Windmill Printing

Our Green Printing Policy

Revised September 2016

This is our policy in detail which we are always striving to enhance and expand.

Paper

- All paper board and packaging used meets our stringent environmental specifications and as a minimum these materials are ECF or TCF Elementally or Totally Chlorine free which is the kindest way to bleach the pulp.
- We actively encourage and promote the use of FSC (Forest Stewardship Council) Certified Paper 100% Recycled Paper or Paper containing an element of recycled fibre.

Reduce or avoid the use of Chemicals

- We use an inert water-based protective coating sealant on many of our products which is an eco-friendly alternative to polymer based coatings, "lithoseal" and plastic laminates.
- Our pre-press and plate production is completely Chemical free.
- Our inks are vegetable oil based specifically linseed oil as opposed to mineral oil.
- The removal of Isopropyl Alcohol (IPA) on all but one of our machines and use of vegetable ink has greatly reduced our emissions of VOCs Volatile Organic Compounds into the atmosphere. These VOCs are a major source of ozone pollution and their virtual elimination is a positive step.

Reduce and recycle waste

- We have reduced our unavoidable production waste of paper and chemicals by up to 85% and will continue to seek ways to further reduce such waste.
- We segregate, re-use and recycle all the paper waste produced in the course of printing.
- Waste paper and used aluminum printing plates are collected for recycling.

Legislation Compliance

• We are fully compliant with the Waste (Scotland) Regulations 2012 and waste is segregated and collected for recycling by licensed contractors.

Removing Cost Barriers

- We continue to remove the cost barriers that previously discouraged customers from adopting the use of environmentally friendly green printing.
- Our buying power enables us to purchase eco-friendly paper and materials at a lower cost than many printers pay for conventional alternatives.
- Introducing online ordering to reduce the cost of sale savings which are passed on to our customers.

Removing Quality Barriers

- We have eliminated the quality barriers that previously discouraged customers from adopting the use of recycled paper and eco-friendly materials.
- The vegetable oil based inks used on our printing presses deliver an increase in print quality over conventional mineral oil based in ks.
- Investment in the latest and most efficient equipment delivers a higher quality of printed product than the industry average.

Advice

• We assist our customers in making the best choice if they require an alternative to our standard products but still want their print to be as green as possible.

Commitment

 Environmental issues remain at the forefront of our decision making - we are committed to the environment and do our very best at all times to deliver truly eco-friendly green printing services.

