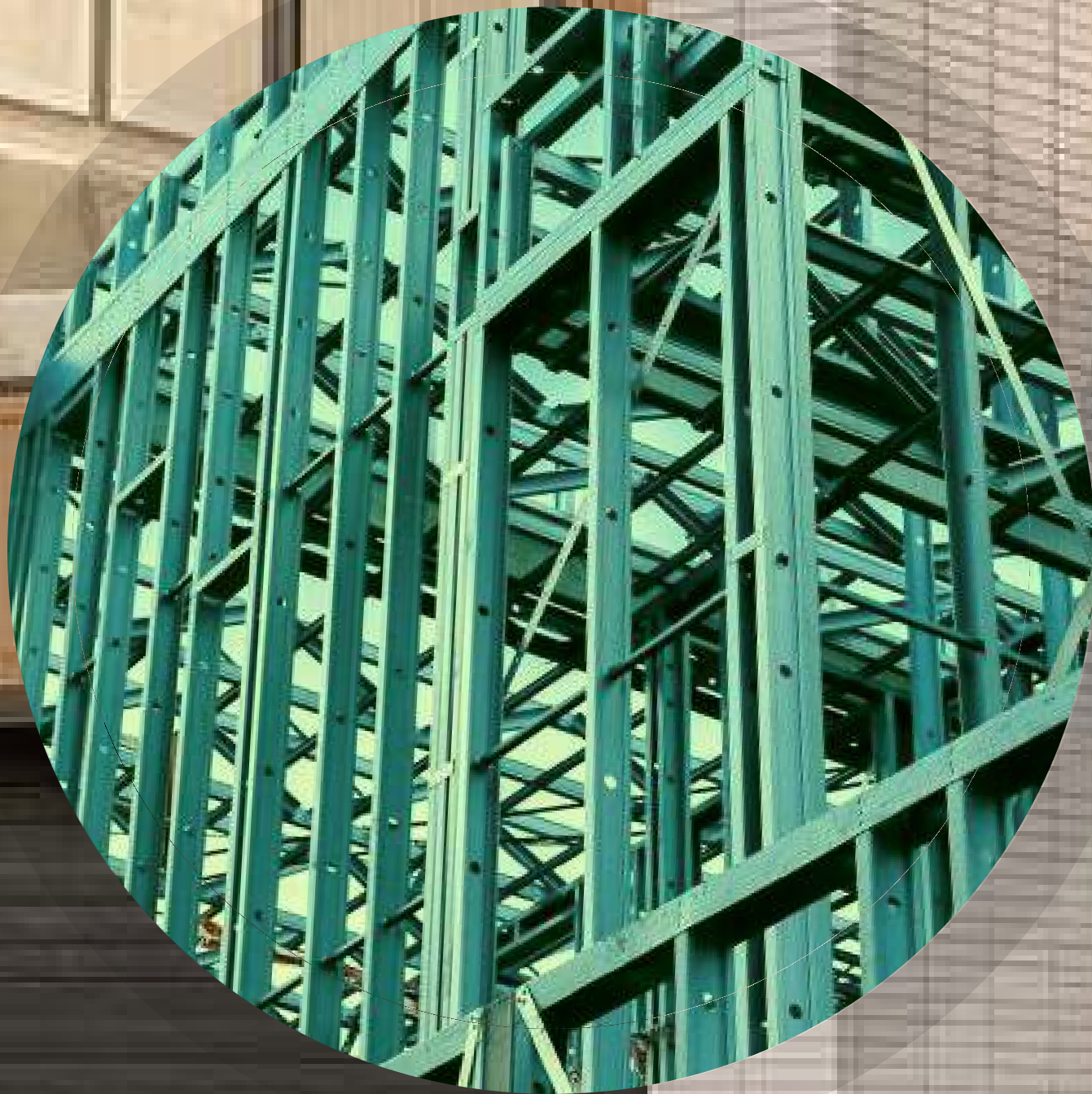






COMPANY PROFILE



SCOTTSDALE
CONSTRUCTION SYSTEMS

Intelligent light gauge steel
frame and truss technology



-  Hardware
-  Software
-  Support
-  Know How

scottsdalesteelframes.com

COMPANY PROFILE

Intelligent light gauge steel
frame and truss technology



SCOTTSDALE
CONSTRUCTION SYSTEMS



Hardware



Software



Support

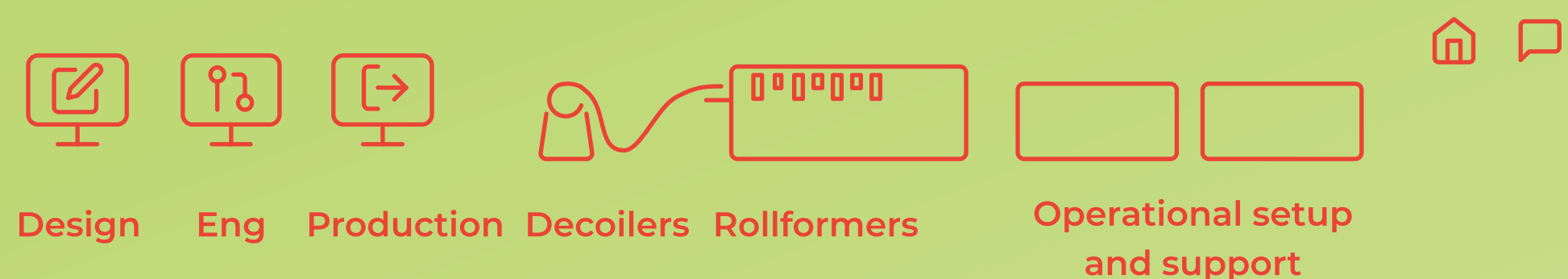


Know How

Scottsdale. Your complete growth partner in light gauge steel fabrication.

Scottsdale provide a **total LGS fabrication “ecosystem”** that makes it easier to get into steel fabrication, faster to achieve a return on investment and continues to support you for sustained growth.

We have over **25 year experience** and our machines are **operating in over 80 countries** around the world.



Machines

Engineered for precision and durability, these robust machines include panel and truss roll formers, as well as decoilers. They are a perfect balance of capability and cost, without pointless extras. Every price difference in our range is justified by a capability that adds to your bottom line.

Software

Our user-friendly software transforms architectural designs into true 3D layouts for panels and trusses, performs relevant engineering analysis, and readily syncs with the roll formers, guiding production output efficiently and seamlessly. With unlimited software licences and regular updates that deliver greater efficiencies to your business.

Support

We support you as you grow with us, through 24/7 worldwide assistance, maintenance and spare parts, online knowledge base, and design/detailing expertise. Our flexible support package options work for all operator sizes, either tied to how much steel you fabricate, right up to unlimited support plans.

Know How

This is the key to your success, and ours. We don't just sell you the machines and technology to do the physical job. With over 25 years of IP and operating experience, we provide business development, set up, training, tools and templates. You'll avoid the common pitfalls and quickly get up and running and receive the support needed for your ongoing success.

Low barriers to entry.
Low startup costs.
Profitable sooner.



Engineering
& Design

Manufacture
& Construction

Seamless Technology

Scottsdale design and develop all machinery and software in-house for seamless integration, operation and quality control. There's no need for third party systems or additional software packages.

Steely Focus on ROI

With Scottsdale, you have the backing of our decades of steel framing operational experience. We help you determine what ROI looks like for you and guide you in building and sustaining a business on profitability.

Continuous Improvement

Every aspect of our system is constantly improving. Through in-house design and development teams, as well as via customer service and feedback channels. When it comes to advancing our customers' success, we never rest.

A diverse system suited to most applications.

The Scottsdale system can be used for a wide range of steel framing applications in residential housing, commercial buildings, and modular structures.



Roof Truss



Wall Frame



Sub-Floor



Pre-Fab



Structural



Connections



Beams &
Purlins



Joists

Residential

Light gauge steel frames and trusses for single and two-storey residential buildings up to five-level apartment buildings.



Commercial

Standalone structures up to eight levels, with no height limit for internal walls or external rain guards. Frames can be built onsite with the rollformer operating on each floor as constructed.



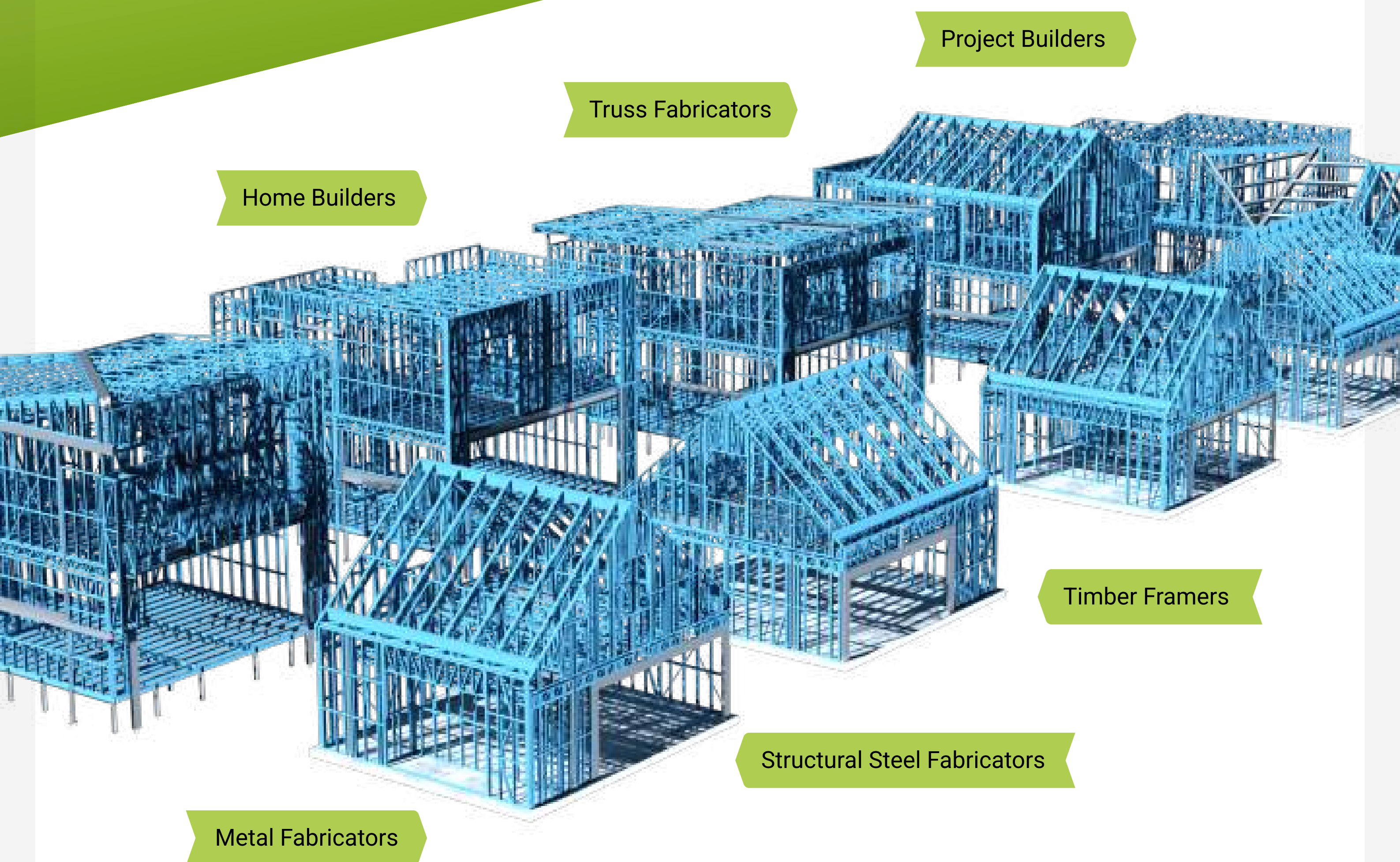
Modular

Our system is well suited to modular, allowing high speed, in-factory manufacture of transportable and modular buildings and pods.



Used throughout the construction sector

Whether you're a high-volume fabrication plant operator, a busy builder wanting to take on framing in-house (or anything in between), Scottsdale make LGS fabrication a viable business opportunity.



80 countries & counting

We're trusted around the world by a diverse range of construction businesses to power their steel framing operation.

Engineered for practical fabrication performance.

We've been deliberate in how we design our roll forming machines. Our range isn't the biggest – in fact we believe less is more. Our machines aren't the fastest – but they're still faster than the fastest framing assembly crews can work with them.

Our range has been designed and continues to evolve in this way – practical, intelligent, profitable.



Capability + Value

Our machines are built for substance, not flash. Every component and feature is there for an operational purpose and delivers value.

Optimal Speed

Our system outperforms the fastest of crews. More importantly, steel output is optimised for continuous panel assembly to maximise crew efficiency.

Sized for Mobility

Compact machine and decoiler designs take up less space, making it easier to configure production setup with a reduced floorplan.

Teamwork

Seamless integration with software helps operators control output, while floor teams work faster thanks to the rivet system which means never having to “flip” a frame during assembly.

Efficiency

Our 90 mm profile machines with ribbing and 37mm flange can add up to almost 25% saving on steel costs, using a lighter gauge with no loss of strength.

Reliability

Our latest machine's automatic roller adjustment and in-feed coil guidance means less maintenance and even more durability, on top of an already highly reliable platform.



Panel Roll Formers

Precision wall framing components through seven progressive stations, allowing easy assembly on the factory floor.

- Single Profile
- 63 - 140mm C Section
- 0.55 - 1.15mm Gauge
- 780 x 2930 footprint
- 7 RF stations



Truss Roll Formers

Nine progressive stations allow for forming of complex truss designs with ease in a Scottsdale's patented top hat profile.

- Single Profile
- 63 - 140mm Top Hat
- 0.55 - 1.15mm Gauge
- 780 x 2930 footprint
- 9 RF stations



Decoilers

Mobile, safe and easy to load, our decoiler is designed to work in sync with the roll former, feeding steel at an optimal rate.

- Powered feed
- 1500 kg (3300 lb) Max Load
- 1200 mm (47") Max Diameter
- Easy load: no forklift
- Safety brake

Standard or GEN II Series

Scottsdale have two machine series: our proven and highly popular **Standard** model. Or the latest **GEN II**, which offers added functionality and performance.



Up to 25% faster production output



End bearing guillotine for full stud strength



Enhanced protective frame



Self-adjusting rollers and coil guidance

Tooling Stations

All models feature 6 standard tooling stations: cut to length, swage, notch punch, squash, rivet punch and service hole punch. A plumbing notch tool is optional.

Decades of Performance

Scottsdale roll formers are reliable workhorses. We have machines that have produced **4.5 million metres of steel after more than 20 years in operation.**

Software

Design to production, faster, seamless.

Our in-house developed, user-friendly software suite makes the entire steel fabrication process easier, saving time and money – not just for steel fabricators, but for builders, engineers and independent contractors who provide design, detailing and engineering analysis services to the industry.



Developed in-house

Our software development team is close to the action, with the application expertise needed to provide continual software optimisation.

Feature rich

Our software has dozens of unique features, including 3D viewing and editing tools that allow you to more easily see what is being designed.

Seamless connection

Designs produced in ScotSteel can be instantly sent to ScotRF for precise machine instructions, making for more efficient production.

Usability first

Our software doesn't require degree qualified staff. Intuitive and easy to learn, with in-built design, layout and adjustment automation.

Unlimited licences

Every software package comes with unlimited software licences as part of your service agreement. So you can upskill as many people as are needed.

Fast workflow

Detailed software printouts and framing members output in optimal order of assembly provides significant efficiency gains.



Design

ScotSteel software can design panels for virtually any construction element – walls, roofs, ceilings, floors, gable panels, overhang outlookers – ready to run on the rollforming machine.

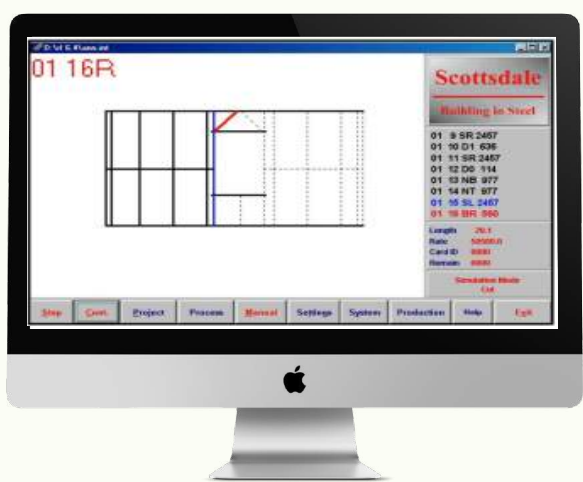
 **ScotSteel**



Engineering

ScotSteel produce trusses that are economical in steel usage whilst meeting local engineering requirements. Design complex trusses with automated tests, checks and engineering analysis.

 **ScotSteel**



Production

ScotRF controls roll former operation, interpreting the design data into precise machine instructions, producing panels and trusses in optimal assembly order.

 **ScotRF Truss**

 **ScotRF Panel**

Feature packed and
always improving

The list below is just a taste of the functionality and user-friendly features in the Scottsdale software suite.



Full Design
toolset



Auto
design



Structural
analysis



Design
checks



Structural
analysis



Design
checks



Component
library



2D & 3D
design views



Dynamic
dimensions



Detail Print
functions



Dynamic
dimensions



Detail Print
functions



Custom
interface



Auto
layout



BOM
steel usage



Frame
analysis



BOM
steel usage



Frame
analysis

By your side every step of the way

Our support system is here to keep your business on track, with multiple support options suited to all business types. We support you predictably in terms of cost and reliability, so you can get on with fabricating frames and serving your customers.

24/7 Global Response

No matter where in the world, or what the problem (machines, software, business operations), you can make unlimited support requests.

Training Programs

A library of on-demand training videos are always available. Custom training programs can be provided for your company, on site or remotely.

Knowledge Base

Our online portal is full of articles, PDF manuals, design files and photos, so you can quickly answer questions, solve problems and find new ideas.

Maintenance & Spares

No matter where in the world, or what the problem (machines, software, business operations), you can make unlimited support requests.

Support Options

Choose a support package that fits your business needs and budget – based on the metres you output or full unlimited support.

Detailer Network

If you are short on detailing and design skills, we can connect you with a contract detailer or provide directly ourselves on a cost-recovery basis.



Sharing our 30 years of fabrication experience

Steel framing know-how is the key to your success. Only Scottsdale has the business management expertise to ensure you avoid common pitfalls and start off on the right foot.

Having worked side-by-side for 25 years with AFS, one of Australia's biggest LGS fabricators, we know steel framing inside out. And **we're passionate about sharing** our systems and operational know-how with new customers.



Business ROI / Profit Calculator

Before you buy from us, we can take you through scenarios with our custom calculator. As well as machines and software, we look at office and factory fitout, tools, stock, parts, income and expenditure. You'll see what profitability looks like for your size, circumstances and ambition. If it's not right for you, that'll be clear to both of us.



Business Setup & Operations

From the moment you commit to purchase, the focus is on fast and efficient set up. We provide business development, factory layout planning, staff support, plus tools like sales quote and estimating application, as well as general business and management mentoring.



Training & Staffing

We help you make the most of our systems via one-on-one software training (7 days) and factory commissioning (2 days). As well as training your people, we can even help you find them, if required, or connect you with contractors versed in our systems.



Customer Webinars / Workshops

As part of our customer support, we provide regular online customer webinars for you to catch our latest updates, and discover new ideas from the real experts: fellow fabricators like you who are solving problems every day.

SCOTTSDALE

THE TRUSTED STEEL-FRAMING PARTNER



CHECK OUT OUR LATEST ICC-ES CODE APPROVALS!

IBC / IRC | FBC / FRC (HVHZ) | CBC / CRC

Australia | New Zealand | Saudi Arabia | Abu Dhabi

- ✓ Global reach.
- ✓ The latest building codes.
- ✓ World's most advanced steel-framing technology.



ESR-1538



ESR-2024



ESR-2027



ESR-2093



ESR-2025



ESR-2026



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Frame your business future with light gauge steel

Get in touch with us to learn more about the
Scottsdale Steel Framing ecosystem. Let us show
what your ROI might look like on our business
modelling calculator.



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