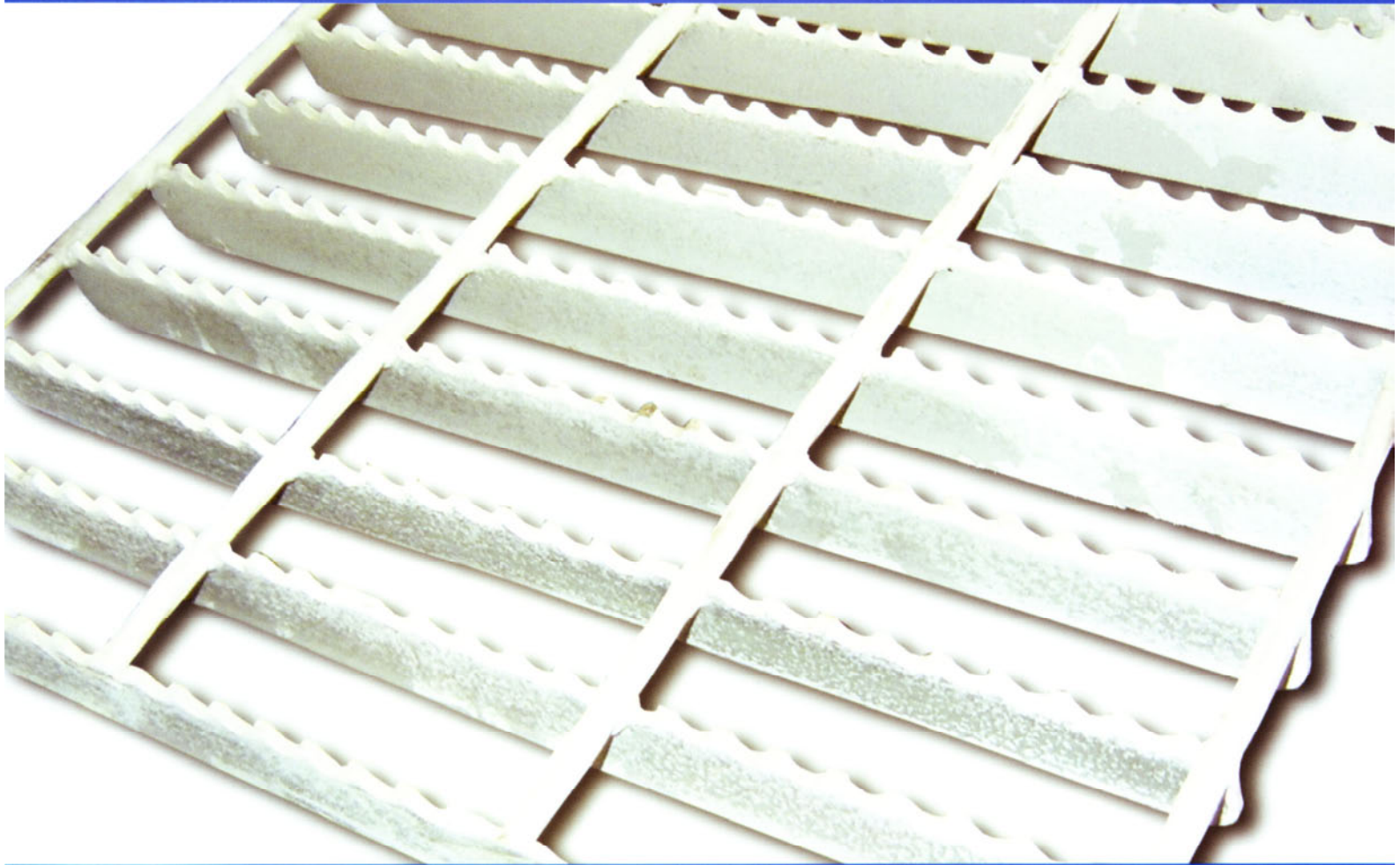


IDEAL CLIFFORD

GW SERIES



GRATING WELDING LINE



The machines are designed to allow for the feeding and welding of two crossbars simultaneously with tooling to provide accurate crossbar location even when welding serrated linebars. The welding portal incorporates a hydraulic flattening station to ensure that flat sheets are produced from the welder.

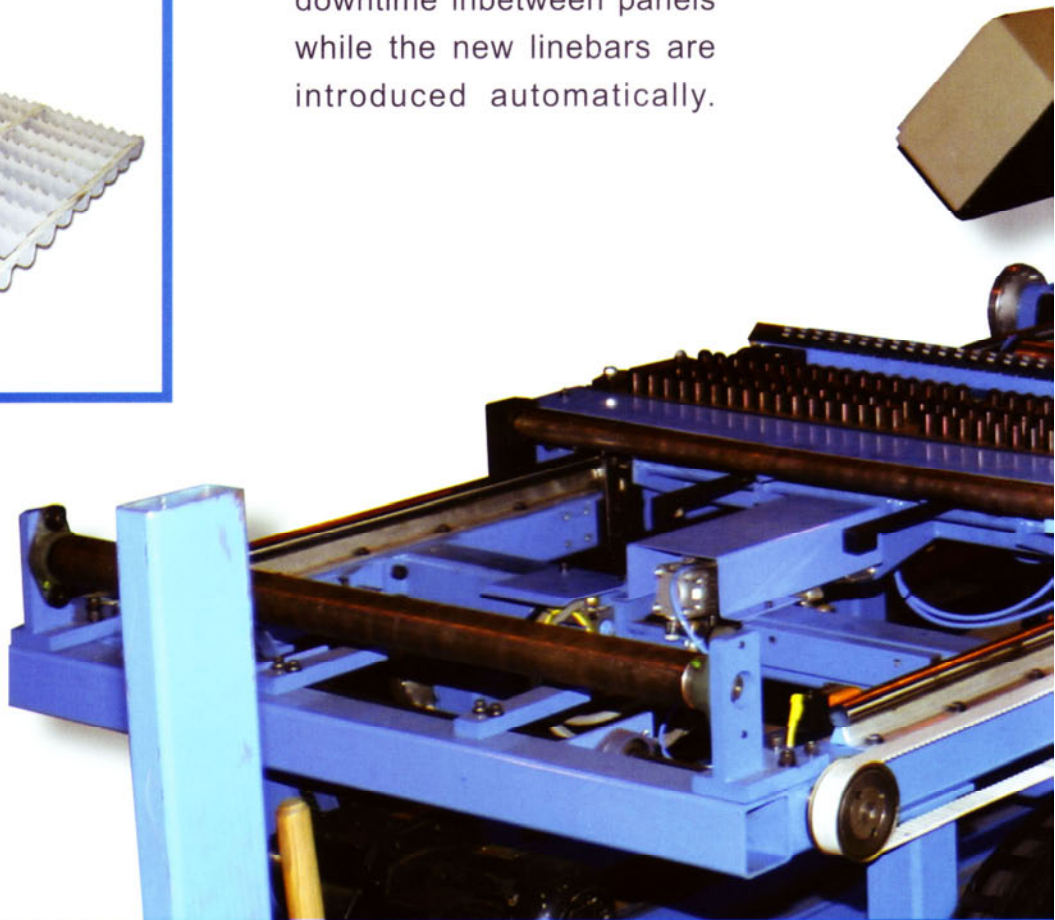


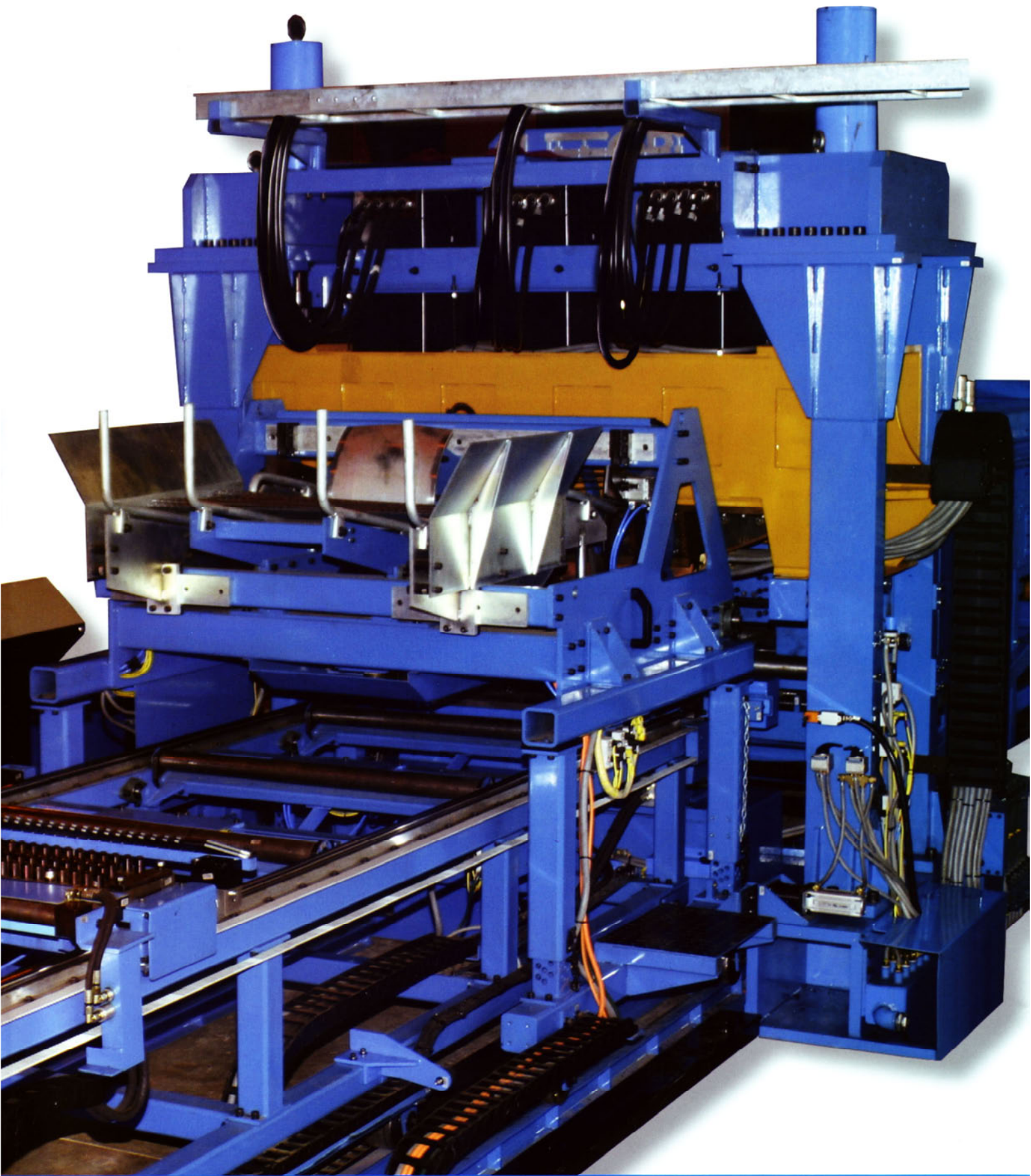
Grating Sample

The GW series grating welders are specialised machines for the manufacture of forge welded grating products.

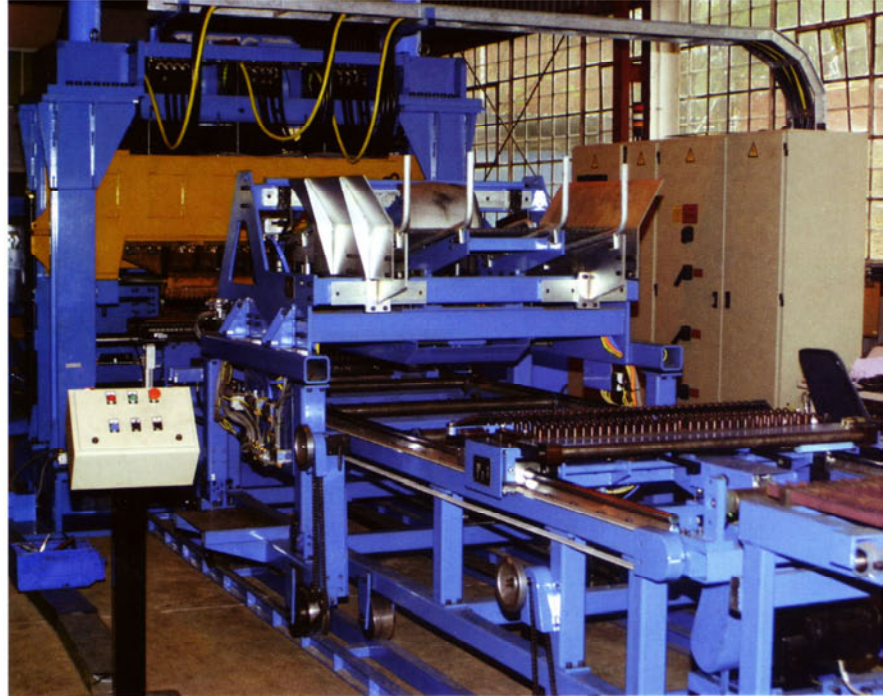
The machines are designed for feeding of linebars from precut lengths.

A semi-automatic loading system allows operators to load the following set of linebars while the previous panel is being welded, with minimal downtime inbetween panels while the new linebars are introduced automatically.





GW Series Grating Welding Line



Linebar Feeder & Magazine

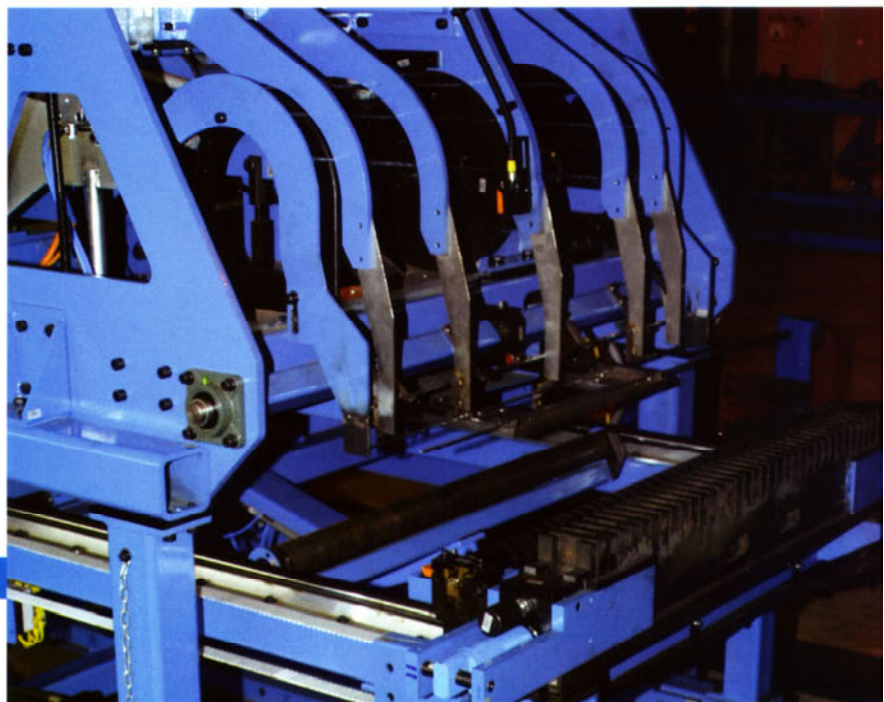
The machines are manufactured to be modular in design and consist of the following components:

- Hydraulic power pack
- Welding portal
- Crosswire hopper & locator
- Linebar indexing unit
- Welded grating indexing system
- Edge cropper
- Linebar feeder

Optional components include:

- Flattening station
- Automatic stacker and conveyor systems

The machines are offered with sidebar croppers, inline straightening and grating stacking and removal options.



Crosswire Hopper



The GW series of grating welders are specifically designed to allow for very rapid changeover from one product to another, utilizing quick change cassette type tooling.

- Quick size changes with cassette type tooling
- Automatic bar feed to minimise time between sheets
- Dual crossbar welding
- Integrated straightening
- Edge cropping
- Large size range of line bars



Automatic stacker & conveyor systems



TECHNICAL DATA

Model Number	GW10	GW12
Portal Widths	1000mm	1200mm
Panel Width:	Max 1000mm	1200mm
Load bar sizes	Min: 20 x 3mm	20 x 3mm
	Max: 100 x 10mm	100 x 10mm
Load bar length	Max: 6500mm	6500mm
Transversal bars	Twisted square	Twisted square
	5 – 7mm across flats	5 – 7mm across flats



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