

Technical Specifications




Our rotary digital printer is designed to print superior quality full-colour images on straight-walled and tapered cylinders. Fast and flexible, this cylinder printing machine is ideal for use in the drink ware, bar ware, candle and industrial printing industries.

The Inks

Durable UV cured digital inks in     CMYK  White  Varnish

Capabilities

The machine can print on to most substrates, however due to the rotary aspect of the machine - the spec of the printable substrate is important.

 Diameter range	Minimum : 50mm Maximum: 114mm	The diameter is the measurement of the width at the widest part of your product
 Cylinder length	Minimum : 76mm Maximum: 220mm	The length is the product measured end to end after removing any lids etc
 Taper angle	Minimum : flat Maximum: 7°	The taper angle is the angle of the product - such as a tapered glass, this can be measured with a protractor

Due to the nature of the print process and achievable accuracy of the Orbit - there are a few parameters to ensure a perfect print every time. Below are examples of problematic drinkware which either cannot be printed or will affect the overall print quality. Please contact us if you are unsure your product meets our parameters.

Coverage

The machine has the capabilities to print a whole 360° and the choice is yours as to how much of your product you wish to cover. All coverage includes CMYK digital print, white and gloss varnish.



Logo

50mm square space for a logo, graphic or icon



Half round

A large full frontal print or half 360 print



Full 360

Complete all round print either pattern or solid

Substrates

Our rotary printer can print on to a huge variety of substrates including stainless steel, plastics and glass. We recommend you contact us regarding a new substrate for printing, as some may need new bespoke tooling or checked to ensure the parameters are met for our machine to achieve a perfect print for each product. NB: We cannot print on to silicone or soft touch finishes.

Fancy stuff

With some clever artwork - amazing results can be achieved, we offer a range of different effects within just one print rotation, including different levels of opacity using white, spot varnish layers as well as creating built up prints using many layers of ink! Please note some of these effects are not within our standard pricing - please enquire specifically about the effects.