

J.G. Electronics c.c.

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RE: **Novelty printing systems**- **SYNOPSIS****July 2011**

As the future trend is towards very high quality, but low volume products, our systems are an excellent and innovative way of getting into this market early, enabling you to make good profits ! With our various **printing** systems you can print onto any **fabric, almost any ceramic, wood or metal surface, vinyl, poster, plastic, crystal, glass, button badges, plates, mugs, tiles etc.**

Unlike other conventional technologies, with our systems, you can produce 1x mug, tile, cap, T-shirt, waterbottle, pen etc. quickly, and cheaply, irrespective of the amount of colours in the job & complexity of the image, and with no setup costs.

We have been in this market since 1990, and the few products we don't manufacture locally, we import direct from the overseas manufacturers, and we also export to the rest of Africa.

[Everything in the next few pages has been extensively tried and tested !](#)

We were featured on SABC TV in – April 1998, in October 2000, and October 2004

With us you are not limited only to Mugs & T-shirts, but can also print onto:

* Plates	* Tiles	* Mirrors	* Caps	* Coasters	* Mouse Pads
* Ties	* Key rings	* Printed Metal	* Calendars	* Puzzles	* Printed Wood
* 3D Images	* Pens	* Crystals	* Corporate Gifts		* Jewelry Boxes
* Glasses	* Beer Mugs	* Murals	* Button Badges		* Namebadges

[Using our process means that you are limited only by your imagination !](#)

JG ELECTRONICS – Who are we ?

JG Electronics was founded by John Georgiou in 1990, and now **TWENTY ONE YEARS** later, we are not only still in business, but are going from strength to strength.

We have customers throughout Southern Africa, including all our neighboring states, North Africa, the Middle East, Portugal, Mauritius, Seychelles, Ireland and England.

What we don't manufacture directly, we import, so you're dealing with the "source".

All our systems are supplied with complete training videos, manuals, and ongoing support !

Why should you buy from us ?

Any monkey can sell you a printer, some inks, presses that have been made in their back yard, and tell you that you are now ready to make money, **BUT** it takes a professional to listen to your needs, advise you whether this business is indeed suitable for you, recommend the correct equipment for the job, and then be able to support the products you have purchased. We not only sell the equipment but we also do the printing, so we know what works and what doesn't.

We give you honest advice pertinent to your situation, even if it means not selling you anything at all !

While there are companies out there claiming to import "containers" full of stuff, we actually do – which means we always have **premium quality stock, at very competitive prices.**

For every system you buy, we give something back to the community – see page 3 for details.

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Kindly Note:

1. All prices exclude VAT at 14% We accept credit cards, cash and electronic transfers. Should you wish to pay by cheque, goods will be released as soon as the cheque is cleared by the bank.
2. Prices are quoted in South African Rands. Prices subject to change without notice.
3. See our web site at: www.jgelectronics.com for more information.
4. Our banking details: Standard Bank, The Glen (branch code 006005), Chq Account # 00-284-151-7

JG ELECTRONICS SOCIAL RESPONSIBILITY

At JG Electronics we are not just driven by profits, but also by a need to help change the world. To this end, for every system that our customers purchase, they are helping us in this effort, [without it costing them 1 cent more than they would otherwise pay.](#)

Though a world wide charity company B1G1 (see below), a percentage from the proceeds of each system we sell are forwarded to them to be channeled to fund education for an underprivileged child, or clean water, any number of projects right here in South Africa, (or anywhere in the world for that matter)

We have chosen to get involved with B1G1, as they are completely transparent and don't use the proceeds of the donations to fund their organization. They are funded by a separate yearly membership.

For more information please see their website at www.b1g1.com and read the document below. We urge you to get involved even if we don't do business together. You can also nominate a charity for them to support. Charities that are supported need to pass a rigorous auditing process to make sure funds are not swallowed up by admin cost, and actually go to the people being supported.

B1G1 Impact in 2010



- ▶ **599,698** people received access to clean water for a day
- ▶ **73,910** people received medical support
- ▶ **26,573** people received a nourishing meal
- ▶ **19,042** people received accommodation for a day
- ▶ **18,863** children in need received education support

- ▶ Total giving transactions 2010: **812,095**
- ▶ Total giving transactions to date: **1,412,081**

These are just examples. See more at www.b1g1.com

Because businesses have the

POWER

to change lives

B1G1® NEWS SEASON 1, 2011




Havoc and habit.

2011 began with major floods, earthquakes, mud slides, unrest. It's created massive upheaval for so many people.

And when 'disaster' strikes, there are always remarkable stories too. Stories of the human spirit, stories of heroic deeds, stories of communities coming together like never before. People suddenly finding out who their neighbours are.

They're all stories that in one way shape or form have two things in common — giving and acknowledgement of the reality that we're all connected, we're all ONE.

Yet how interesting is it that it takes 'disaster' to bring that out in us sometimes. And of course, it's one of the prime reasons that B1G1 does giving differently.

When 'disaster' strikes, we'll always advise you where to give effectively and we'll give with you too. But fundamentally, B1G1 giving is not a 'response' to anything. It's not ad-hoc. It's a habit — a habit born of gratitude and generosity.

So, while 1.4 Million people have been impacted by B1G1 around the world, the most important thing is that B1G1 businesses have been giving habitually all this time. It's precisely that mindset that propels us all with a sense of gratitude to realise just how connected we all are. Here's to even more recognition of that in 2011.



B1G1 (Buy1GIVE1)
www.b1g1.com
 ph +65 6898 2446 em info@b1g1.com



www.b1g1.com

[A Quick note about our Systems](#)

The information in the next few pages explains the different technologies available, as well as the advantages and disadvantages of each, costs, profits and markets that you can sell into. Once you have read it all, call us and we will suggest the appropriate system for your needs.

Visit our website to see new products, and explanations of how the image transfer systems work.

Types of Images Transfer Technology

INKJET

Standard inkjet printers when coupled with a heat transfer press (such as our A4 sized T-shirt press), make for affordable entry level image transfer systems. They are good for printing fabrics (with the correct transfer papers – which we stock), business cards, invitations and the like.

Advantages

Most affordable way of getting into this business. Better quality photo's than laser printers.

Disadvantages

Not as durable as Sublimation (but then again nothing is), and cannot print ceramics, metal, plastic – limited to fabrics and fabric items.

COLOUR LASER

Colour laser printers use similar technology to colour copiers, so are cheap to run (except the low cost lasers which have very high print costs), and are extremely reliable and quick.

Advantages

High Speed. Good Quality, transfer papers for fabrics are cheaper than those for inkjets. Can print fabrics, temporary tattoo papers, waterslide decals (decorative ceramics, candles, awards).

Disadvantages

Replacement toner cartridges can be expensive. Page yields for full colour work are low (especially on the cheap lasers), which means the print cost is high. Not as permanent as sublimation, and certain models don't work well with the transfer papers.



SUBLIMATION

Sublimation is by far the best technology in the world for image transfers. These systems use a modified Ricoh gel printer (certain models only), with a special sublimation ink.

Sublimation is used commercially to produce Ties, Soccer Jerseys (like the ones for Man United etc. that are sold in all the sports stores), Flags, Silk Scarves, Sweatbands, Soccer Mugs (Arsenal, Man United, Tottenham Hotspurs, Sports straps, Lycra Body suits, Nylon etc.



Advantages

You can transfer onto any coated surface, including Metal, Wood, plastic, Ceramics (mugs, tiles, plates etc). There is a huge variety of products which can be sublimated. AN entry level system which can print most surfaces costs under R 20,000 ! Transfers are superb – bright rich colours, with photo quality prints. Polyester t-shirt prints don't wash out. You are not limited to white shirts, but you can also sublimate onto most coloured shirts as well as, coated metals, woods and so on.



Disadvantages

All items have to be coated for sublimation to work (though we do sell spray coatings). Sublimation transfer systems are made for image transferring only and are not suitable for printing business cards, letterheads etc. **Only works with certain Ricoh printer models.**

U-PRINT DIGITAL DIRECT

This is a completely new type of printing system, made specifically for volume printing of promotional and corporate gifts. It's based on a laser process, with special chemicals.



Advantages

High Speed. Good Quality, works on most surfaces, even uncoated ones, full colour, low cost per print. Can also be used for dipping (3D decoration), is an excellent replacement for pad printing / rotary silkscreening, some flat silkscreening. Printed logo's are magnificent.

Disadvantages

Photographs done with this system are good, but are not as good as sublimated ones especially on skin tones, relatively high cost of entry-level system (around R 49,000). Cannot print onto fabrics (a basic sublimation system would need to be added for this functionality).

MUGGIT 3c BASIC – Versatile Sublimation system

The Muggit 3C systems are one of the best systems for sublimation in existence today.

This system comes standard with a high quality A4 printer, but an A3 printer is also available. To make a transfer, you print onto transfer paper, place the paper into the appropriate press, and within a few minutes you have a truly fantastic transfer!

Polyester Fabrics printed with this system, dye the fabric and will NEVER wash out.

WHAT CAN YOU PRINT WITH THIS SYSTEM ?

The list of items you can print onto (photo quality) is very long. Here are some of the items:

- Metals - including Name Badges, Clock Faces, CD Covers, Business card holders, awards, Travel Mugs, Thermos Flasks, Sports Bottles, Ladies Compact Mirrors, Keyrings and so on.....
- Ceramics – including mugs, tiles and plates (we stock over 50 different types)
- Plastics – including Puzzles, Fridge Magnets, Unisub Products, Clipboards, Award Plaques
- Fabrics – T-shirts of all types – both polyester (permanent print), and cotton (not permanent)

HOW MUCH MONEY CAN YOU MAKE ?? (ALL PRICES INCLUDE THE PRINT AND THE ITEM)

A **white mug** costs R 12.00 (complete) and sells for R 45 to R 75. A **colour change mug**, costs up to R 34.50 and sells for up to R 110 ! A **polyester T-shirt** costs R 33.50, and sells for around R 85.00 . A **cotton T-shirt**, will cost R 28.50, and can sell for R 65. **Plates** cost R 34.50, and sell R 75 or more.

WHAT MAKES THIS SYSTEM SO MUCH CHEAPER THAN THE OTHERS ?

This system is aimed at small businesses, (mostly home based), who do not intend to produce large volumes, and who are looking for an affordable solution which can be easily upgraded. By using a **combination Mug and Tshirt press**, coupled with a reliable sublimation printer, we have made the system more affordable. The only down side is that you cannot press mugs and Tshirts simultaneously.

A basic system includes:

- Ricoh Gel Printer (A4)
- Sublimation Inks (printer uses approx. 50% of 1st set to fill internal pipes)
- Muggit 7-in-1 T-shirt & Tile press (31 x 36cm platen)
- Muggit Full wrap around Mug Attachment **with multiple elements**
- Muggit Plate Attachment (for pressing plates)
- Sample pack of printed items (excellent for marketing yourself)
- Colour Profile for sublimation + Training Videos + Manuals
- Heat Tape + Scraper
- Advertising Poster + 100 x Full Colour A5 Marketing Leaflets
- Product Marketing CD (with pictures of all products on for you to show your customers)
- “Marketing & Running your own print business” guide



-For only R 16,995 + Vat = R 19,374.30

All items can also be purchased separately if required

MUGGIT 3C PRO – Professional, versatile **Sublimation system**



The Muggit 3C Pro system, is very similar to the basic, with the exception that:

- Instead of a single press with multiple attachments that cannot be used at the same time, this system includes a separate mug and a separate Tshirt press.
 - This system can handle larger volumes than the basic system.
 - The T-shirt press comes with a LIFETIME WARRANTY on the element.
- The printer has been chosen with reliability and speed in mind. It uses a special type of ink which is thicker than traditional ink. This printer doesn't block as easily as most sublimation systems do, and can be left unused for days and sometimes weeks without blocking.

We recommend purchasing an extra set of inks with the A4 system, as almost 50% of the 1st set goes to filling the ink pipes of the printer. The ink is not wasted, but the yield on the 1st set of cartridges is less than subsequent sets.

The Muggit 3C Pro system is a perfect stepping stone between the basic system and the larger industrial systems.

If you are intending to use the system in a shop or business environment, then the Muggit 3C Pro is the smallest system you should be looking at.

WHAT OTHER PRINTERS / PRINT OPTIONS CAN I GET ON THIS SYSTEM ?

You can also upgrade this system to one with a Larger printer (up to A0), faster printers, and also larger presses (We have T-shirt and Tile press up to 3m long – if you're feeling particularly wealthy...)

The Muggit 3C Pro system includes (presses and bulk systems from USA):

- **Ricoh Gel Printer (A4)**
- **Sublimation Inks (full set) –4 x Cartridges**
- **Geoknight JP-14 T-shirt press with LIFETIME WARRANTY on element***
- **Separate Muggit Full wrap around Mug Press**
- **Sample pack of printed items (excellent for marketing yourself)**
- **Colour Profile for sublimation + Training Videos + Manuals**
- **Starter pack of consumables (inc. Texprint sublimation paper, shirts, mugs)**
- **Advertising Poster + 500 x Professional Marketing Leaflets**
- **Product Marketing CD (with pictures of all products on for you to show your customers)**
- **“Marketing & Running your own print business” guide**



-For only R 22,485.43 + Vat = R 25,633.39

- **With the A3 Professional printer (Highly Recommended) + 60 x 40cm Clamshell Tshirt press (Korean) – R 28,685.43 + VAT = R 32,701.39**

MUGGIT 3C Lite – Ultra Low cost, entry level **Sublimation system**



The Muggit 3C Lite is a stripped down version of the 3C basic, and is targeted at those people who would like to start in the sublimation business, but have a very limited budget.

This system still includes the same reliable Ricoh printer we use on all our sublimation printers – we won't compromise on this.

In order to reduce the price, we've removed the Multifunction press, (which allows you to do Mugs and Plates in addition to flat items).

We've added two Mug clamps – which allows you to make mugs in your regular home oven. We have also removed the poster, marketing leaflets, and the

The Tshirt press we're using here is a low cost Korean / Chinese model that is 38 x 38cm, and perfect for all flat printing. Unlike some companies, we do hold spares of this press.

Print costs are exactly the same as the other Muggit 3C systems, and you can use the same papers and inks. There is no attachment for plates. If you need to do plates as well, we do have a plate puck kit available for R 1,500 + VAT.

The lite system includes:

- **Ricoh Gel Printer (A4)**
- **Sublimation Inks** (printer uses approx. 50% of 1st set to fill internal pipes)
- **Muggit Econo, Clamshell T-shirt & Tile press (38 x 38cm platen)**
- **Muggit Wrap around Mug Clamps x 2**
- **Colour Profile for sublimation + Training Videos + Manuals**
- **Heat Tape + Scraper**
- **Product Marketing CD** (with pictures of all products on for you to show your customers)
- **“Marketing & Running your own print business” guide**

-For only R 8,995 + Vat = R 11,394.30

MUGGIT 3D – INDUSTRIAL Sublimation system



The Muggit 3D is the Industrial version of the Muggit 3C System, and comes with all the bells and whistles that you will need to setup a professional high volume production business.

The Industrial System includes:

- **Ricoh Printer** (A3 Professional)
- **Sublimation Inks** (full set) (4 x Cartridges)
- **Econo Ink Technology** ensuring low maintenance
- **Geoknight Combo T-shirt press** with LIFETIME WARRANTY*
- **Geoknight Cap attachment** for Combo Press
- **Muggit Professional Full wrap around Mug Press** with 4 elements
- **Geoknight / Muggit Plate Press**
- **10 x Mug Clamps** for high volume mug production
- **Sample pack of printed items** (excellent for marketing yourself)
- **JGE Colour Profile** for sublimation + **Advertising Poster**
- A3 sheets of **TexprintXP-HR** Sublimation paper + Paper for Dark & Light Shirts
- A3 sheets of sticker paper
- **1 x Box** of white Mugs + **1 x Box** of Assorted Colour change Mugs
- **10 x Coated Plates** + Stands (assorted)
- **Training Videos** (on CD) + Training Manuals
- **Vinyl Cutter** for Videoflex Transfers onto Fabrics + assorted colours transfer vinyl
- **Assorted Printable Tiles** + 1,000 x Professionally printed double-sided A5 marketing leaflets
- **Product Marketing CD** (with pictures of all products on for you to show your customers)
- **“Marketing & Running your own print business”** guide



-For only R 56,051.45 + Vat = R 63,898.65

This equipment is designed for professional use, and gives excellent quality coupled with a low cost per print and low maintenance.

If you are wanting to produce volumes of corporate jobs, then this system is well worth the money !

U-PRINT-Pro – CORPORATE GIFT SYSTEM

This system is NOT a sublimation system. It's something completely unique, and perfectly suited for customers whose main focus, will be corporate gifts. The process which was developed locally in South Africa, is patented worldwide, and does not use any heat presses, but rather a chemical process to bind the print to the substrate.

For this reason, it's not suitable for fabrics, but rather non porous rigid or semi-rigid substrates. Basically anything which can either be rolled, or which has a flattish area to receive the print, can be printed. **You do not need specially coated substrates with this system.**

This system can do a full colour wrap around print in quantities as low as 1 unit, in seconds ! While this system is ideally suited for light and white items, to print a black item, merely paint the area to be decorated with white paint, and decorate – it's that easy.

Balls of all types (including, Golf, Soccer, Rugby), as well as plastic items (rulers, sports bottles, calculators, rulers, pens and so on), metal items (travel mugs, thermos flasks, pens, rulers etc), glass, crystal and ceramics can all easily be decorated with this system, as well as wooden items. **Until the advent of this process, many of these products could only be pad printed or silkscreened, and it nearly impossible to produce full colour, photo quality work with these technologies.**

The way this system works is as follows:

1. You generate your artwork on the PC in Photoshop or Coreldraw (we prefer coreldraw at it's easy to make templates which can be re-used).
2. The artwork is then printed onto a special application paper with the supplied printer.
3. The item to be decorated is then taken and a chemical activator (supplied) is applied in the supplied spray both. There's no rocket science here, and the technique is simple to master.
4. You "feel" the activator with a finger until it feels tacky – there's no need to re-spray the areas touched.
5. The item is now taken and put on the applicator table, and rolled / pressed against the printed sheet. The print now leaves the paper and adheres to the item as per the images below.



6. If you're happy with the print, now apply the fusing chemical (also by spraying), and the image is fixed. It's now dry to the touch, but needs approx. 2 minutes to cure before packing.
7. Ceramic and metal items should be further cured with heat (a heat gun will do the trick).
8. If you're not happy with the print, merely rub it off with a cloth (before applying the fusing chemical), and start the process again.

It really is this simple !

While photographs done with this system are really very good, they are not quite as tone accurate nor do they have the continuous tone that sublimated photographs have. This means that professional photographers may not be happy with them. A basic sublimation system can be added for this type of work and also for fabric printing.

For everything else though, this system is absolutely amazing. Mugs done with this process can be the basic uncoated type which can be purchased for under R 6.00 each. This process is dishwasher safe.

When you buy this system, it's not just a straight equipment purchase, but you are actually purchasing the process, and the license to use it. Consumables purchased for this system go towards covering the annual license fee. Furthermore you will be contractually bound to giving us page counts of your printer, and will have to purchase our specialized paper and inks for this process. **You will need a compressor (even a small 50 Liter is fine) for this system. This is not included.**



All the items above (and more) can be printed with this system

The equipment includes:

- A spray booth with extractor fan + tubing
- 2 spray guns with tubing
- Applicator Table with precision control
- Printer with starter pack of toner (A4)
- Starter pack of chemicals
- Start pack of print papers
- Sample pack of printed items (excellent for marketing)
- Instruction Manual + license

R 79,950 + VAT = R 91,143

- **With Optional Dipping tank – R 91,350 + VAT = R 104,139**
- **With Optional Professional Dipping Tank + A3 printer – R 136,500 + VAT = R 155,610**

U-PRINT-Lite – CORPORATE GIFT SYSTEM

The U-print Lite is an entry level version of the U-print Pro system, perfectly suited for smaller operations and for people who would like to use this technology but can't justify the price of the Pro system.

This system is also ideal for people who want to product product from a shop or flea market environment, or a small room of their house. This system which uses a mini compressor and spray booth, coupled with a manual (no electronics) applicator machine, makes it portable enough to be used onsite at various events and functions.

Quality produced with both systems is the same, although this system cannot do the higher volumes or larger products which the Pro system can do.

It's the perfect entry level machine for corporate gift printing, and the fact that the applicator table uses no computers or electronics, also makes it idea for use up in Africa. **You may need a heat gun or heat lamps to cure some of the products. These are not included with the system.**



The equipment includes:

- A mini spray booth with extractor fan + mini compressor
- 1 spray gun + 1 airbrush
- Manual Applicator Table
- Printer with starter pack of toner (A4)
- Starter pack of chemicals + print papers
- Instruction Manual + license

R 49,000 + VAT = R 55,860

3D DIPPING TECHNOLOGY

3D Dipping Technology (also known as water transfer printing) is the process used to decorate 3-Dimensional objects, such as automotive parts, including bike petrol tanks, wheel rims, gear levers, steering wheels, car dashboards – the wood grain on cars these days is not real wood, but wood printed aluminium with a resin coating, done with this process.

Almost any rigid surface can be decorated, including models, computer mice, and keyboards, cellphones, lightswitch covers, game controllers, shoes, hard hats, helmets, side mirrors, vuvzela's, and so on. The possibilities are endless.



Until the advent of our process, it was not possible to print your own design. Companies providing this service had to buy from an existing library of designs, and usually had to buy hundreds of meters of film with that design on it – yet with our system, you can print 1 design.

How our process works

1. Take the special transfer paper used in the above process, and adhere the special water film to it (supplied with the system)
2. Print your design onto this paper & film with the supplied printer.
3. Apply the activator spray to the item to be dipped & the printed film.
4. Remove the film from the paper backing, and gently place into the water in the dipping tank.
5. Gently push the item to be decorated into the tank, pushing onto the printing film.
6. The film surrounds and sticks to the item.
7. Gently wash excess print off the item, and apply the a top coat.
8. Let the item dry.

This system is available with either an A4 printer and smaller dip tank (to cut costs) or an A3 printer with the larger dip tank (recommended).

The A4 printer is too small for some of the more commonly decorated items such as crash helmet, motorbike fairings, petrol tanks, car dashboards, computer speakers and so on, so we recommend that anyone looking at this system look at the A3 system.

Although more expensive, with the A3 printer and some clever rip software (optional extra), you can print up to 1m long x 30cm wide, which is big enough for many applications.

This system is excellent for use by people who are artistic, as a design no longer needs to be hand drawn on an item, it can be computer scanned and printed, and then supplemented with sprayed graphics.

Once an item is decorated, for outdoor use, it can be coated with an automotive coating to give it increased UV stability and longevity.

The U-PRINT DIPPING SYSTEM includes:

- A spray booth with extractor fan + tubing
- 2 spray guns with tubing
- Printer with starter pack of toner
- Starter pack of chemicals
- Dipping Tank with recirculating water, heater and filter
- Starter pack of print papers and dipping film
- Sample pack of printed items (excellent for marketing)
- Instruction Manual + license

A4 Unit – R 67,200 + VAT

A3 Unit (also includes larger dipping tank) R 109,200 + VAT

This systems needs a small compressor (even a 50L will do), and is best run from light industrial premises. You cannot use this system in a shop or flea market environment, though you should be able to run it from an outside room or garage of your house.



Memory sticks as above have been printed with the U-print system

NOW WHAT ?

After reading all the info, many people ask –

What else do I need ?

what are my options ?

What about the computer ?

The answers are below:

On the Sublimation systems, why are you using Ricoh printers and not Epson ?

Up until mid 2009, Epson has been the brand that everyone in the sublimation market has been **forced** to use, as the sublimation inks did not work on any other brand of inkjet printer.

Epson has **not** embraced the sublimation market, and has made life very difficult for anyone wanting to use an Epson for sublimation use. They refuse to supply spare parts, repair manuals, maintenance software, and in many cases will not repair a printer (even if the customer is prepared to pay for the repair) if they see that sublimation ink has been used.

Added to this, the nozzles on the print head of any Epson desktop printer used for sublimation, tend to get blocked very easily if the printer is not used daily. If the printer is not used for some weeks, the blockage can be so severe that the heads may never be unblocked and the printer has to be replaced.

What makes the Ricoh Different ?



The Ricoh is a much more solidly built printer than many of the Epson desktop models used for sublimation. It is also much faster (can print 5 pages in the same time an average Epson takes to print 1 page), and is made to do more prints per month (higher duty cycle). It uses a completely different type of ink technology. The ink is basically a gel or type of paste, which doesn't dry on the heads if the printer is not used daily. With this printer, you can safely go on holiday and come back without having to deal with severe head blockages on your return.

Added to this, Ricoh is giving JG Electronics support and spares on this unit, and our tech support on this unit is 90% down compared to the Epson.

This printer uses pre-filled cartridges, and thus no messy inks or bulk systems are needed.

Disadvantages of Dirt Cheap Presses / Sublimation systems

1. In order to cut costs, the mechanical assemblies of these presses are light sheet metal, thus, they tend to wear out extremely quickly.
2. Parts are not readily available for repairs, so the amount of money you may save on the initial purchase is quickly lost when your production stops while waiting for repairs.
3. To keep the price of the system down, low end Epson printers are used which are not rated to print the kind of volumes a print business requires. This results in a very frustrating experience, and the no 1 cause of people giving up on this business.

We do not recommend the low cost heat presses or sublimation systems, as if you buy junk, your long term chances of success are limited.

I CAN BUY A CHEAPER SYSTEM – WHY SHOULD I BUY FROM YOU ?

Our long term success is directly linked to the long term success of our customers. We rely on our bread and butter to come from customers buying consumables, and that will not happen if their equipment breaks and cannot be repaired, because there are no spares available or the supplier of the equipment didn't make enough money out of the sale to provide ongoing technical service.

Compare what we offer to everyone else in the market, and then make an informed choice. Look at the complete package we offer and not just the price of equipment.

- To save money most companies supply you with a low cost Epson printer, which will block in the long run. We use Ricoh, which is more expensive, but **much more reliable**.
- We keep spares on-hand to repair our equipment, even after the warranty has expired.
- We are the local agents for the items we sell, and as such we honour the warranty.
- We provide Training Manuals, Training Videos and personal training (at our offices).
- We provide a business guide, marketing materials, and we pass leads to our customers.
- We have the widest range of consumables in Southern Africa.
- We sell products based on their reliability and not the amount of profit we can make.
- **We have been in business for 21 years now, and our track record speaks for itself.**
- We provide ongoing support and not just the promise of support.
- We constantly strive to further improve our systems and processes, so that you have access to the most up to date and cost effect processes available.

SAMPLE PACKS (highly recommended) – **included with Muggit & U-print - print systems**

We understand that it's not always possible to predict what your customers will want, and also that it's not practical for you to purchase every piece of equipment and every single different imprintable item, on the off chance that your customers will want a particular item, so for this reason we strongly recommend that you purchase a sample pack of products with your system.

The sample pack costs R 499 + VAT and includes a selection of popular products which we sell daily, **ALREADY PRINTED !**

You can thus show these products to your potential customers, while still getting the hang of your system, and can then order the products that your customers want.

SOME EXAMPLES OF PRINTED PRODUCTS (Not specifically the items in the sample pack)

MUGGIT 30
2005 COMRADES WINNER
Happy Birthday
Thirsty!
IT'S ONLY NATURAL

Award Plaques
Musical Mug (Happy Birthday)
GLASS Cutting Boards, Clocks & Deskpads
Wooden & Rubber Coasters

Steel Travel Mugs
Colour Change Coffee Mugs
Glass Mugs
White & 2-Tone Mugs

TILE MURAL
Jewelry Box
HOT COLD

Metal & Glass Clocks
Metal Badges
Long / Short Tshirts & Golf Shirts
CERAMIC TILES + Wooden Frames

Wall Hangers
Plates
Beer Steins
Baby Bibs
Animal Handle Mugs
Wooden Lighswitch Covers
MicroFiber Shirts

Which system is best for me ?

If you need to produce the mugs, tiles, T-shirts on the spot **while the customer is waiting**, you will need the Muggit 3C Pro sublimation system, or the 3C Basic system + possibly an extra press depending on volume.

If you are going to produce volumes of corporate gifts, then the U-print DDT system is the best one for you, but be advised that should you also wish to print on fabrics (tshirts, mousepads, wallets etc), then a sublimation system will also be required.

If you want to produce both corporate gifts in volume onto any substrate and photo quality personal gifts, then the Uprint system with a Muggit 3C basic is what you want.

If you are not sure of your market and want the most affordable system, look at either just the Muggit 3C Basic or the Muggit 3C Pro if you need higher volumes.

If you need **maximum versatility, high speed production , and ability to produce high volume orders**, of photo quality work (for example for schools, photo shops etc), then the Muggit 3D industrial sublimation system is ideal for you.

If you are planning on using your system in a shop environment or flea market environment, then the Muggit 3C Pro or Muggit 3D are the wisest choice. If you will be working from home, then the 3C Basic is perfect.

If you want to print corporate gifts and have the U-print system in mind, but also want to be able to decorate crystals, the U-print system can print the crystals as well and you don't need buy a separate crystal system. You will however still need a UV curing unit + UV glue to glue the crystals onto their bases..

If you want to decorate 3D objects, then the 3D dipping system is the right system for you.

Please bear in mind though, that neither the 3D Dipping system, nor the U-print system are suitable for use in a shop or flea market environment – these need light industrial type premises.

I am unsure about whether this printing idea will work for me – how do I test the market ?

The best way to test the market if you are unsure about whether Novelty printing will work for you in your area, is to purchase a sample pack.

For an investment of just R 499 + VAT, you will get one of each of the more popular products, **ALREADY PROFESSIONALLY PRINTED.**

You can then take these samples, and show them to your target market, and base your buying decision on the response you get from your target market.

Please specify if you want the muggit sample pack or the u-print system sample pack. The muggit one has a lot of high quality photo's, whereas the u-print system is corporate gifts with more logo's than photo's.

Do I have to purchase a complete system ?

Not at all ! You can buy as few or as many items as you want (with the exception of the u-print system). You may want to only purchase transfer paper and iron it on at home or just a printer or just a press. If you don't know what to do and want some advice, call us.

I have just enough money for the system – how many consumables do I get with it ?

As we do not want to restrict you, we do not burden the printing system with a glut of consumables which you may not need. For this reason, the printing systems come with just enough consumables for you to tinker around a bit.

As consumables are the heart of any business venture, we urge you to allocate around R 2500 of your budget to purchasing consumables (even if you don't purchase them immediately). If your budget does not allow you enough leeway to purchase a system plus consumables, rather reduce the amount of equipment you are purchasing and use that money for consumables instead.

What if I have a query / problem long after I have purchased my equipment ?

Remember, that your success is our success (as we make our money little by little over a long period on the consumables), so if you have a problem, please call / email us, so we can solve it for you. Please note that we cannot give support on products or equipment not purchased from ourselves though.

Why should I purchase from JG Electronics ?

Well, we have a proven track record of 21 years. The equipment we sell is fully guaranteed and tested. Unlike many other companies, we not only sell the systems, but use them ourselves, so you are assured of getting a working and reliable product.. As we rely on the sales of consumables to make our money, we constantly innovate and release new products which you can sell profitably. We also make sure that equipment purchased from us works, and that you know how to use it.

I am not sure which system I want, can I come in and look at the different options ?

Absolutely, you are not only more than welcome to come in, but we highly recommend it before you spend any money.

You will sit down with one of our trained sales staff, and discuss your application. You will then be given advice on which system best suits your needs, and the equipment will also be shown to you.

I see you sell transfer vinyl, but I see there is cheaper transfer vinyl on the market – why ?

When it comes to transfer vinyl, there are two basic type, PVC and Polyurethane.

PVC is the original transfer vinyl which was initially manufactured 15 years ago. Polyurethane is the newer type (and the more expensive one).

PVC is thicker and not as durable as the much more durable polyurethane variety, nor can it be ironed.

The polyurethane is also easier to weed, and better suited to cutting fine detailed artwork.

SUBLIMATION PAPER – BEWARE !

Every different paper you use for sublimation will give you slightly different colours.

For this reason we recommend that you stick to one brand of paper. Usually if you get

Offered sublimation paper for a price that's too good to be true, then it is too good to be true.

There are only a few major brands of sublimation paper, and the rest of the paper being used for sublimation is not sublimation paper at all.

Many customer complaints of "bad transfers", "terrible colours" etc. can be traced to bad paper.

We recommend TexprintXP-HR paper (made in the USA) for best results.

NOVELTY PRINTING SOFTWARE (Highly recommended for novices)

Printing Software (or lack of it) is one of the biggest challenges to Novelty printing.

Software that does everything, (like Photoshop / Coreldraw) is very difficult to master. Then once you've mastered it (if ever), you find that only you can operate the system, or you need to hire "expensive" graphics people to work the system as no one else can get it right.

Software packages that are affordable (or come free with your printer, scanner, Windows etc) are generally free or cheap because they are useless, and not versatile enough.

Few software packages on the market support colour matching (critical for sublimation).

Novelty 8, which is made specifically for sublimation and is extremely easy to use.

Novelty 8 Pro does everything Novelty 8 does, but also allows you to make tile murals.

This software is excellent value for money, and can be used by ANYONE - regardless of computer experience!

You select the item you want to print from a list, and the software does everything - works out the size of the print, allows you to add text (even wrapping text round an arc), manipulate the image, and even print more than 1 image on the page - all within a very simple interface.

This software supports colour matching , and also keeps a count of how many pages are printed with it (which is great for checking up if staff are being honest when reporting their sales for the week).

Below are some screen shots of the software.

NOVELTY 8 IS PERFECT FOR PEOPLE WITH LITTLE OR NO COMPUTER EXPERIENCE.



WITH NOVELTY 8 YOU CAN PRODUCE ALMOST ANY ITEM, EVEN IF YOU'VE NEVER USED A COMPUTER BEFORE !

NOVELTY 8 = R 2,495 + VAT

NOVELTY 8 PRO = R 3,495 + VAT

The Pro Version also does tile Murals.

CORELDRAW LITE™ (EXCELLENT –FOR USERS WHO HAVE USED A COMPUTER BEFORE)

Transform ideas
into professional results!



CorelDRAW™ X3
GRAPHICS SUITE

Illustrate Photo-Edit Trace Layout

CorelDRAW™ X3
GRAPHICS SUITE

CorelDRAW® Graphics Suite X3 simplifies the design process for projects of any scale, from logo creation and Web graphics to multipage marketing brochures and eye-catching signs. With powerful bitmap-to-vector tracing, helpful new learning tools, and enhanced illustration, page layout, and photo-editing features, CorelDRAW Graphics Suite X3 delivers a combination of superior design capabilities, speed, ease-of-use, and affordability that's unmatched in the graphics software industry.

Illustrate – It's about Productivity

- New! Drawing tools - Star, Complex Star and Crop
- New! Bevel effects to graphic and text

Trace – It's about Accuracy

- New! Integrated bitmap-to-vector tracing with Corel® PowerTRACE
- New! Color extension palette to ensure control over your color results
- New! Traced image preview options eliminate errors

Photo Editing – It's about Efficiency

- New! Image Adjustment Lab for streamlined photo editing
- New! Spot color channel support
- Enhanced! Image-Cutout Lab

Layout – It's about Quality Results

- New! Text formatting tools & dockers
- New! Support for password-protected PDFs
- Enhanced! Overprinting preview & spot color support

Plus – New Learning tools and Professional content

- New! Learning tools – Hints window, insights from the Experts handbook, Highlight What's New command
- Enhanced! Professional content – 10,000 individually selected images, 1,000 OpenType® fonts, and 35 WGL4 fonts

www.corel.com/cdgsx3



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The Coreldraw™ **LITE** bundle includes Coreldraw SE™, & Corel Photopaint™ and offers the very good value for money.

This bundle offers many of the same features as Adobe Elements, plus a whole lot more.

The templates which we give you for the printing, crystal embedding, and also for the doming systems are much easier and more accurate to use with Coreldraw than with any other package.

You can also place more than 1 graphic, irrespective of the resolution on the same page in Coreldraw – something that cannot be done with of the other packages we support.

If you at some point wish to use a vinyl cutter (either to make signs, or for Tshirt printing), then you can cut from Coreldraw™ itself. **You cannot however trace from this version (Coreldraw Lite).**

Coreldraw™ is the one program which almost everyone in the signage industry uses, due to it's extreme versatility.

Should you at some point which to do photo-blasting, then again, you would use Coreldraw™

We strongly recommend going for some Coreldraw training (we can recommend a tutor), if you have never used Coreldraw before.

Pricing is just R 995 + VAT

EXAMPLES OF SOME GREAT PRODUCTS THAT OUR SYSTEMS CAN PRINT



As you can see, the range is vast, from glass cutting boards, to clocks, to crystals, to animal keyrings (see the springbok & lion above), to soccer balls, to lip ice to pens, metal keyrings, which are excellent for game ranches, curio shops, corporate gifts, kiddie gifts, sports clubs, corporates etc. We also have a hanging Monkey, Teddy Bears, A Polar Bear, a Large Giraffe, A Lamb, a Soccer player, a Rugby player, a Hippo and other animals. You print on the mini shirt.

We also have Balloons which can be printed on ANY inkjet printer !
No special equipment required !

T-SHIRT PRESSES

The most common sizes of T-shirt presses that we sell, the A4, A3 and A2. There are larger presses as well, and we can provide them on special order. Our best presses are sourced from **Geoknight** in the **USA**, and all of them carry a **LIFETIME WARRANTY** on the Element !

As the T-shirt press is essentially the guts of the system – buying a great press from a reputable manufacturer, can mean the difference between a successful venture, and failure.

We can also supply you with Korean presses which are much cheaper than the American ones, and although they are reliable, they are not as durable as the American ones (over many years of use).

Geoknight Combo Press

This is by far the best press that we have ever come across, and is the type of press that we personally use. The combo press is a swing-away press, very much like the A4, and as it comes straight down onto the item to be pressed, it's easier to get great results with this type of press than with any other type.

The combo press is made to take severe punishment, and is highly recommended for high volume industrial use.

The combo press that we use is over 10 years old, and works just as well as it did when it was brand new. If your budget allows for it, then this press should be seriously considered.

This press costs R 12,995 + VAT by itself, and can be added (upgrade) onto any of our systems.

Just by adding different attachments, the press can also be used as a Cap Press (the Cap attachment costs R 3,495 + VAT)

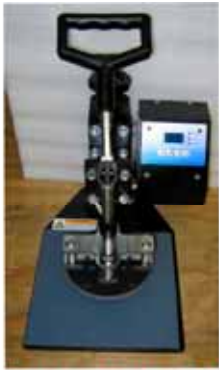


Plate Puck Kit

Plates with Photo's on them are one of the most sought after printed items.

If you are NOT planning on producing a large quantity of printed plates, then our **PLATE PUCK KIT**, will be perfect for you. With this kit, plates can now be made with a standard **T-shirt press**. There are 2 sizes – 1 for for side plates (R 1452 + VAT) and 1 for dinner plates (R 1710 + VAT). The kit comes with the puck, 5 plates + stands for the plates.





Press Plate D

Plate Press

If you intend to work in a production environment, or will be working from a shop, then you will need a dedicated plate press, so that you no longer have to tie up your Tshirt press for the 6 minutes that it takes to press a plate (thus allowing you to do other jobs with the Tshirt press).

A plate press costs R 4,495 + VAT



VINYL CUTTER (Starting from R 6,395 + VAT)

A vinyl cutter is an indispensable part of any print business. **For this reason we only sell Roland and not the cheap chinese units.** With the vinyl cutter, you are not only able to expand your business by producing custom signage, but you are also able to “print” letters, numbers and simple logos onto all manner of fabrics (such as T-shirts, overalls, soccer jerseys) as well as using the vinyl cutter for sandblasting.

There is a special vinyl available (in standard colours and some metallics), which transfers with the heat press onto things like overalls, t-shirts, jackets, kit bags and so on. This vinyl is commonly called **Poli-Flex™**. **We stock a large quantity of this product**

When you print onto dark shirts, the ink of the printer is transparent, so you wouldn't see anything on the shirt, so what we do is print onto opaque paper (which is basically a white material), and then press this opaque paper onto the shirt.

In this example, we want to print a yellow shark onto a dark blue shirt. The image on the left shows what happens when we use the opaque paper. We end up with a white square block (the paper) with the image in it, essentially “Stuck” onto the shirt.

The Image in the middle shows how we can use a pair of scissors to cut around the outside of the image, to remove the areas of white, to give us a more natural looking image, but we still have the problem of the white inside the image.

The image on the right, shows how with a vinyl cutter, you can cut both the outside, and the inside of the image to remove unwanted areas of white. This is a far better result.

Uncut, Just Applied



Paper cut with scissors around edges



Paper cut with vinyl cutter





CAP PRESS

CAP PRESS – R 7,495 + VAT

As you can see from the Picture, the cap press is a device that presses images onto caps. It can accommodate a variety of different Cap styles, including European, American, and South African.

This press is a great addition to any print system, and increases the versatility of your business.

There is a LIFETIME WARRANTY on the Heat Element of the press !

We can also source cheap Chinese presses for you, but although much cheaper, they are nowhere near as reliable, and will not last for years like this American unit will.

MUG CLAMPS

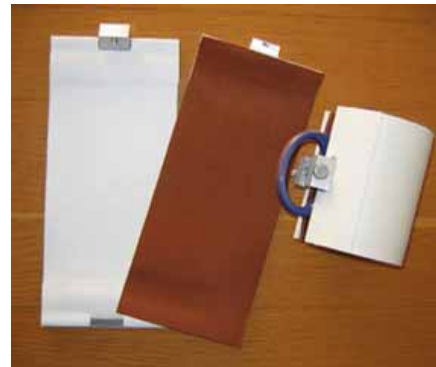
What do you do if you have to produce say 200 or more mugs in a day ?

You could use the mug press, but at 4 minutes to produce 1 mug, it would take forever.

The only solution for high volume mug production is to use MUG CLAMPS.

You wrap the print round the mug, put the clamp on, and then put the mug into a STANDARD household oven for 9-14 minutes (depending on the oven).

You can fit 10-15 mugs into the oven at a time.



You will also need the professional mug press (shown above) for the best results, as sometimes when a mug comes out of the oven the transfer may not be 100%. Under normal circumstances, this mug would be a reject, but if you have a mug press, you can then put this mug into the mug press for 2 minutes, and the press would fix it.

Ideally you should have double the amount of clamps that will fit into your oven (so while the 1st lot are cooking, you can prepare the 2nd set)

Mug Clamps are R 269.00 + VAT each (USA) / R 199 + VAT (Chinese but good Chinese)

We do also have mug clamps ,for other products such as soup bowls, tot glasses etc.

Different Mug Grades – which should I buy ?

I see you have 3 different grades of white mugs, which grade I should use ?

This will depend largely on your budget, your customer, and your application. Here is an explanation of the different grades and their uses.

1. **DISHWASHER SAFE** – This is an Premium-Grade Mug coated with the ORCA coating. This coating is without a doubt, one of the best coatings in the world. It is dishwasher SAFE, and is best used for discerning customers. It's also the most expensive of the white coated mugs.
2. **MUGGIT Premium Grade** (denoted by just the word MUGGIT PREMIUM on the bottom of the mug) – this is the same mug as above, but the coating is DISHWASHER RESISTANT, which means that in high temperature dishwashers you will notice a marked degradation in image quality after the 1st 5 washes. This mug is best handwashed, and is recommended for all but the most discerning of clients.

There are some local companies who sell mugs, and call them “Premium”, where as in fact they are **not premium quality**. These mugs are usually quite cheap, and either have coatings which flake off after just a few washes, or which have so many “pimples” on the mug surface that the finished mug looks rubbish (see photo below). **A cheap mug usually has a rough inner surface.**

Be extremely careful when choosing mugs to use for your project, as if the customer finds their print peeling off the mug, you are unlikely to get another job from them.



When purchasing sublimation consumables, look for the name “**MUGGIT**” and the Muggit logo on them. This name indicates a quality product from a quality supplier. We are the master distributor of Muggit in Southern Africa. If you have any doubts about what your supplier is providing – call us.



Muggit Logo (from Nov 2009)

DIY SUBLIMATION COATING

COAT ANYTHING YOU LIKE AND SUBLIMATE IT!

HIGH QUALITY, MULTI-PURPOSE RECEPTIVE COATING FOR USE ON VIRTUALLY ANY SURFACE



Sometimes you will have customers who want you to sublimate on something which they have, or you may want to sublimate onto a product which we do not stock.

In the past, you would be unable to help your customer, but with the **NEW** DIY sublimation coating process, you can now coat pretty much anything – including wood, metal, leather, fabric, plastic, ceramics, glass, crystal, marble, granite, stone, cement, slate, and so on.

The coating is an aerosol (spray) and is extremely easy to apply, and it sublimates **REALLY WELL**.

- Ask us for more details on this incredible product (priced at R 259 + VAT).

MUGGIT 4E - Crystal & Glass Decorating System

This system, embeds full colour images into crystal and glass, and not only does it produce excellent quality, but the machinery required is inexpensive, and the process is easy to master.

All you need to use this system is an inkjet printer (any model) and computer. Print the image onto a special crystal transfer paper, which is then adhered onto the crystal sliver with a special adhesive. This is then cured. The crystal sliver is then adhered onto the crystal body and is then also cured. The resulting product looks and feels like a million bucks.

With this system you are not limited to just printing images and logos onto crystal and glass, but you can also seamlessly and professionally glue pieces of crystal and glass to each other to make awards, trophies, and even art !

How profitable is this ?

A crystal keyring costs just R 7.50 (incl. the crystal) – this keyring can easily be sold for R 35 or more. A crystal sports award (with a base stand), costs just R 66 to make, which sells for R 195 or more !

Applications for this technology

You are limited only by your imagination – you can produce items for: Schools, Photographics, Corporate customers, Professionals (say lawyers name on an award type crystal for his desk), Corporate gifts, Awards, Trophies etc.

This system comprises:

- Crystal Curing Machine
- Crystal Glue
- Transfer papers (50)
- Assorted crystals
- Instructions

R 7,942 + VAT = R 9,053.88

Crystals are priced from R 7.50 to R 259 each.

SEE OUR WEBSITE FOR OUR CRYSTAL CATALOGUE.



This system is best used with a cheap inkjet printer (Canon, HP, Epson etc)
To add the items for the stamp making system, add R 8,353 + VAT

MUGGIT 4F – “No Mess” Doming Kit

With this system, you too can now produce professional printed and domed products WITHOUT using any messy or expensive doming resins and doming machines.

Our process is so simple, than anyone can do it !

1. With our system, you simply print onto a special sticker material which is pre-cut for the size and shape of the item you want to dome.

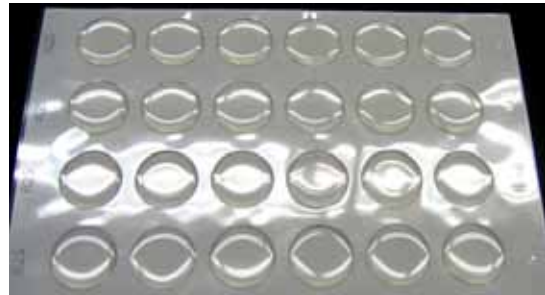
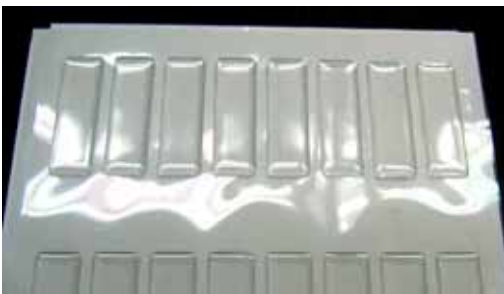
You print with a standard inkjet / deskjet / bubblejet printer.
This special paper is supplied in sheets such as that shown below.



2. You then peel the printed sticker, and apply it to the blank item (we sell them)



3. The final step is to peel the self-adhesive dome from the supplied sheet (see below) and apply to on-top of the sticker.



This will give you a finished product that looks professionally domed.



The cost of a completed item (excluding VAT, but including the item + sticker + print + dome) is:

Dome Keyring (on Left) R 8.95 – , Divot (in middle) – R 15.80, Leather Keyring (on right) – R 12.85

The Sheets of ROUND domes + stickers = R 119.00 + VAT (54 pcs on the sheet)
The Sheets of RECTANGULAR domes + stickers = R 109.00 + VAT (24 pcs on the sheet)

Each pack of sheets comes with a CD containing templates for the stickers

MUGGIT 4G BUTTON BADGE SYSTEM (available in 56mm, 37mm and 25mm versions)

A Button Badge press is the perfect add-on to any printing business, and should seriously be considered.



This in-expensive, yet extremely robust and durable machine, allows you to make the ever popular button badges, and thus make more money.

To make button badges is extremely simple.

1. Simply take your graphic, print it out on a piece of paper (using standard inks). Photo paper gives the best results, but any paper will do.
2. place your paper into the cutter (included in the price), which will cut the image round, and to exactly the size needed for the badge.
3. Take the button components, load them into the machine, load your paper (which you've just cut), and press the handle on the press.
4. Within seconds, the finished button pops out.

THESE MACHINES ARE AVAILABLE IN 56mm, 37mm and 25mm sizes

A Complete INDUSTRIAL Button Badge Machine + Industrial Cutter + 1,000 pin badge starter kit = R 4,495 + VAT (please specify 25mm, 37mm or 56mm when ordering)

How can you profit ?

The raw materials for the button badge, cost just 89c each in small quantities, and 30c for the print and ink (assuming you're using photo-paper), giving you a finished product costing R 1.19, which can easily be sold for R 19 or more (in small quantities), or R 6-50 in larger quantities of say 200 pieces.

To make a button badge (excluding the print time on your printer), takes just seconds.....



You can make button badges, badge keyrings, magnetic and mirror badges etc.

PHOTOBLASTING SYSTEM - MUGGIT 5

This system is one which allows you to produce photo-quality sandblasting, and should **not be confused** with the Muggit 3C, 3D and 3E printing systems.

This system uses a photographic process to allow you to sandblast fine details not possible with conventional sandblast systems. Once blasted, the item, it can be **FILLED IN** with colour/s, to liven it up, but **it's not possible to SANDBLAST in colour**.

HOW CONVENTIONAL SANDBLASTING WORKS

The conventional way of sandblasting is to make a template by cutting vinyl with a vinyl cutter in the shape of the logo / lettering your wish to “blast”, then removing the the vinyl in the areas where you want to blast (called weeding), sticking the vinyl onto the item to be blasted, and blasting away with sand.

The sand then etches the areas not covered with vinyl. **For simple jobs it's a nice easy process to do it this way – for complex jobs however, you either end up spending the whole day weeding just one logo, or find that you can't do it at all !**



Simple Logo Cut



Simple Logo - Weeded

In the example on the left, a simple logo has been cut with a vinyl cutter, and then each piece of vinyl (such as the head, arms etc), has been carefully removed with a pair of tweezers.

This process can take 15 – 90 minutes per unit (depending on the complexity of the logo)

The sand from the blaster, will bounce off the areas where there is vinyl and start eating the glass where there is no vinyl.

ADVANTAGE OF CONVENTIONAL BLASTING

Without a doubt, the biggest thing going for conventional blasting is that the vinyl used to make the mask cost very little. A sheet of vinyl can cost R 4.00 which is far lower than the photoblast mask which costs R 39.00 for the same size sheet .

DISADVANTAGES OF CONVENTIONAL BLASTING (& ADVANTAGES OF PHOTOBLASTING)

1. With conventional sandblasting, It's impossible to blast very fine detail and photographs, for some very simple reasons:

- a) You're using a vinyl cutter to cut the vinyl which you will use as you “mask” for the blast process. The vinyl cutter is using a blade, thus it's not possible to cut out a line that is thinner than triple the thickness of the blade.
- b) Photographs are made up of lots of small dots. Even if by some miracle it was possible to cut the dots out with the vinyl cutter (which it is not), then it would still be impossible to remove every dot off the vinyl with a pair of tweezers and place it in the precise place required on the item to be blasted (especially as the dots would need to be in a precise pattern at an exact distance from each other)

2. Although the cost of vinyl for conventional blasting is cheaper, if it takes you take 2 hours to weed a logo cut out of vinyl, then the labour will cost for this, works out much more expensive than what the photomask would have cost in the 1st place
3. Customers are continuously on the looking for better quality, more detailed work, and the person who is best able to provide this is the one who will get the job. With Photoblasting, the detail is far superior to conventional blasting.



EXAMPLES OF ITEMS DONE ON OUR PHOTOBLASTING SYSTEM



SOME ITEMS ARE FILLED IN WITH COLOUR AFTER BLASTING or are ENHANCED WITH ADDED SUBLIMATION PRINTS

With our Photoblasting system:

- a) You can Sandblast anything, irrespective of the complexity of the logo.
- b) You can also blast Photos and 3-D Images.
- c) All the equipment is portable, and can even be run off a CO₂ bottle, so you can travel with it.
- d) Anything created on the computer can be Photo-blasted.
- e) Almost any item can be blasted, including glass, marble, acrylic, ceramic, marble, granite, Perspex, wood and so on.
- f) Once the item has been blasted, it's a simple matter to add colour to the image (paint).
- g) Crystals blasted with our system are superior to those done with most laser engravers.

HOW DOES OUR SYSTEM WORK ?

Below you can see the 6 easy steps to the Photoblasting process



1

Making the Mask

The first step is to make a stencil. Create an image on your computer and print it onto a the ‘tracing” paper. Then we expose it in our UV-exposure

unit for 25 seconds.

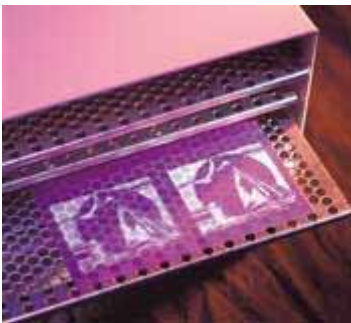


2

Developing the Image

Once exposed, we take the photo mask and wash it out under

water. Areas where the print was black wash out with the water.



3

Drying

We Remove the excess water from the film with a blow dryer or we just lett it drip dry.



4

Transfer the Mask

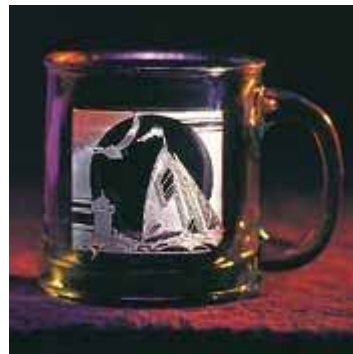
We stick our mask onto the item to be blasted.



5

Blast

We Place the object into the photoblast cabinet, and we blast it..



6

Remove Mask

We remove the mask by peeling, soaking in water. .



Monuments/Memorials



The Standard Photo blast system includes:

- A complete Photo blasting wand & pressure pot
- Air regulator, and blast cabinet (complete)
- Dextralite UV Exposure unit
- High pressure wash out unit
- Tungsten Carbide Blast Bit (extremely durable)
- **Coreldraw X3™ LITE** Original Software (OEM)
- Sample pack of Photo masks and Vellum
- Training + **TRAINING VIDEO** + Pack of Sand – 220 Grit
- **Pack of Positive film** for printer
- **Sample Sandblasted Crystal**

Only R 11,656.41 + Vat = R 13,288.31 – (items can be bought separately if required)

Or

R 18,051.41 + VAT = R 20,578.60 - with a Vinyl Cutter so that you can do not only the complex jobs, but the simple ones as well.)



This is one of the crystal which we sell for Photoblasting,

We highly recommend this system to be purchased with a Vinyl cutter added

PLEASE NOTE THAT THIS PRICE DOES NOT INCLUDE A COMPRESSOR

YOU WILL NEED A 100L, COMPRESSOR (A belt driven type is best).

CRYSTAL + SANDBLASTING SYSTEMS COMBINED

Crystals are excellent for sandblasting onto and make spectacular trophies and awards which sell for hundreds of rands.

With crystals, you can make some truly amazing things – such as:



On this one, we have sandblasted the same image on both inner sides of the crystal, then spray painted what we blasted, and glued the two halves of the crystal together (with the crystal system).

The result is something which looks absolutely amazing !

SEE OUR WEBSITE FOR OUR CRYSTAL CATALOGUE.



Corporate Awards are extremely profitable, and combining crystal sandblasting with photo's, makes for awards and trophies which are not only incredible, but which can be sold for much more than just a sandblasted crystal.



Here are some excellent examples of award trophy Crystals which combine sandblasting, with colour fills and also photo's.



DIE CUTTING SYSTEM - MUGGIT 7

The Industrial strength iMark is a rollerfed manually operated A3 oversize unit that can be used to:

- * **Die Cut any shape or design possible (can cut thin metal, board, paper, PET up to 2mm thick)**
- * **Emboss**
- * **Perforate**
- * **Crease – paper, card, board etc**
- * **Mount – posters onto board etc**
- * **Cold Laminate**

Using the machine is as easy as:

- 1.** Lay the die on the tray, with the foam side facing up. Place your paper / board / plastic you wish to cut on top of the foam, and then place the supplied Perspex tray on top of the item.



- 2.** Push the Tray holding the Die, Item to be cut, Perspex cover into the rollers, and then turn the handle until the tray comes out the other side of the machine.



- 3.** Remove the Perspex sheet and the item which has been die-cut, and repeat the procedure for every item you wish to cut.

Some ideas

Make mousepads the way the pro's do. Laminate the printed paper (using the iMark), then mount the rubber (using the iMark), die cut the product into the mousepad shape and size (using the iMark)

Make jigsaw puzzles - take any size print (up to 30 x 45cm), mount it onto a thicker board (with the iMark), then using a Puzzle die (which we can make for you), die cut the photo into a puzzle.

If you have a print shop, use it to cut businesscards, envelopes, invitations and much more !

We use this machine ourselves, to cut the mousepads, coasters, placemats, and various other products which we sell to you !

PRICE IS R 8,995 + VAT (no dies are included)

Market Analysis

Important: All the information in the following sections has been researched over a period of 16 years, (and is still being researched). The information below is compiled from our personal experience and from feedback we receive from our existing customers.

a) Tourist attractions- Muggit 3C Basic / 3C Pro / 3D:

With an increase in tourists who are tired of buying souvenirs that are “made in china”, there has never been a better time to attack this segment of the market.

You can not only take the tourist’s picture and put it on a mug, teddy bear, plate etc, but you can take Their photo and super-impose it onto a picture of someone shaking hands with popular South African people so it looks like they met with them, or “place” the customer on a famous landmark.

You can also print the mini t-shirts on the Springbok, Giraffe, Rhino, and Lion keyrings with a South African theme, or even put the name of the tourist attraction they are being sold in on the shirt. These South African animals were made specifically for JG ELECTRONICS and are thus not your typical item which everybody carries.

A personalized colour change mug in England for example costs 12-15 Pounds Sterling – that’s over R 150, so your mug sold to a British tourist for R 99 is a steal !

A printed Jewelry box sells in Europe for around Euro 30 (over R 300).

Tourists go in for: Custom printed teddy bears, giraffes and monkeys, plates, mugs, animals key rings, T-shirts, Ethnic Calendars, jigsaw puzzles, wooden coasters, car sunshades, printed lighters, cosmetic bags, sports bags, Jewelry boxes, clocks, crystal keyrings, Domed Keyrings, Luxury Tshirts.

b) Shows (Rand show, Town Festivals etc), Festivals, Rallies and Flea Markets – Muggit 3C / 3D

Here you have a ready market for Mugs, Tiles, Plates, T-shirts, Calendars, Key rings, Jigsaw puzzles, Soft Toys (with mini Tshirt), animal keyrings, Sunshades, Shopping Bags, Ladies Purses, Bibs, Clocks and so on.

People coming to shows, rallies and flea markets usually buy on impulse, so you need to keep stock.

Flea markets are one of the cheapest forms of advertising that exists – many people start off from a flea market and make their money from people who have seen them on the flea market, and now need corporate jobs.

Another good source of income are the Angolans, Mozambicans, Malawians, Congolese, who go round to flea markets looking for something to resell at home, or just for gifts for their loved ones.

c) Busy shopping venues (Muggit 3C basic / 3C Pro / 3D)

Perfect at Christmas time – Photo developing shops have their own Santa in each shopping centre and charge customers to take photo’s with Santa.

Why not team up with them, and offer something different to just a photo with Santa ?

You can sell Mugs, Plates, Teddy Bears, Clocks, puzzles, Baby bibs, and so on.

This is a huge money spinner, and requires at least one, and in many cases two computer systems running simultaneously.

d) Corporate Gifts & Services (full colour work, emergency orders, volume orders etc.)

One of the most profitable markets – Muggit 3C, 3D, 5 (photoblasting), Crystal & U-print systems.

A very common phenomenon is the company who wakes up 2 days before a launch / golf day / exhibition that they forgot to order their promotional products, clothing for the staff, banners, badges etc.

They then run to every commercial printer who tells them it’s impossible, and can’t be done – then come to you last, and since you’re the only one who can help them, it doesn’t matter what you charge, they will pay !

There is also a huge potential in the awards and gifts side of the corporate world, with requests for low volume high quality products increasing on a daily basis.

The corporate market also needs rubber stamps, and is the largest buying of Photocrystals, and Sandblasted wine bottles, crystal awards, sandblasted trophies, sublimated name tags, plastic sports bottles, decorated usb memory sticks, frisbees, mugs, lighters, pens, rulers, calculators, domed items, button badges, and so on.

e) **Schools (especially nursery & primary schools) – Muggit 3C / 3D / U-print systems**

In days gone by the school photographer would come to the school and take the customary annual photo of the kids. These days, with almost every household having at least one digital camera, parents expect a little more, and we have found that there is a growing demand in having the child's picture printed mugs, T-shirts, Aprons, Sports Bags, Sports Bottles, Lunchboxes, Coasters, Clocks, Award Plaques, Glass cutting boards, Plates, Teddy bears (with the advent of stores like "Build a Bear™", there seems to be an increasing demand for Soft toys), Photo Crystals, Snowglobes (very popular) and so on.

The best way to hit this market is to go to the school, and give either the school fund / the teacher or the principal some money for every item sold, and then give them leaflets to hand out to the parents telling them that you will be at the school on a particular date to take the kids photo's and telling them which products you are offering. The schools don't want the hassle of collecting the money and selling onto the customer – you will need to handle that.

If you lack Photography skills, nothing prevents you from teaming up with a photographer to offer this service.

Schools also buy button badges, crystal awards and trophies, domed keyrings and rubber stamps.

Most schools also offer art as a subject, and for the smaller children, a printed apron to use for their art class is a great way for them not to mess on their clothes, and give you business at the same time.

f) **Black Market (burial societies, church groups, social clubs etc.) – Muggit 3C / 3D / U-print systems**

One of the largest market – rivaling the corporate market – T-shirts for burial societies, custom printed coffee mugs with photos (especially the colour change type – we sell over 80% of them to this market), Plates, Calendars, Clocks are especially popular, Car Sunshades, Glass Cutting boards, Animal Keyrings, and soft toys, are very popular products in this market.

What works extremely well is to give samples to people wanting to earn an extra buck – while waiting for the taxi, they should give the samples to the other people waiting at the rank, take deposits, and bring you the jobs on a weekly basis – this ensures that they bring larger quantities at a time..

The deposit should be enough to cover all your costs.

You print the products then they deliver, bring you the money, and you then give them their commission and the cycle repeats.

Some of our customers have discovered that funeral homes like to give out printed promotional items (especially clocks) as part of their "package" to the dearly departed's relatives.

Photo crystals are also very popular in this market as are name badges.

g) **Pets (pics of pets on Mugs, Caps, T-shirts etc.) – Muggit 3C / 3D / U-print systems**

Excellent market with loads of sentimental animal lovers who will buy aprons, caps, T-shirts, Tiles (in a wooden frame), Mugs, Mouse pads, Plates, Dog Tags (to print the dogs name and a tel no), Coasters, Clocks, glass cutting boards, Glass Clocks, Photo Crystals, and so on.

An ad in an animal magazine or a stand at a dog / cat show can get you started in this market.

h) **Game Lodges – Muggit 3C / 3D / Photoblasting / Crystal & U-print systems**

Now here is where creativity is called for. This is a combination of tourist and higher income markets.

You would need to look at a photo of the hunter for example with his kill onto a Tile mounted in a stand, clock, award plaque, metal lighter etc.

Alternatively photo's of animals / African sunsets etc on coasters, clocks, animal keyrings, glass cutting boards, car sunshades, Glass Clocks, Jewelry Boxes, Ladies Handbags, Colour change mugs, Golf shirts, Ties, Wooden Placemats, Large Puzzles, Plates, Photo Crystals, Sandblasted Crystals (especially if you have the Big 5 on them), Face Towels, Wallets, Pens, Lighters, Gun stocks, Torches, ammo belts and so on.

i) **Awards & Trophies – Muggit 3C / 3D / Photoblasting / Crystal / U-print systems**

Awards can either be sublimated (wooden award plaque with a white printable face), or sandblasted (usually onto crystal or glass) or directly printed with the U-print system.

Once sandblasted, you can paint the area to make it look more professional or print it.

Awards and Trophies usually sell for hundreds and in some cases, thousands of rands, and are requested by sports clubs, schools and big business.

j) **Sports Clubs – Muggit 3C / 3D / Photoblasting / Crystal / U-print systems**

Clubs will sometimes take a vast amount of product for their members or for an event, and examples include:

- Golf – printed Ties, golf balls, tees, award plaques, crystals, microfiber cloths, printed spectacle / cellphone bags, divot sets, domed golf keyrings, printed metal wine tubes, printed tiles in a wooden frame.
- Running clubs – Tshirts – especially the honeycomb sports type, clocks, microfiber cloths, vinyl numbers etc.
- Soccer / Rugby / Cricket – vinyl numbers for shirts, printed balls (u-print system), soccer / rugby keyrings, domed items,

k) **General businesses & Government – Muggit 3C / 3D + U-print system**

Stores that sell luxury goods (like cars) are always on the lookout for high quality, inexpensive items, such as domed keyrings, car sunshades, spectacle / cellphone bags, printed wine glasses & bottles, metal items.

All businesses dealing with the public need cheap promotional products for handouts, as well as some premium products. The most versatile system to be able to handle the vast majority of corporate requirements is the U-print system with a sublimation system added, or if you don't need to be able to print on plastic and non coated metal items, the Muggit 3C or 3D systems.

Government departments buy a lot of pretty much the same goods as businesses, but they also buy a lot of Tshirts and caps (in fact more than most businesses). For government work, the u-print system is indispensable and when coupled with a sublimation system and vinyl cutter, is unbeatable.

l) **Photographers - Muggit 3C / 3D**

As with the demise of the plain school photograph, photographers are finding that they need to offer something different and something special for their customers, especially when photographing special occasions like weddings, families, special events.

They are now increasingly purchasing printed products of the type we sell, including photo crystals. Sublimation is still king in this market, as no other technology currently offers the continuous tone images that makes a photograph look spectacular. Skin tones reproduced with a sublimation system are extremely accurate with sublimation.

The kind of products which sell well in this market, include mugs, cutting boards, placemats, mousepads, puzzles, bags, wallets, tiles, plates, stainless steel sports bottles, kit bags, printed soft toys, clocks, key & coat hangers, snowglobes and so on.

A more detailed analysis of these markets is included in the business guide that comes with our systems.

Don't turn any business away !

If a customer asks you to produce something that you do not have the equipment for, or do not know how to do, **DON'T WALK AWAY !**, otherwise they will find someone else to do it, and when they need something that you can produce, then they will ask the other guy 1st !!!

Ask us and we can produce these products for you.

PLEASE NOTE: THE LIST BELOW IS THERE TO SHOW THE KIND OF CONSUMABLES WE SELL, and does not contain 100% accurate pricing. Also not all the products we sell are shown.

This is done on purpose, to prevent your potential customers downloading this catalogue, and thus knowing what you are paying for your raw materials.

We have a separate pricelist which you can access from our website with a password that only our customers get.

PRICE LIST JULY - 2011 (VAT EXCLUSIVE)

QUALITY HEAT PRESSES

T-SHIRT PRESSES

Muggit 2-in-1 Press (T-Shirt and Mug press in 1) (price is cheaper if bought with Muggit 3c system)	R 10,995
Chinese Clamshell Press (38 x 38cm) – 6 month warranty	R 2,895
Muggit Swing-away Press (38 x 38cm)	R 7,995
Muggit Swing-away Press (60 x 40cm)	R 8,995
Muggit Clamshell Press (60 x 40cm)	R 6,995
Geoknight Baby –A4 T-shirt Press – not for high volume use	R 3,995
Geoknight JP-14 Press (30 x 35cm) – swingaway model with pressure & temp adjustment	R 7,495
Geoknight A2 Clamshell Press (50 x 40cm) – clamshell model with pressure & temp adjustment	R 11,995
Geoknight A3 snr Combo Press (36 x 41cm) – swingaway model – one of the best presses around	R 12,995

CAP PRESS & ATTACHMENTS

Geoknight Cap Press - Industrial	R 7,495
Geoknight Cap Attachment for Combo Press	R 3,495
Muggit Cap Attachment for 2-in-1 press	R 1,995

MUG PRESSES & CLAMPS

Muggit Multifunction Mug press (up to 800 mugs p/m) – 1 Yr Wrnty. Does all mugs + cone shaped	R 6,995
Clamp for Tot Glasses	R 95
Clamp for 11oz Standard Mugs – Industrial (USA)	R 269
Clamp for 11oz Standard Mugs – Econo (China – but good quality)	R 199
Clamp for 12oz Cone Shaped Mugs – Industrial (USA)	R 309
Clamp for 10oz Sports Bottles – Industrial (USA)	R 269



PLATE PRESS & ATTACHMENTS

Muggit Plate Kit - SIDE plates – press plates with almost any T-shirt press ! (includes 5 plates)	R 1,452
Muggit Plate Kit - DINNER plates – press plates with almost any T-shirt press ! (includes 5 plates)	R 1,710
Muggit Plate Attachment for 2-in-1 press	R 895
Muggit Dedicated Plate Press – perfect for low and high volumes – best press for plates	R 4,495

ALL GEOKNIGHT CAP & TSHIRT PRESSES COME WITH A LIFETIME WARRANTY ON THE ELEMENT

SUBLIMATION PRINTERS (includes ink, bulk ink system, colour profile) – USA Designed

A4 Professional Printer – colour, based on Ricoh GX33xx	R 5,795.00
A3 Professional Printer –colour, based on Ricoh GX7000	R 12,495.00

QUALITY VINYL CUTTERS AND POLIFLEX TRANSFER VINYL

Roland Vinyl Cutter – 280mm wide
 Roland Vinyl Cutter – 380mm wide
 Roland Vinyl Cutter GX24 – 610mm wide (with sensor eye)



R 6,395
 R 8,995
 R 16,995

Transfer vinyl is used in cases where you want a logo on a shirt (especially a dark shirt), where you only want a word, or a number or a logo to show, and want it to look terrific. Transfer vinyl is also excellent for use in cases, where you need to use a colour which you can't print (such as white, gold, silver, neon etc).

See below for some examples of the colours we have in stock of transfer vinyl.

POLI-FLEX STANDARD

WHITE 401 	FOREST GREEN 407 	PURPLE 414 	GOLD METALLIC 420 	GLITTER GOLD 439 	REFLEX SILVER 4781
BLACK 402 	RED 408 	ORANGE 415 	SILVER METALLIC 430 	NEON YELLOW 440 	REFLEX ECO 4782
LIGHT BLUE 403 	BORDEAUX 409 	BROWN 416 	GLITTER SILVER 435 	NEON GREEN 441 	GOLD 492
GREEN 404 	YELLOW 410 	OFF-WHITE 417 	GLITTER BLUE 436 	NEON ORANGE 442 	RED 493
NAVY BLUE 405 	GREY 412 	MEDIUM YELLOW 418 	GLITTER GREEN 437 	NEON PINK 443 	GREEN 495
ROYAL BLUE 406 	TURQUOISE 413 	LEMON YELLOW 419 	GLITTER RED 438 	PURPLE 498 	RAINBOW 496
SILVER 491 	BLUE 494 	PINK 497 			GOLD 421

JG ELECTRONICS
011 789 6033

Shiny
Reflective
Gold / Silver

INDUSTRIAL GRADE - INKJET TRANSFER PAPERS

(WORK WITH ANY INKJET / DESKJET / BUBBLEJET PRINTERS)

PAPER FOR LIGHT SHIRTS

JETTRANS H – HOT PEEL Paper A4	R 7.90
JETTRANS H – HOT PEEL Paper A3	R 15.80
JETTRANS E – HOT PEEL Economy Paper A4	R 4.95
JETTRANS C – Premium HOT/ COLD PEEL Paper A4 (can be used with a home iron)	R 7.50
JETTRANS C – Premium HOT/ COLD PEEL Paper A3 (can be used with a home iron)	R 15.00

PAPER FOR COLOURED SHIRTS

1-Step Opaque paper – A4 (least durable, but easiest to use)	R 9.95
1-Step Opaque paper – A3 (least durable, but easiest to use)	R 19.90
2-Step Opaque paper (must be used in conjunction with Hot peel) – A3 sheets	R 28.50

2-step paper is the far more durable than 1-step paper.

PLEASE NOTE: ALL PAPER IS SOLD PRE-PACKED IN PACKS OF 10, 20, 50, 100 Sheets.

SUBLIMATION TRANSFER PAPERS & INKS

PAPER FOR COATED Ceramics, Wood, Metal, & POLYESTER SHIRTS

TexprintXP-HR (one of the best sublimation papers on the planet) **Premium** sublimation paper available in A4, A4 Long (215 x 355mm), A3, A3 Long (330 x 482mm), A2, and also rolls of 430mm wide x 35mm long

Pricing starts at R 1.48 + VAT per sheet for A4

* The A4 long paper can be printed by the A4 printer. The A3 long can be printed by the A3 printers

PAPER FOR LIGHT coloured Cotton / Poly-cotton SHIRTS

JETTRANS H – HOT PEEL Paper – available in A4 and A3 (from R 7.90 + VAT per A4 sheet)
JETTRANS E – HOT PEEL Paper – available in A4 and A3 (from R 4.95 + VAT per A4 sheet)

PAPER FOR COLOURED SHIRTS

1-Step Opaque paper – A4 (least durable, but easiest to use)	R 9.95
1-Step Opaque paper – A3 (least durable, but easiest to use)	R 19.90
2-Step Opaque paper (must be used in conjunction with Hot peel) – A3 sheets	R 28.50

Sublimation Flock A3 (Forever type – plastic feel)– You print on it, and then cut it out and apply to dark shirt. The is paper is excellent for 100% cotton and give a thin, vibrant, durable transfer, but is only suitable for 100% cotton shirts

R 39.50

Sublimation Flock A3 (Seude type – from France) – This is extremely permanent and can be used on all types of material. It's not very flexible (so not for elastic materials), but the durability is excellent

R 36.90

COLOUR COPIER / COLOUR LASER TRANSFER PAPERS

LIGHT / WHITE COLOURED SHIRTS – RSA TESTED -

T-shirt paper **A3 (Classic Plus - NEW non-oil based machines)** 1-499 R 8.90

DARK COLOURED SHIRTS – RSA TESTED

1-Step Opaque paper **A3** for Dark / Black Shirts (for all machines) 1-499 R 18.90
 2-Step Opaque paper **A3** for Dark / Black Shirts (most durable paper for laser) R 28.50

SPECIALITY PAPERS

Waterslide paper **A3** (works on all machines) – available in clear R 21.50
 Temporary Tattoo Paper **A4** (works on all machine types) R 13.90

SOFTWARE FOR IMPRINTING

Mural 8 – Excellent software for making murals	R 2,295.00
Novelty 8 software – excellent – can be used by anyone irrespective of computer experience	R 2,495.00
Novelty 8 Pro (comprises Novelty 8 + Mural 8 in one package)	R 3,495.00
Coreldraw X3 (13) OEM Lite	R 995.00

Crystal Machine and Crystals

Crystal Types

We have around 80 different crystals on offer from small keyrings and pendants to units 35 x 25cm in size. Prices range from R 7.50 to R 260. Below are some images from a wide variety of crystals. – please contact us for pricing.



Transfer paper (clear) – pack of 50 sheets	R 325.00
Crystal Glue	R 265.00
Crystal Machine starter pack (machine + transfer papers + glue + crystals)	R 7995.00

PHOTOBLASTING SYSTEMS AND CONSUMABLES – VAT EXCLUSIVE

Complete Photoblast system including software, training, all equipment, no compressor R 11666.41

Separate Units

Exposure Unit for Photoblast system R 2830.00
 Washout Wand for use on Masks such as Ultra Pro (not required for RAPIDMASK HD II) R 695.00
 Sandblast Pot with hose and regulator, water trap R 4250.00
 Coreldaw X3 OEM Lite Software R 995.00
 Blast Box (with 2nd internal light) R 1650.00
 Tryout pack of Photomasks (5 x 3mm R3 masks + 5 x Rapidmask) R 419.00
 1 x Bag of Sand – 220grit Aluminium Oxide – 25Kg R 399.00
 1 x Tungsten Carbide Blast Nozzle R 255.00
 1 x Pack of Photo-Vellum for **Inkjet** printer (inkjet positive film) – 10 Sheets A4 R 89.50

Training Manual / Video – included with any purchase of exposure unit / blast pot

Consumables

1 x Box of R3 – **3mil** self-adhesive, repositionable photomasks (10 sheets – 25 x 30cm) R 439.00
 1 x Roll of 3mil Ultrapro – 31cm x 7.5m R 995.00
 1 x Box of RAPIDMASK **HDII High resolution** Photomasks (no washout) – 10 sheets – 25 x 30cm R 399.00
 1 x Roll of Rapidmask High Definition – 31cm x 7.5m R 995.00
 1 x Roll of Rapidmask High Definition – 66cm x 3.3m R 2,389.50

1 x TUNGSTEN CARBIDE 2mm Bit (lasts almost forever – a very good buy) R 255.00

Please note: The RAPIDMASK HD II film gives the best quality photo’s possible, but cannot be used outdoors.

We sell the photo-masks cheaper in South Africa, than what they cost in the USA where they are made !



THE CRYSTALS ARE AN EXCELLENT CONSUMABLE FOR SANDBLASTING. THEY BLAST WELL, ARE VERY COST EFFECTIVE, AND LOOK FANTASTIC ! SEE OUR WEBSITE FOR OUR CRYSTAL CATALOGUE.

IMPRINTABLE PRODUCTS (a small selection - IN ALPHABETICAL ORDER)

Aprons (Plastic with Red or Black Trim)



from R 32.50



Baby Bib (Pink / Blue / Yellow)
 Backpack / Rucksack with printable flap
 Badge (name) Pin – 75 x 25mm & 60 x 20mm
 Badge (name) Magnetic – 75 x 25mm & 60 x 20mm



R 69.00



Bag – Shoulder Bag with detachable imprintable outer flap – SMALL (A4 & A3 available)
 Bag – Printable Ladies Handbag
 Bag – Shopping Bags with Wood / Flexi handle
 Bag – Sports / Gym Bag with drawstring
 Bag – Hanging Bag with imprintable flaps – 50cm tall x 24cm wide
 Bag – Wine Bag with black trim

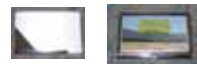


Balloons – Inkjet printable balloons – in A4 & A3, in 3 different styles

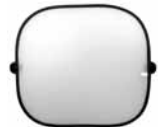
Bowl - Mini (Ashtray)
 Bowl – Small (Cat / Soup bowl) – sublimateable - 15cm diam x 6cm high
 Bowl – Large (Dog / Soup bowl) – sublimateable - 18cm diam x 8cm high



Business Card Holder – Cut Corner Shape
 Business Card Holder – Wave Shape
 Business Card Holder – Stainless Steel with Metal Insert



Can Cooler (wraps around can to keep it cool)
 Car sunshade – white – printable 38 x 44cm with 2 suckers



Caps – various colours



Cigarette Case with built in lighter

Clock Frames – wooden & plastic
 Clock Kit – Metal Face (Silver / Gold / White) + Mechanism
 Clock Kit – Glass + Mechanism – 200 mm / 310mm diameter



Coasters – Rubber, Wooden, Glass

Compact – Mirrors
 Cushions with various coloured covers & white printable area
 Stadium Cushion



Dog Collars

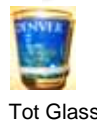
Cutting Boards / Placemats – tempered glass A4 / A3 / A2 & Round



Flags – car flags – single & double sided



Flask (Thermos) – white
 Flask (Thermos) – Silver with "leather" holder



Glass Mug – Frosted & Clear
 Glass - Whiskey & Highball glasses
 Glass Shot – Mini Shot Glass
 Glass Shot – Beer mug + Cone shaped Glass



Jewelry Box - Imported, with 10 x 10cm Tile Insert in Cherry / Black
 Jewelry Box – Imported, with 15 x 15cm Tile Insert in Cherry Wood



Keyring – Plastic Clip in
Keyring – Plastic Round,



Keyring – Animal with mini imprintable T-shirt (Bokkie / Lion Monkey / Dog / Teddy / Elephant / Tiger / Sports player / Devil)
Keyrings – Metal (various types)
Lanyard – 15mm white – with dog tag and safety break

Metal Sheets – 600 x 300mm (available in Brushed & Shiny Silver / Gold, White)
Metal Hip Flask
Metal Coat / Key Hanger
Metal Lighter (Zippo Type) with gift box



Mousepads – Rectangular & Round



Mug – 2 Tone (choice of Navy, Black, Yellow, Lime, Orange, Sky Blue inner)
Mug – Beer Mug – German Style – 22oz with 2 Gold Lines
Mug – Beer Stein – Looks like oversized Coffee Mug – 20oz



Mug – Black with white printable surface
Mug – Colour Change Black / Blue / Aqua / Red / Orange
Mug – Cone Shaped – 12oz & 17 oz – White + colour change
Mug – GLOW-IN-THE-DARK



Mug – Espresso – 6oz mug



Mug – Lovers (2 mugs which fit into each other – white with heart handles)



Mug – Jumbo – 15oz – plain white

Mug – Jumbo – 15oz – plain white with coloured handle and rim / coloured inner

Mug – Tea Mug

Mug - Travel – Double Wall Stainless Steel Travel Mug

Mug - Travel P – Plastic Inner with metal outer

Mug - Vacuum Flask

Mug – White Mug – available in Standard / Premium & Dishwasher Safe

Mug – White Mug – 9oz white coffee mug with fancy handle and curved lip

Mug – White Mug – TRIANGULAR / SQUARE SHAPE –10oz



Pencil Bag – Polyester, White on Front with coloured rear, and zip

Pencil Caddy - Pen / Pencil Holder – white ceramic, with dark blue inner



Photoglobe – with SNOW / RED HEARTS INSIDE – insert photo in the middle (double-sided)



Placemats – Cloth, Rubber, Wooden, Cork and Glass available

Piggy Bank – printable with mug press – same process



Plate – Coated side & dinner plates – with various trim options + Plate Stands
Plate Stand

Plate – Metal Round / Oval + Stand – use Tshirt press



Puzzles for both sublimation use and also inkjet / laser printers – in sizes from A5 to A3.

Stainless Steel Sports Bottle – 400ml / 750ml – white / Silver



SOFT-TOYS WITH PRINTABLE SHIRTS



Polar Bear, White Teddy, Brown Teddy, Monkey, Snowman, Giraffe, White Bear with hearts, Lamb all with printable shirts

TILES & TILE FRAMES

Various sizes from 5 x 5cm to 30 x 30cm, including ceramic and glass tiles. We also have wooden and cardboard tile frames and stands.



Tie (white printable matte)

COTTON T-SHIRTS & GOLF SHIRTS



Various colour and sizes available – sourced from Europe, South Africa and China

MUGGIT BRAND - 100% POLYESTER SHIRTS

These shirts are manufactured specially for us, and are available in a variety of types. **They are made specifically for sublimation Transfers.**



Available in Honeycomb (sports type) Round neck, and solid material V-neck.

BUTTON BADGE PRESS & BADGES

INDUSTRIAL Badge Machine + 1,000 pin badges + Industrial Cutter = R 4,495 + VAT
 - These come in 25mm or 37mm or 56mm



Badge Component Pricing (sold in packs of 100)

	56mm	37mm	25mm
Button badge – pin type	R 94	R 79	R 55
Button badge – Magnetic (excellent for fridge magnets)	R 199	R 179	R 79
Button badge – Mirror type	R 225		
56mm button badge – Keyring (with Badge, Ring + Chain)	R 459		
56mm button Badge – Bottle Opener back	R 295		
Versa Back for 25mm (allows you to use it as a keyring, decorative zipper attachment etc)			R 89

Kindly Note:

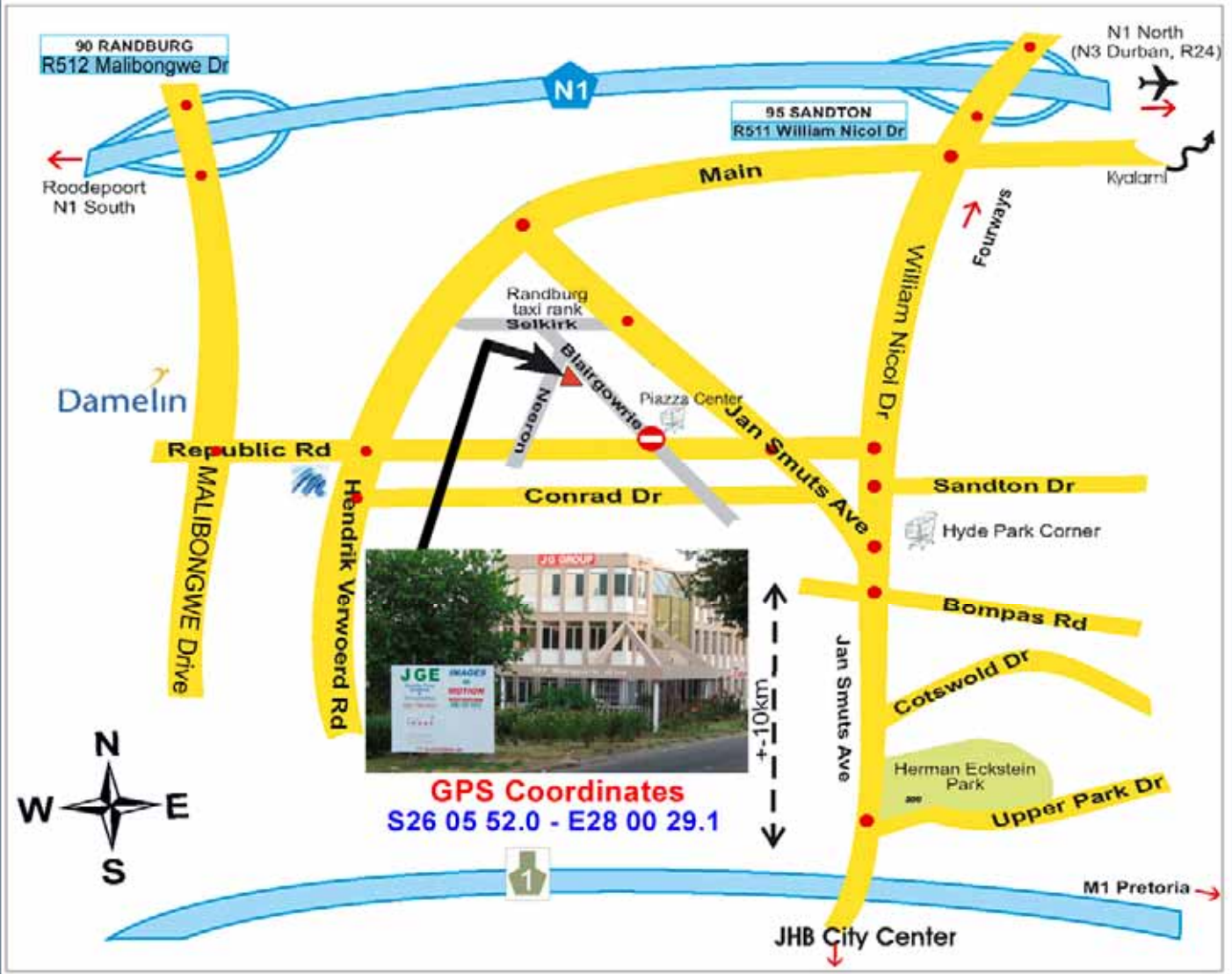
5. All prices exclude VAT at 14%, and are strictly COD.
6. We accept credit cards, cash and electronic transfers. Should you wish to pay by cheque, goods will be released as soon as the cheque is cleared by the bank.
7. Prices are quoted in South African Rands. **For items not listed here, please contact us.**
8. Prices subject to change without notice.
9. See our web site at: www.jgelectronics.com for more information.

E. & O.E.

JG Electronics/Images in Motion

Address: 177 Blairgowrie Dr
 Cnr, Neeron and Blairgowrie

Tel: 0861 789 6033 / 011 789-6033
 083 463 8523



Directions

From William Nicol: **GPS Coordinates S26 05 52.0 - E28 00 29.1**

If coming from Pretoria side, turn left at the top of the off ramp. If coming from Roodepoort side, turn right at the top of the off ramp. Follow the road for + 3km, then when the road splits, take the right split towards Randburg. Follow the road into the Randburg CBD; go past Nestle and Porche on your left. When the road splits again, take the left split (Jan Smuts Ave) and keep in the middle lane. Go past the Randburg tax rank and at the next robot turn right into Selkirk; then 1st left into Blairgowrie Dr. The building is right in front of you (it's triangular shape).

From Hans Strydom:

Go towards Randburg on Malibongwe Dr until you get to Republic Rd (you will see Damelin on your right hand side). Turn left, go down the hill and past the Brightwater Commons (Randburg Waterfront). Go up the hill and past MNET (on your right hand side). Cross over Hendrik Verwoerd Dr and go down the hill. At the next robot turn left into Jan Smuts Ave (there is a Merc dealership on the left hand side). Go up the hill, over the next robot (entrance to Piazza Center - Nandos) and at the next robot, turn left into Selkirk. Once you have turned, turn immediately left into Blairgowrie drive, and our building will be in front of you (about 100m away).



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