

## 16 Pass Auto Tumbling Duplex CNC Rollformer for the Production of Garage Door Panels (450-900 Wide)



### Performance

Line speed : 3 components / min  
: subject to punching.

Max component length : 3 metres

Coil - 0.4mm Galv. Mild Steel

### F2(50)-16-AUTO TUMBLING DUPLEX CNC SERVO ROLLFORMER

A 16 pass tumbling duplex CNC rollformer with 50mm diameter shafts. Variable speed drive, with drive transmitted to the forming heads via three drive towers on either side of the machine.

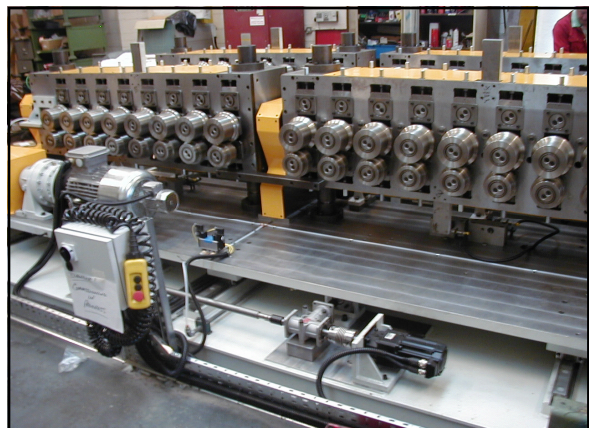
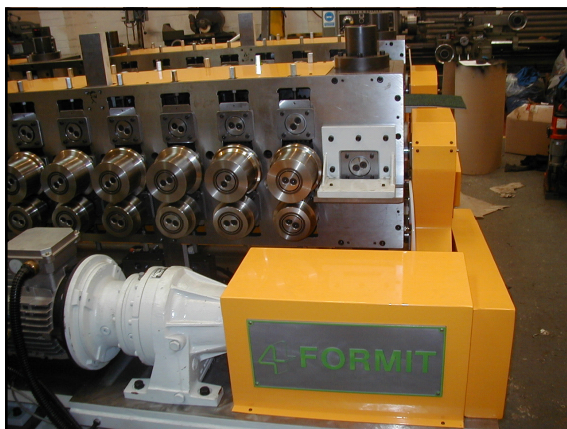
The top rolls are all adjustable and are individually set for the required rolling pressure.



Each side of the machine has 2 sets of form tooling. Either side then Automatically tumbles to select which edge form tooling is required.

Width adjustment on this machine is achieved automatically via servo motors controlled by the software system and adjust to the desired product as it is called for. Again this adjustment takes place at the touch of a button.

An entry guide assembly is mounted prior to the rollforming head section. This guides notched strip coming from the conveyor and ensures it is presented correctly to the forming passes.



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### LINE CONTROLS

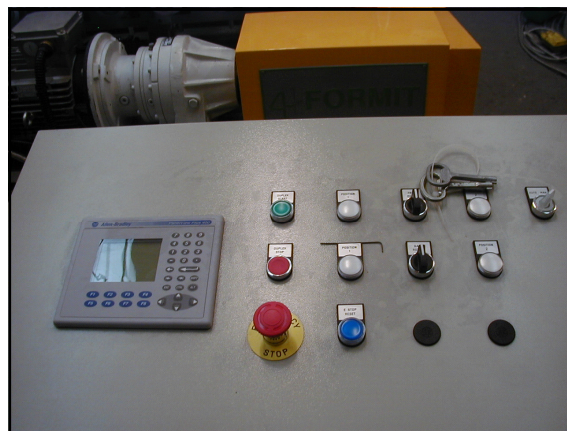
The line control system accepts an information packet presented to it by the customers SCADA software system, to produce the required components. This means the machine has NO OPERATOR.

The Software system will Fully Automatically set the Rollformer for it's required width via Servo Motors. The software will also Fully Automatically Flip the edge form tooling over as required dependant upon the type of panel to be produced.

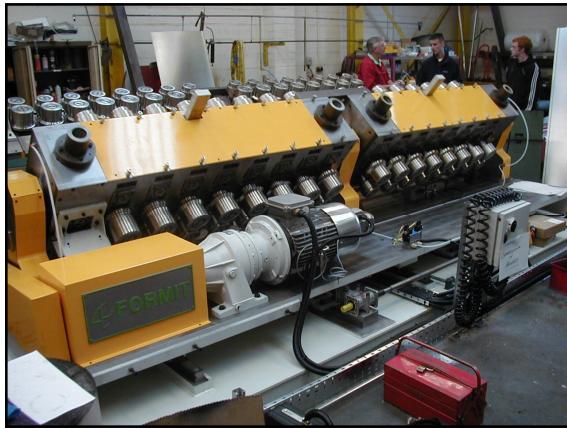
This machine resides within the customers production line & communicates with all existing equipment to perform it's functions.

Electrical Controls for the machine are housed in appropriate panel enclosures at the rear of the line, with the main control desk situated at the front of the line.

Wiring between machines and enclosures will be via in-floor trunking.



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### FULLY AUTOMATIC TUMBLE FEATURE

When the control system calls for a different panel configuration the machine will automatically go into it's Tumble feature.

On this page there are a few photo's of this taking place.

This feature means that this machine no longer requires an operator to perform changeovers. They are taken care of entirely by the machine.

