

Our Factory

High-tech and best quality through state-of-the-art production methods characterise our machinery. Continuous development and optimisation of production processes assure products with the best value-for-money ratio.

ORDER PROCESSING

The integrated capacity planning system offers important advantages by providing real time data and information about planned delivery dates. This allows a constant view on production progress especially when products are complex with multiple production steps and material routes. Our software design features ensure order acknowledgement, EDI and electronic invoicing. Complete control from input to delivery

GLASS LOADING

With storage capacities in excess of 250 tonnes our double-sided glass autoloader can supply up to 8 products, untouched by hand, from the storage racks positioned on both sides and automatically place the glass correctly for cutting.

GLASS CUTTING

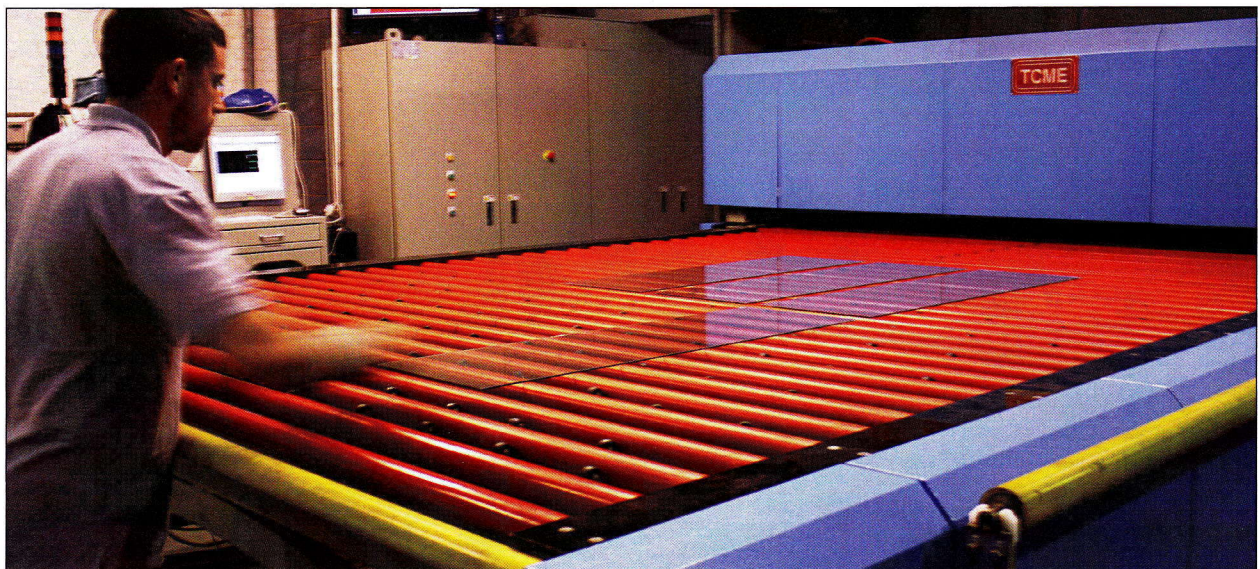
Glass is automatically moved to the reference point on our precision cutting machines by a regulated air cushion. Cutting any shape of 4mm to 15mm glass with automated uniformed edge deletion ensures minimal handling.

AUTOMATED ARISING LINE/WASHER

Adjacent to the cutting table eliminating glass handling and use of barrows is our vertical automated compact grinding machine for edge seaming of glass sheets on all four sides in a fully automatic cycle.

TOUGHENING PLANT

Olympic Glass produces toughened glass for numerous applications, including windows, curtain walling, glass roofs, interior screens, balustrades, doors and low level panels. Our toughening plant has a bed size to accommodate larger glass 27.5mm x 36.5mm and incorporates a Pre-Quench operation which ensures toughened roller waves are minimised.



SPACER BAR BENDING

Our bending machine has a support platform at a 45° angle to manufacture spacer bars at any selected angle. It produces continuous spacer bar frames for longevity and incorporates internal markings for traceability.

ASSEMBLY LINE

After washing and drying, every piece of glass passes through our 'GPS.perfectscan' to identify faults such as scratches, enclosures, chips, breakages, coating defects, etc. At this point each piece of glass is photographed, image archived and bar coded.



The unit is produced with dual sealing for longevity. Incorporated in our assembly production line is an automatic gas-filling press. This enables us to press and gas-fill the unit to achieve an efficient, hermetically sealed product avoiding unsightly gas plugs. Our sealing robots measure the exact amount of sealant required for a consistent cavity fill.

DISPATCH

All products arriving in our dispatch department are scanned to secure traceability, stillage selection plus a batch recognition management report for customer retention. Our stillages are designed to minimize weight, maximize strength and give customer flexibility when unloading.

TRANSPORT

Free, fast and reliable glass delivery is achieved with our modern fleet of vehicles. Olympic Glass has invested in vehicle tracking for all its transportation. It allows us to use the current position of our driver to calculate a true estimated time for arrival of your order. We can even make real time tracking of your deliveries available to you via the internet.

Olympic Glass's continued investment ensures the highest standards of Quality and Service.