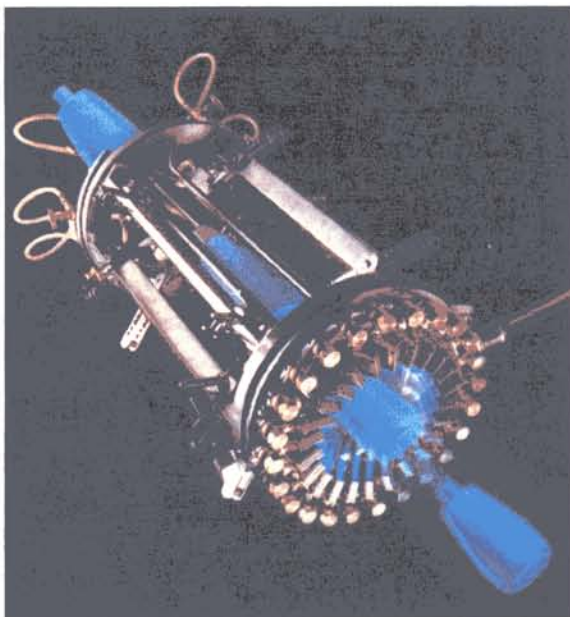
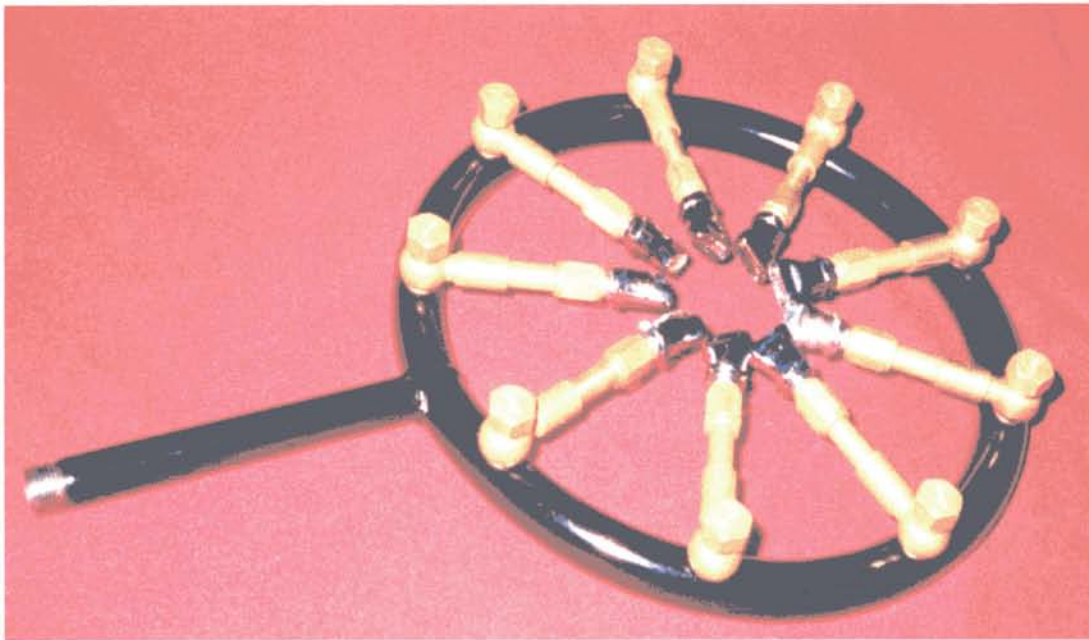


## Various Ring Of Burners

Below is a nine position Ring Burner (enclosed) using Fishtail burners



Opposite you can see a Ring Burner in position, this has twenty-four CBS Burners angled to give a wider spread of heat.

This shows the surface treatment of a plastic container prior to printing.

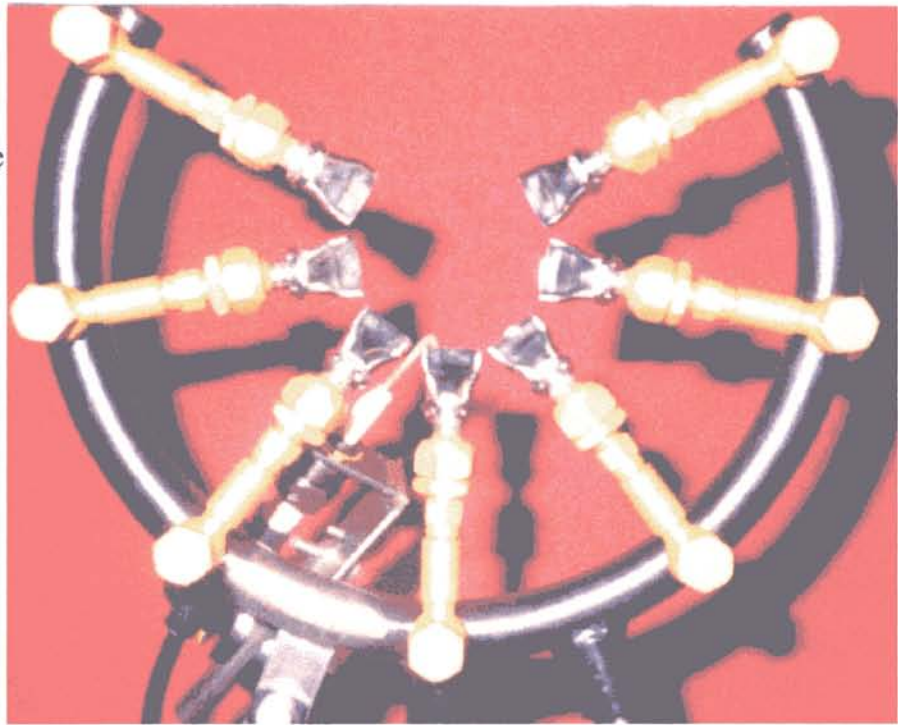


## Ring Of Burners With Spark Ignition

Below seven position Ring Burner (open) using Fishtail Burners

BFT offer a range of ring burners and precision controls for surface flame treatments.

Plastics such as polyethylene and polypropylene are regularly used for the manufacture of containers which need to be identified by printing or labelling. Treatment of the surface with a high intensity ring of flames without distortion, provides for efficient application of these identification processes. What ever the material that needs surface flaming, precise and safe control of the burners is essential.



BFT injectors and needle valves matched to the volumetric demands of the selected burners offer sensitive and safe control for ring flow flame settings of varying intensities.

Ring burners can be supplied with or without continual spark ignition (this operates as a flame sensor/failure device), with electrical control unit.

Ring configuration is dependant on customer and application requirements (i.e. fully enclosed or open to allow access).

### Fuel Gases

BFT ring burners are designed to operate on compressed air/gas-compressed air should be supplied to 20 – 50 psi, 1.4 – 3.5 kg/sq.cm. – gas at low pressure (0.25 psi) coal gas, natural gas (methane), propane, butane or any mixture of these gases.

### Burners

Various burners are used on these systems dependent on application, from a large spread heat source, to a smaller concentrated application of heat.