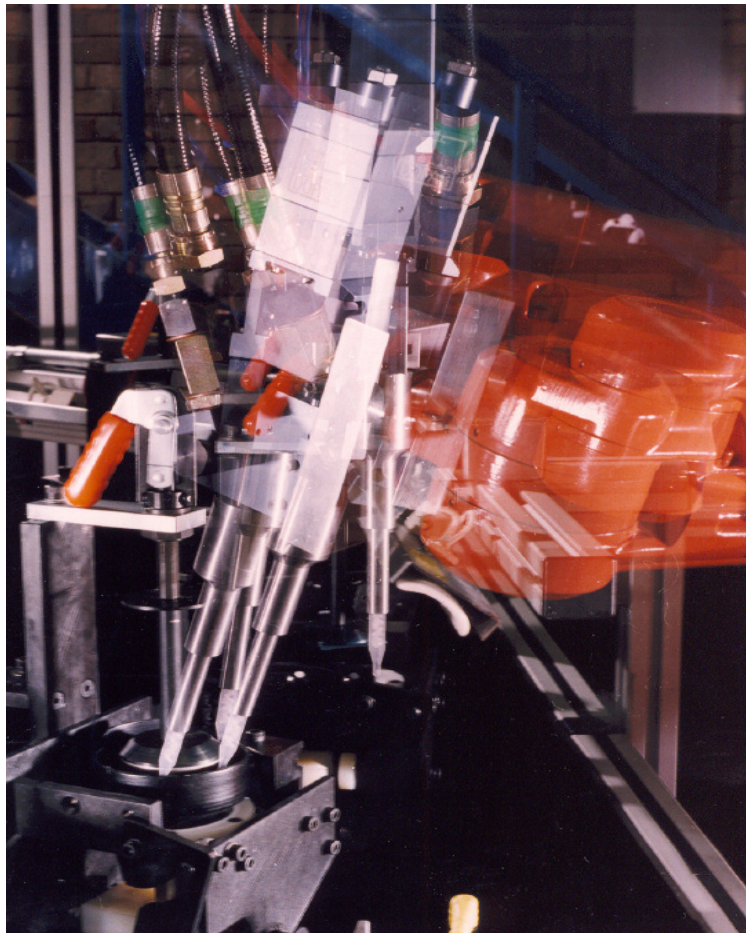




Automated Dispensing Systems



Hilger u. Kern/Dopag **Metering Technology**

Applying sealants, adhesives and greases automatically



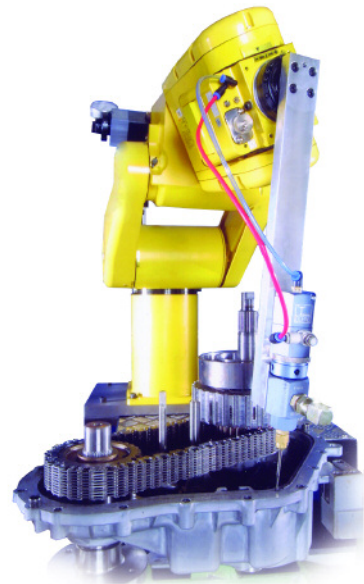
Six Axis Robots

Six axis robot cells can be provided either as stand-alone semi-automatic machines or as part of fully automated and integrated production lines.

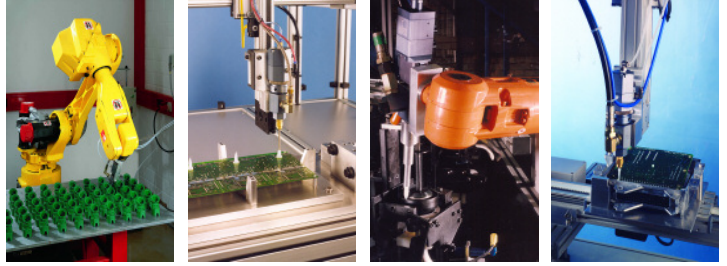
Used in more complex applications, such as when laying three dimensional multi-directional gaskets or where access is limited, this type of system affords the ultimate in flexibility, both in its superior reach and in its capacity to store many different programs with minimal changeover time.

When laying liquid gaskets, the bead profiles can be accurately controlled by utilising the unique DOPAG proportionally controlled dispensing valve, which will allow the robot to slow down or speed up as required, without affecting the diameter of the bead. Conversely, the valve can be programmed to lay beads of different diameters whilst the robot is moving at a constant speed.

DOPAG integrate dispensing systems with robots supplied by the leading robot manufacturers in the world, ensuring that our reputation for supplying systems of the highest quality endures.



DOPAG automated systems have the potential to substantially increase both productivity and product quality, whilst reducing production costs, whether the preferred solution is a simple stand-alone machine or a fully integrated robotic dispensing cell.



Two and Three Axis Robots

Two and three axis robots are a cost effective way of automatically applying sealants, greases and adhesives for moulding, bonding, potting or gasket laying applications of any size in two or three dimensional paths.

These machines can be integrated with any DOPAG single or plural component pumping or metering system to form a fully self-contained semi-automatic cell, capable of producing perfect quality products time after time.

Additional axis may be added if necessary for automatic component feeding.

Particularly “stringy” adhesives are assured of a clean cut-off every time, thanks to the DOPAG “snuffer” dispensing valve.



As one of the world’s leading manufacturers of metering, mixing and dispensing equipment, our success is built on a comprehensive understanding of the practical requirements of dispensing many types of fluids, such as epoxies, polyurethanes, silicones, polysulphides, acrylics, foams, oils and greases, which we are able to combine with the latest developments in robotic knowledge.

The Hilger u. Kern / Dopag group is one of the leading manufacturers of machines for metering and mixing systems in the world for plural component polymers and single component media such as greases, oils and pastes. For over 30 years the group has developed machines, systems and components to suit your individual needs.

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