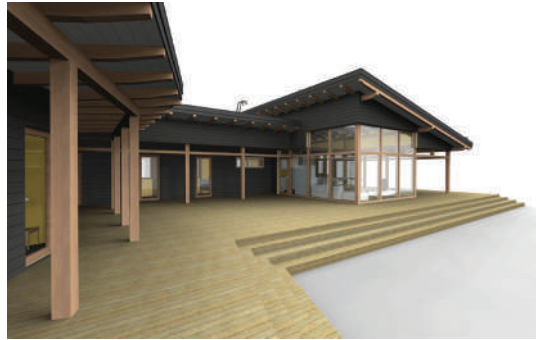
STRUCTURAL STEEL DESIGN

Vertex BD is a BIM software that streamlines project design and production processes for cold-formed steel framing. It automates tedious tasks and generates accurate drawings, layouts, and reports, all from the BIM model, allowing for faster completion of projects and reduced errors in manufacturing.



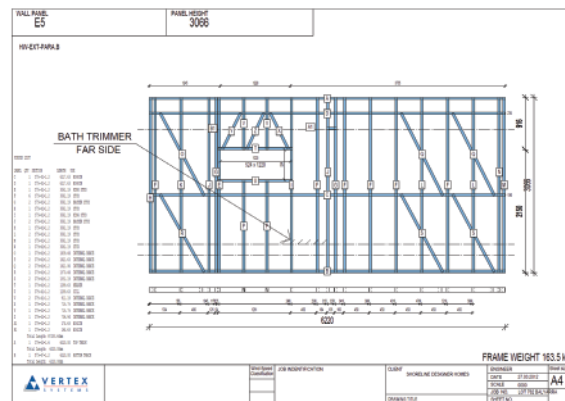
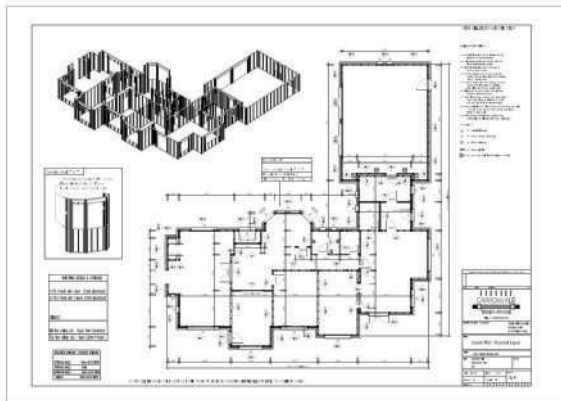
ARCHITECTURAL DESIGN

The software also allows to create accurate and beautiful architectural drawings, panel fabrication drawings and other relevant documents streamlining the design process.



DOCUMENTATION

Our software generates reports, 3D models, 2D drawings, cut lists and assembly drawings for on-site construction. Customizable report templates such as bill of materials, window and door schedules, cut lists, and more.





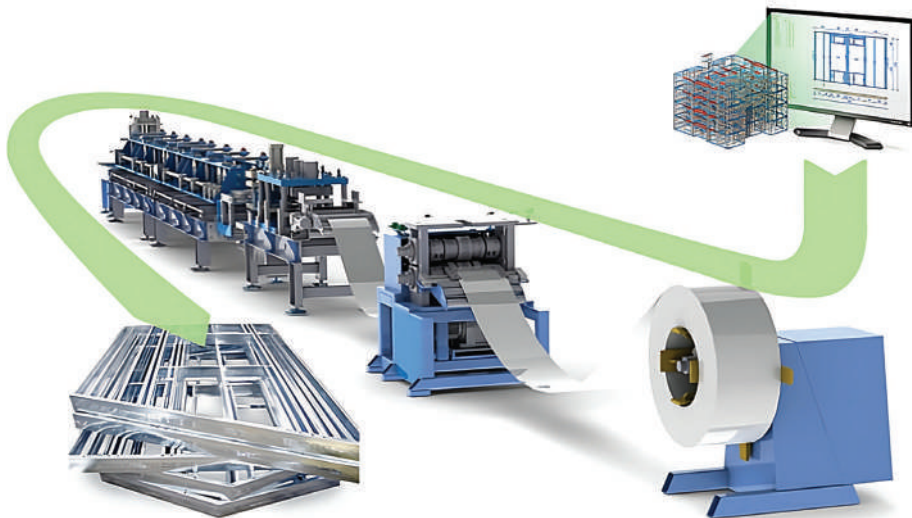
WHAT WE FABRICATE

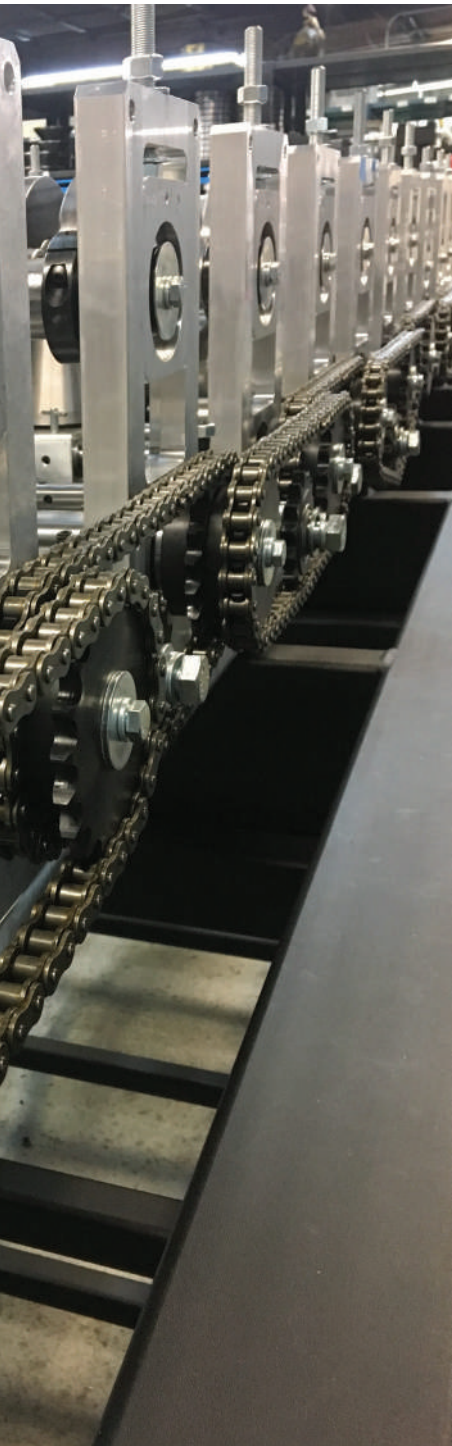
**RELIABLE, DURABLE, TOUGH –
AN AMERICAN ROLL FORMING ICON**

 MADE IN USA

To achieve the highest standards in steel frame manufacturing, we use one of the world-class American brand cold-roll forming machines, Knudson.

Our Framemaker is a powerful, advanced, and high-speed roll forming machine, capable of forming six web widths and three flange heights in 16 to 24 Ga galvanized steel at speeds up to 120 feet per minute.







XL200 ROLL FORMING CONTROLS

With over thirty-five years of experience developing, building, installing and servicing the roll forming market, AMS Controls has crafted a machine control system that has the control logic pre-written for the user.

The XL200 is an industrial controller specifically designed to be the ultimate in roll forming machine controllers. Through software selection and configuration parameters, it offers accuracy, efficiency, and ease of use.

ECLIPSE PRODUCTION MANAGEMENT SOFTWARE

Eclipse is production management software for roll forming and metal folding operations. One of the primary benefits of integrated manufacturing is the elimination of mistakes. Machine operators are no longer required to keypunch or manually record information.

The system ensures that the correct profile, material, length, quantity, punching pattern, part labeling, etc. are delivered to controller.



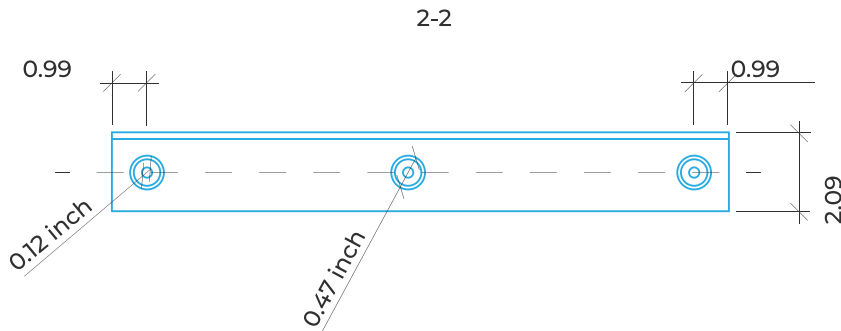
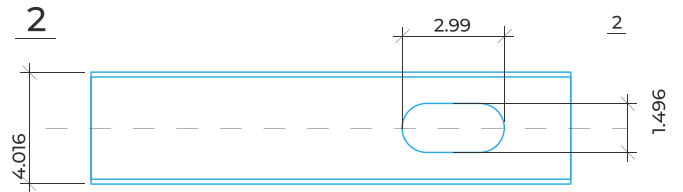
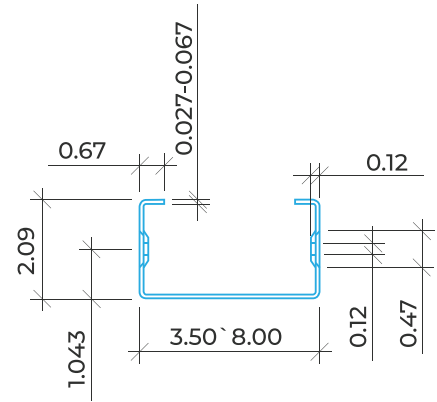
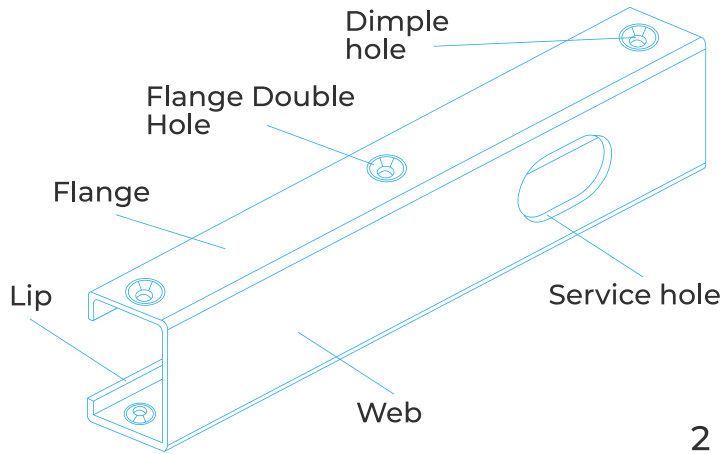
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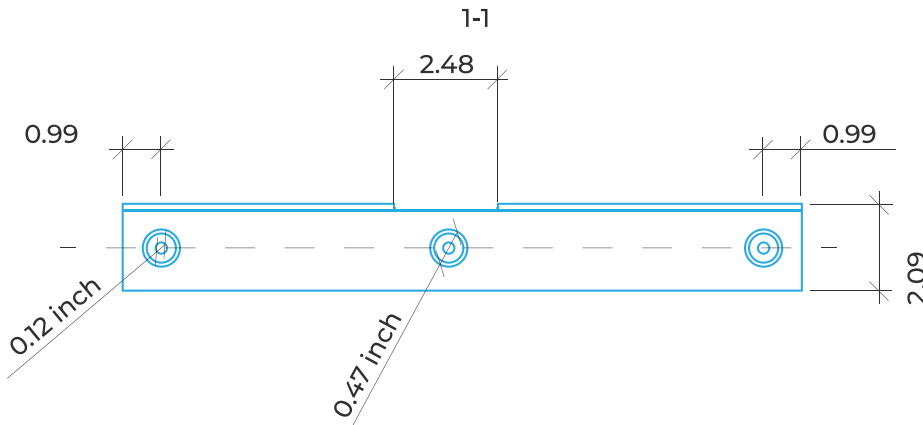
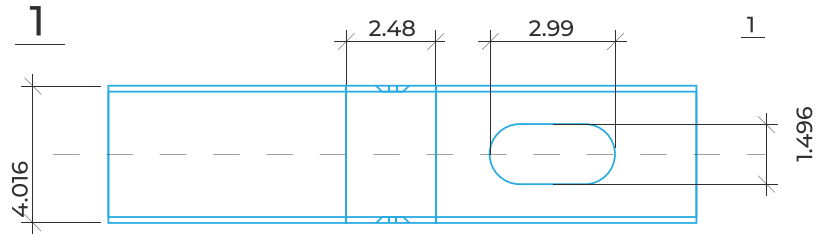
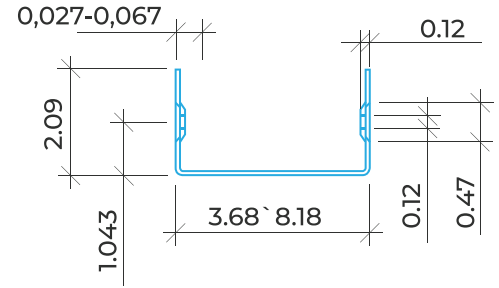
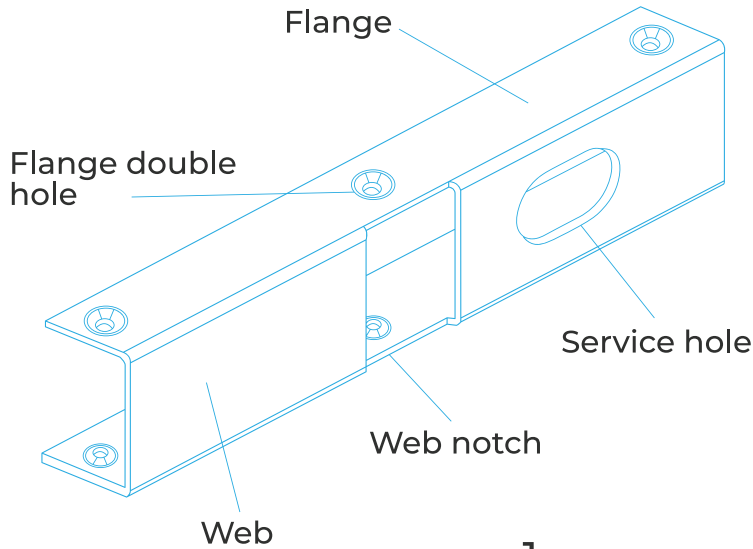
PREMIUM STUDS AND TRACKS FOR CONSTRUCTION

FRAME GAUGES FROM 16 to 24

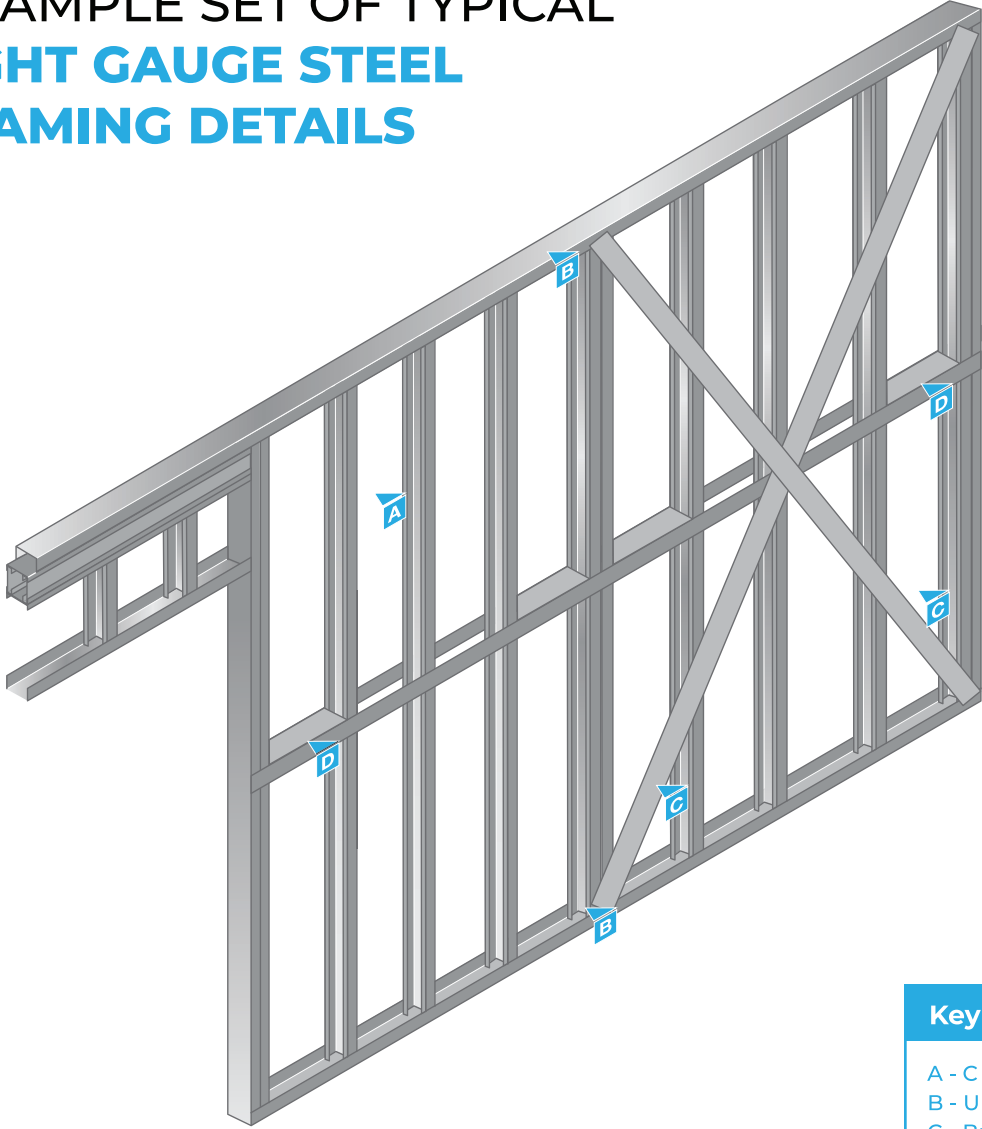
STRUCTURAL STUD



STRUCTURAL TRACK



A SAMPLE SET OF TYPICAL LIGHT GAUGE STEEL FRAMING DETAILS

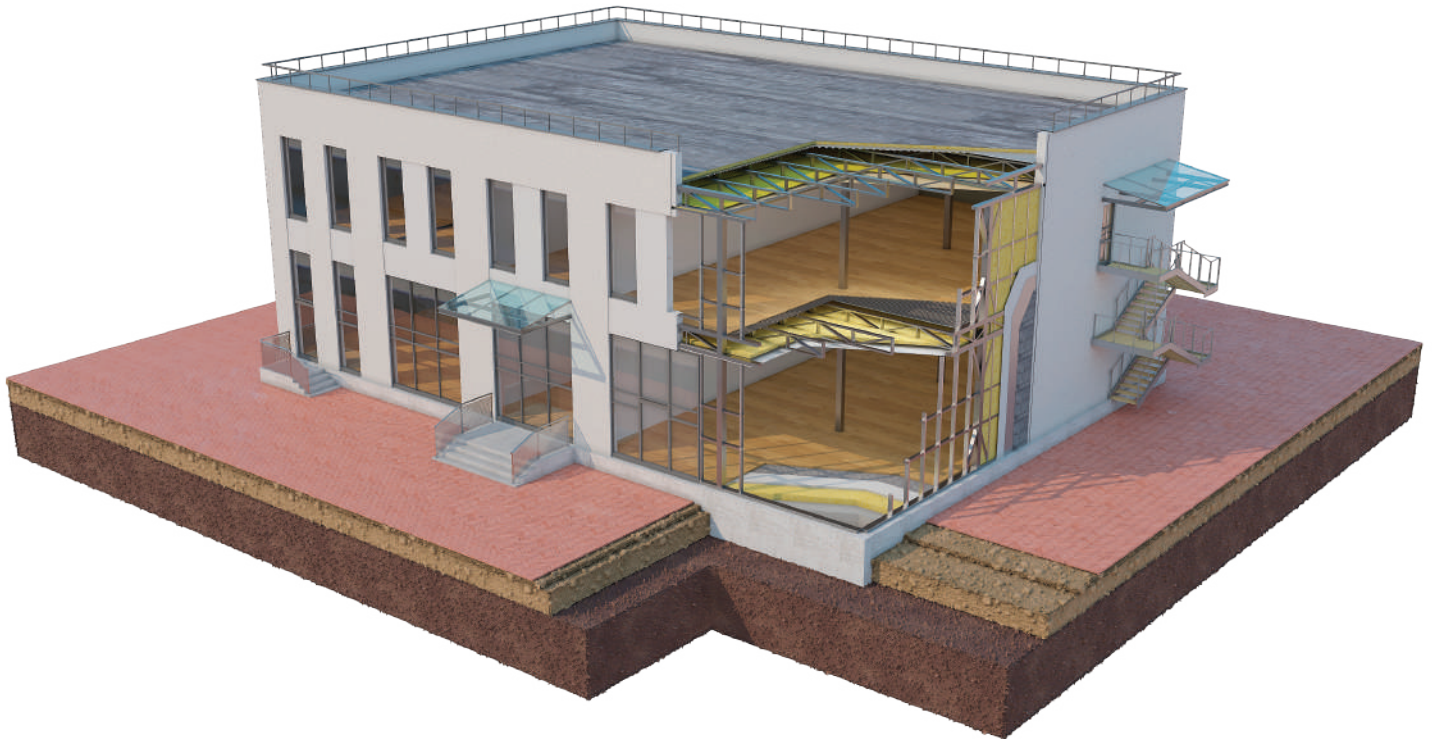


Key
A - C stud
B - U track
C - Bracing strap
D - Lateral bracing



WE FABRICATE THE ENTIRE BUILDING PROCESS

and allow clients to preview the final product on a computer before construction.



WHAT WE FABRICATE





WHAT WE BUILD

QUICK AND EASY STEEL ERECTION

At DSKA Steel, we use light-gauge steel frame (LGSF) technology in our construction projects to offer significant benefits such as speed, flexibility, durability, and environmental friendliness.

Our prefabrication process reduces construction time and cost, and our lightweight steel members are easy to transport and erect on site. Additionally, our LGSF structures are designed for energy efficiency and include insulation, vapor barriers, and air-sealing to improve thermal performance.

Furthermore, our LGSF construction is cost-effective as it reduces the need for heavy equipment and large cranes.



GRABBER
CONSTRUCTION PRODUCTS





WHAT WE BUILD





STEEL FRAME SOLUTIONS FOR VARIOUS BUILDING TYPES

Warehouses, industrial and commercial buildings, high-rise buildings, single-family homes, grocery stores, office buildings, garages, storages, townhouses and apartments, and retail spaces.

Furthermore, LGSF can be applied to partitions, roofing, walls, porches, carports, and other areas as appropriate.



9 WAYS TO LOWER YOUR TOTAL CONSTRUCTION COSTS

WHY STEEL BETTER THAN WOOD



Stronger and lighter than wood due to high strength-to-weight ratio



Shorter project cycles, reduced financing costs and lower liability



Lower builder's risk insurance and reduced fire-related legal costs



Durable, resistant to elements and long-lasting with protection from corrosion



Mold-resistant, inorganic and eliminates moisture issues



Termite-resistant and more durable than wood.



Dimensionally stable, equal strength in all directions and low maintenance costs



Better equipped to withstand severe weather and natural disasters



Fire and toxic gas resistant, limiting fire spread

STEEL FABRICATION AND CONSTRUCTION

COMBINE YOUR VISION WITH DESIGN SOLUTIONS TO
CREATE BEAUTIFUL FUNCTIONAL RESULTS

We specialize in providing the best solutions for commercial and residential construction using state-of-the-art light gauge steel frame technology.

FREE MEASURE. FREE ESTIMATE. FREE DESIGN.

Learn more on
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BUSINESS TO BUSINESS

Let's partner and create success together

DSKA Steel is open to building relationships with general contractors, engineering companies, architects, suppliers of building materials, and any other interested parties. We are ready to provide mutually beneficial terms and services for a successful partnership.



Commercial buildings



Public buildings



Warehouses



Production halls



Car services



Self-storages



Office parks



Hotels



Medical buildings



Low-rise buildings



Mid-rise structures



High-rise cladding



Houses of any type



Customized buildings



Frigorific hall



Hall covers



Modular houses



Solar structures



Carports with solar panels



Roofs, floors, lofts



Walls, partitions





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