



# Next Generation ROLL FORMING MACHINES

The new family of C-Section panel fabrication machines from Scottsdale.



**Compact**  
footprint



**1500m/hr**  
capacity



**Safety**  
covers

## A Complete Upgrade

Say hello to the new generation of C-Section machines from Scottsdale.

We've retained our straightforward approach to roll forming design, whilst building in extra grunt to enable maximum performance.

This has enabled us to continue to offer the best value machine and fastest return on investment. In short, a machine that perfectly balances capability and cost.

Several enhancements, including extra machine speed, deliver savings in operator time, steel usage and safety.

Fully integrated within the Scottsdale ecosystem, this latest release performs all the functions of Scottsdale's first generation machines, but at speeds and functionality that can take your steel operations to a new dimension.

## SPEED

An increase in drive sprocket combined with gearbox ratio reduction boosts the new drive's speed and performance by up to 25%. Up to 1500 metres of rolled steel per hour.

## SAVINGS

Automatic self-adjusting rollers save time having to set correct roller pressure whenever a different gauge of steel coil is used. Together with an enhanced infeed guiding system that centres the coil in the roller and gives greater stability and less machine stress, this all adds up to bottom line savings.

## STRENGTH

The new end bearing guillotine in the toolhead allows the stud to sit flush in the bottom and top track of wall frames. This means the true stud compressive strength can be fully utilised, surpassing the connection capacity limit of studs when running engineering analysis, ultimately giving sturdier construction while saving on materials.

## SAFETY

Bottom and top casing panels and top sliding panels provide a safer environment with less chance of jammed loose items, or fingers. The sliding top gives technicians access when required.



## STANDARD MODEL

- 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 MODEL

- **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

## THE ECOSYSTEM

All machines form part of the Scottsdale's steel fabrication "ecosystem", comprising machinery, engineering and design software, 24/7 service and operational support — to help support the growth and profitability of your steel fabrication operations.