

20 Pass Rollformer for the production of Partition Studding (6 types incl. 'I' & 'C' section)



Performance

Line speed	: 50m/min
Max component length	: 6.5 metres
Accuracy	: ± 1.5mm

Coil - Galvanised Mild Steel

3500kgs x 450mm x 1.5mm & 1500mm O/D

C3500.450 NON MOTORISED DECOILER

Pneumatic Back Tension and Safety Brakes

F2(60) 20 PASS DEDICATED ROLLFORMER

20 pass dedicated rollform mill with 54mm diameter shafts. Variable speed A C drive Adjustable upper rolls to set the correct rolling pressure.

An adjustable guide assembly with digital readout is mounted prior to the rollforming head section.

A re-circulating lubricating system lubricates the material at a set number of passes.

The rollforming head is mounted onto a separate machined plate (Rafted base) that is easily fitted and removed from the baseframe.

The rollformer is guarded by a box type mesh guard with a hinged door, for access to the rollforming head, the door is interlocked with the emergency stop circuit.

MEASURING WHEEL

A measuring wheel is fitted with a length measuring encoder which runs directly on the strip/section.

FLYING SHEAR, BASEFRAME AND TOOLING

The cut-off shear is positioned by a servo control system which calculates a speed match between the material and the shear assembly.

The flying shear consists of a hydraulic actuated 4 pillar die-set press which runs on linear slides mounted onto a sturdy fabricated baseframe

Controls

Controls for the Line are housed in appropriate enclosures, with the main control desk situated at the front of the line.