

# MANUFACTURING THE FUTURE OF ROAD SAFETY

Uniquely, Astra offers a “one stop shop” approach to commercial vehicle conversions, combining a wide range of chassis modification services with the expertise necessary to relocate and modify sophisticated exhaust systems. They manufacture specialised exhaust and emission control systems for heavy duty diesel vehicles for a wide range of both current and past production vehicles.

They are also an experienced and recognised supplier to all brands of commercial vehicles and an accredited quality partner to Mercedes Benz Truck and Bus UK.

**SUPPLIER:**  
MPM Bradford

**CLIENT:**  
Astra Vehicle Technologies

**PROJECT:**  
Astra ClearView windows - low - height passenger door windows

**RESULTS:**  
Exceptional Quality, excellent design advice



“Our ability to offer our clients this product has more than doubled since we have found MPM as our supplier. An amazing team, efficient, professional and exceptionally good at what they do.”

John Chadderton,  
Managing Director  
Astra Vehicle Technologies

With the business growing exponentially and their current supplier unable to cope with both quality and quantity – Astra went online to search for a new supplier. Having been advised that GRP was not the way forward, and that they needed to locate a Resin Transfer Moulding company, the search resulted in a conversation with MPM.

The product is a fascinating result of collaboration in the market, regarding the need to improve vehicle safety with a particular focus on cyclists and large vehicles.

Research initiated by Boris Johnson former Mayor of London, was completed by Loughborough University to identify and map the “Blind Spots” created by the current design of large HGVs.

Despite mirrors which provide kerbside and bumper views, Loughborough identified significant issues to the front and side view available to drivers from all larger HGVs. Whilst camera systems can be offered to provide the driver with full 360° views, concerns exist around driver overload. Astra therefore designed their “ClearView” product – a low level passenger door window capable of being retro fitted to any HGV.

Astra Vehicles are the only supplier in the market to be able to apply these windows and yet be able to retain the electrics of the passenger window.

Once Ben had challenged the need for the RTM method on this project and agreed that GRP hand-lay production was a way forward, Alan Godden (Technical Director) was fundamental to the development of the product for Astra Vehicles and for the vast improvement in the end product.

Exceptionally good at what they do

Professional advice that you can trust

Quality and quantity at last

“Our ability to offer our clients this product has more than doubled since we have found MPM as our supplier. We are able to confidently offer much improved lead times, whilst also actually improving the quality. The future is also bright as we get to know more about MPM’s capability, we are improving other products too. An amazing team, efficient, professional and exceptionally good at what they do.”

