

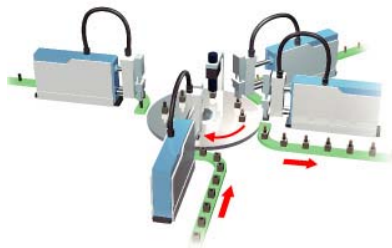
CPR Automation has been synonymous with factory automation for over 40 years experience and we pride ourselves in offering the right solutions to our customers. With our experience comes knowledge of many production processes and quality assurance methods for metal cutting equipment, assembly systems and test stands as well as a range of parts feeders.

Whatever your needs as an end-user or a machine builder the contact for more details on how we could work together

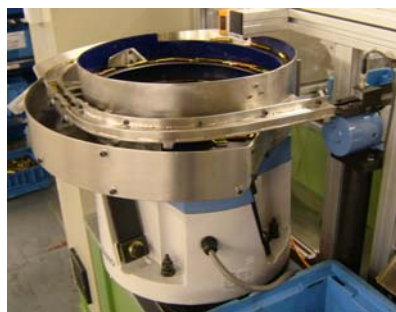
Defence projects on the increase at CPR.

The UK's security depends on the county's ability to counter any threat posed to it with the appropriate equipment and personnel and a new order won by CPR Automation for a machine to load/unload robot reduces the cost of maintaining this capability

The new machine allows unmanned operation of a machine tool – both during the existing day shift and extends operations well into the night – keeps costs low and output high.

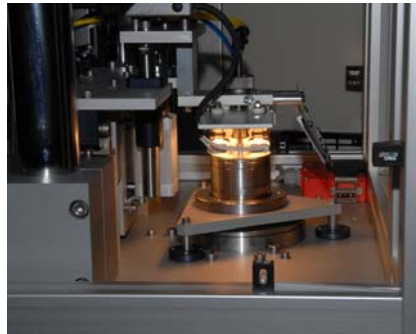


The robot loader may be built using a number of standard factory automation modules from CPR – including Yamaha industrial robots and CPR bowl feeders.



New Infra red welding and bonding technologies developed by CPR.

Infra red welding equipment from CPR has been enhanced by a new machine for deep well welding in plastics using nano technology IR lamps



The first application for this new lamp technology is to be in a machine for a filter assembly machine that will be used within a class 100,000 clean room... The new machine satisfies a demanding brief from the customer for a multi-function design capable of being used for; process development, pre-production sample manufacture and volume production – a tall order which was complicated by the short time available for machine manufacture.

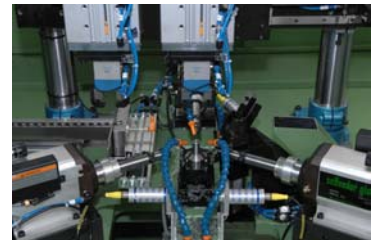
The new machine incorporates the latest nano-coating technology in the IR lamps to give greater service life, greater consistency of heating and greater machine uptimes when heating the filter components compared against conventional lamps.

Beating the Far East at low cost manufacture



Costs are lower and profits higher for a manufacturer of air fittings who selected a special purpose drilling machine from CPR against the alternative manufacturing philosophy of outsourcing product to the Far East.

With automatic parts storage, orientation and feeding on the new drilling machine there are next to no labour costs involved in the manufacturing process and the low price of the machine enabled the savings to be made in short order.



Fully automatic tool breakage detection equipment allows the drilling machine to run “lights out” for even greater savings.