

# Rollformer Series

Machines

Rollformers



**Take your steel framing operation to a new dimension.**

Grunt, performance and next-level engineering, all in a compact, agile chassis for maximum productivity.

**Single Profile**

**C Section**

63 - 140mm (2.5 - 5.5")

**Top Hat**

50 - 75mm (2 - 3")



**SCOTTSDALE**  
CONSTRUCTION SYSTEMS





# Upgrade to the new generation

Our family of roll formers have the extra grunt you need to maximise performance. Next-level engineering boosts both machine speed and effective panel strength, while saving on costs and improving safety.



**Single**  
profile



**Compact**  
footprint



**Safety**  
enclosures

## Performance

### Speedier production

Optimised drive and gearbox combination boost production output of rolled steel per hour.

### Self-adjusting

Automatically adjusting stations save time setting roller pressure for different steel gauges.

### Stronger finish

An end-bearing guillotine enables studs to sit flush for sturdier construction while saving on materials.

### Safety first

All-over protective panels provide enclosed safety. Sliding top enables access as required.

## Productivity

### Continuous assembly

Optimised fabrication sequencing ensures machine and team can work to max output.

### Universal coil size

The 90mm (3.5") machine uses a common coil for production flexibility and stock SKU reduction.

### Guided input

Enhanced infeed guiding that centres coil in roller for greater stability and less machine stress.

### Designed to save

The smart design features we've engineered in the roll formers work together to deliver ROI faster.

## Range

### Choosing the right machine for your needs

The **Profile** and **Gauge** you choose depends on the work you do, from modular and low rise residential, to apartment complexes and light commercial construction.

A wider profile and thicker gauge are required for load bearing walls; narrower and thinner for non-load bearing.

**Profiles available:** 63 mm, 70 mm, 76 mm, 90 mm, 140 mm

**Multiple Gauges per profile:** 0.55mm, 0.75mm, 0.95mm, 1.15mm

If you're unsure, talk to us about which option best suits your operation for performance and economy.

## Powered Decoiler

All roll formers use our universal Decoiler which balances load capacity and mobility.





## Technical Specification

Feature	Units	Details	
Country of Manufacture	COO	New Zealand	
Joist Type		Lattice	
Maximum Building Height	floors	G + 7	
Applications		Residential, light commercial, modular	
Warranty		1 year	
<b>Profile</b>			
Number of Profiles		1	
Profile Options		C Section	Top Hat
Profile Width (Web)	mm	63, 70, 76, 90 or 140	50 or 75
Profile Height	mm	37 or 46	
Profile Lip	mm	7.5 - 9	14
Gauge (BMT)	mm	0.55 - 1.15, depending on profile	
Coil Width	mm	143 - 244	
<b>Stations</b>			
Rollforming Stations		7 total: 4 self-adjusting roller and 3 forming stations.	9 total: 5 self-adjusting roller stations.
Self-Adjusting Side Blocks		Yes (GEN II only)	
Tooling Stations (Panel)		6x Standard: Service, Swage, Flattener, Rivet, Notch, Cut-off. 1x Optional: Plumbing	
End Bearing Guillotine		Yes (GEN II only)	
Steel In-feed Guide Unit		Yes	
Printer (Optional)		2 Printer Heads	
<b>Drivetrain</b>			
Main Drive	kW	2.18	
Gearbox	ratio	20:1 or 12.5:1	
Drive Sprocket	teeth	15 or 17	
Hydraulic Power	kW	3.3	
Typical Production Speed	m/hr	Joists: 300 Frames: 450	
<b>Dimensions</b>			
Length	mm	2930 - 4100	
Width	mm	780	
Height	mm	1440	
Weight	mm	824 - 1310	
<b>Decoiler</b>			
Capacity	kg	1500	
Feed		Automated Power Feed	
Mobility		Mobile, wheeled	
<b>Software</b>			
Developer		Scottsdale (integrated & machine optimised)	
Design Software		ScotSteel	
Production Software		ScotRF (Truss & Panel)	
Communications		Ethernet	
<b>Electrical</b>			
Power Supply	V	220-240 or 110-120	
Power Frequency	Hz	50 or 60	
Phase		Single or Three	
Power Consumption (avg / max)	A	18 / 29	

## The Scottsdale Ecosystem

Our machines form part of our steel fabrication **ecosystem** to power growth and profitability for your steel fabrication operations.

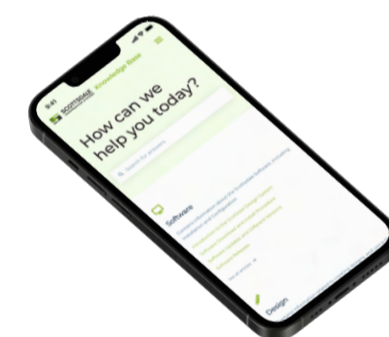


## User-friendly Software

User-friendly, transformative software for efficient steel framing fabrication.

**ScotSteel** | Design & Engineering

**ScotRF** | Production



## Support Services

Support that starts on day 1 and never ends, including training, maintenance, parts, knowledge base, and a 24/7 support team globally.



## Framing Know-How

Leverage our 25+ years of operational experience, with best-practice setup, training, staffing and a host of tools and templates to guide your success.





## Standard or GEN II Models

Our rollformers are available in one of two models. Both have had a complete upgrade to increase performance, whilst retaining Scottsdale's straightforward approach to rollforming design. The two models are designed to suit varying fabrication requirements.

### Standard

- **New drive** with increased speed and performance of up to 15%
- **Gearbox** 20:1 and 15T drive sprocket
- **Bottom covers** on the side of the frame to enclose the machine
- **New swage tool**, for a smoother joint
- **Steel sensor** to avoid potential damage to the encoder
- **Temperature sensor** to allow for fluctuations in temperature which could affect calibration
- **Larger radiator**
- **Larger accumulator**
- **Larger oil tank**
- **Larger hydraulic pump**
- **New age decoiler** which can take a master coil of 1,500 kgs
- **Waste bin** attached to frame front
- **Bottom covers** on side of the frame

### GEN II

#### All features of the Standard model

- **New drive** with increased speed and performance of up to 25%
- **Gearbox** 12.5:1 and 17T drive sprocket
- **Self-adjusting side blocks** and top block
- **End bearing guillotine**
- **Top and bottom safety covers** to enclose the machine

## Which model is right for your business?

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



### Business ROI / Profit Calculator

We can take you through scenarios with our custom calculator, which costs up machines, software, office and factory fitout, tools, stock, parts, income and expenditure. You'll see what profitability could look like for you.



### Business Setup & Operations

We help you prepare for efficient set up, including business, factory layout, staff training, plus tools like sales quote and estimating application, as well as general fabrication business guidance as needed.

## Contact | Global Headquarters



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## More from Scottsdale

For information on the full range of machines, software and support available from Scottsdale, visit our website, [scottsdalesteelframes.com](http://scottsdalesteelframes.com).