

12 Pass Rollformer for the production of Window Profile Reinforcements



Performance

Line speed : 50m/min
 Max component length : 6 metres
 Accuracy : ± 0.5 mm

Coil - Galvanised Mild Steel
 2000kgs x 300mm x 2mm & 1200mm O/D

NON MOTORISED DECOILER

Double sided Non-Motorised Decoiler with Back Tension and Safety Brakes (2t Capacity).

F1(1.5") 12 PASS DEDICATED ROLLFORMER

12 pass dedicated rollform mill with 1.5" 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. 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 High Speed Hydraulic Block Cylinder system with a 20 tonne capacity providing a 3" stroke length to crop the section "double shear" thus taking a slug. A lightweight aluminium alloy 4 pillar die-set press which runs on linear slides mounted onto a sturdy fabricated baseframe houses the cropping blade & dies.

Controls

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