



CK1990/004186/23

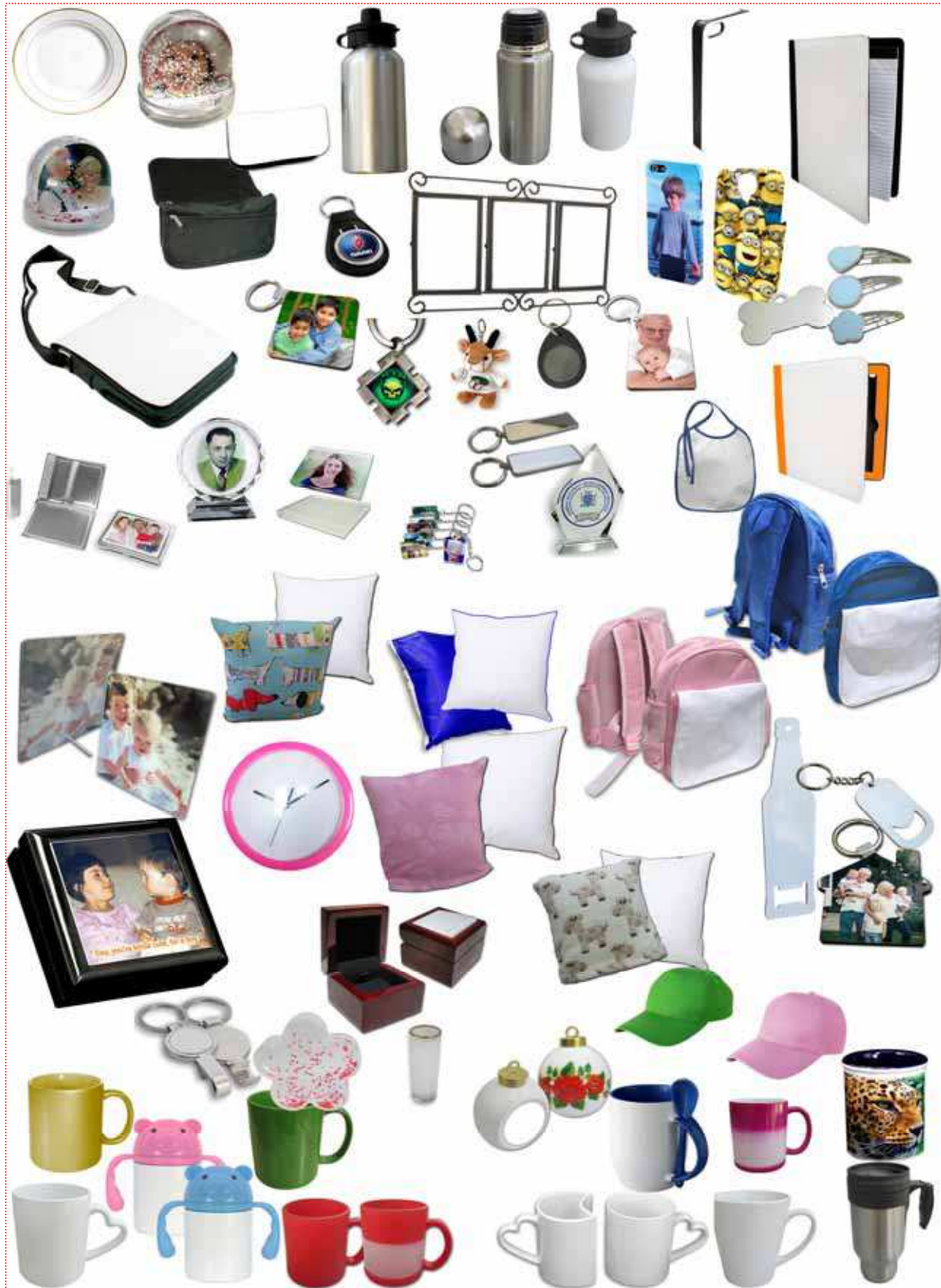
011 789-6033 (Jhb)
051 430-1554 / 1946 (Bfn)
021 511-0134 (Ctn)

ige@jgelectronics.com
bfn@jgelectronics.com
ctn@jgelectronics.com

RE: Novelty printing systems

SYNOPSIS

August 2014



CONTENTS**PAGE**

Help us to Change the world ! JG Electronics Social Responsibility	3
Important info about our systems and explanation of transfer technologies	4 - 5
Muggit 1 – Fabric Transfer system	6
Fabric Maker system	7 - 8
Muggit 2 – 3D Sublimation system	9
Muggit 3C – Versatile Sublimation based printing system	10
Muggit 3C Pro – Professional System	11
Muggit 3C Lite – Low cost entry level system	12
Muggit 3C Mug Lite – Mug only print system	13
Muggit 3D Industrial Sublimation system	14
Frequently asked questions – VERY IMPORTANT	15 - 17
Sample packs and brands we represent	17
Coreldraw 2014 “lite” Printing software	18
Optional Equipment upgrades	18 - 19
Silhouette Cameo vinyl cutter – highly recommended	20 – 22
Different Mug Grades Explained	23
Muggit 4D – Rubber Stamp Manufacturing system	24
Muggit 4E– Crystal Decorating system	25
Muggit 4G - Button Badge Press – why you need one	26
Muggit 5 – Photo Quality Sandblasting system	27 – 28
Important information about JG Electronics	29
Map on how to get to our premises (Jhb) – for CTN / BFN, please contact them	30

Kindly Note:

1. All prices exclude VAT at 14% We accept credit cards, cash and electronic transfers but NOT cheques.
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.](#)

Through a worldwide 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

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.

Because businesses have the
POWER
to change lives

B1G1® NEWS SEASON 1, 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 photographs and skin tones than laser printers. Printers can be had for under R 1,000 and can be used for general printing as well as transfers.

Disadvantages

Not as durable as Sublimation (but then again nothing is), and can only print fabrics.

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. They produce excellent quality logo's and solid colours.

Disadvantages

Replacement toner cartridges can be expensive. Page yields for full colour work are low (especially on the cheaper laser printers), which means the print cost is high.



Not as permanent as sublimation, and laser printers don't print skin tones (photo's of people) as well as inkjet / sublimation printers.

SUBLIMATION

Sublimation is by far the best technology 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, Manchester United, Tottenham Hotspurs, Sports straps, Lycra Body suits, Nylon, Sports Tops (even the Neon ones) and so on.



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.



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 Epson & Ricoh printer models.**

PLEASE NOTE: MOST OF OUR SYSTEMS NOW INCLUDE CORELDRAW™ X6 ESSENTIALS AT NO EXTRA CHARGE AS A RESULT OF A DEAL DONE WITH COREL ITSELF.

MUGGIT 1 – Fabric transfer printing system

The Muggit 1 system is ideal for anyone who wants to print stickers, T-shirts, mousepads, bags etc. This system CAN NOT do Mugs, Tiles, Metal and so on – for that you need sublimation. Even if you are planning on buying a sublimation system later on, the printer is a perfect add on to a sublimation system.

With this printer, you print on the special transfer paper, and then transfer the image onto any fabric or fabric type surface, which can press, including natural fibers, synthetics, some leathers and so on.

using the T-shirt press, you withstand the heat of the

1



2



3



4



With the optional Silhouette Cameo vinyl cutter (see pages 23-24 for details), you can use this printer to print magnetic signage, dark shirt transfers and stickers which the Cameo can then cut out.

We have a wide range of products which you can print with this system, including: Lanyards, Mousepads, Coasters, Luggage Tags, Bags, Wallets, Ties, T-shirts, Caps (with optional cap press), Keyrings, Aprons, Baby Bibs, and so on.

The gel ink used, combined with our transfer paper, gives better wash durability on light garments than any inkjet printer we've tested.

The system includes:

- Muggit Econo Heat Press – 38 x 38cm
- Ricoh Gelprinter A4 with initial set of inks
- Coreldraw™ X6 Essentials (**FREE**)
- Pack of 20 sheets for light fabrics & Pack of 10 sheets transfer paper for dark fabrics

R 5,258 +VAT = R 5,995.00 incl

Add a cameo Vinyl cutter for just R 3995 (incl) – highly recommended

fabriC^Maker

The Fabric Maker is a revolutionary new system that for the first time allows people who use fabric for quilting, scrapbooking, and the like to print their own fabrics instead of being limited to purchasing patterned material.

This is the perfect hobby system, and is perfect for mummies to do from home. There is no industrial machinery required, merely the Fabric Maker™ printer, the fabric sheets, a hobby cutter like the Silhouette Cameo™ and a home iron.

Any design or pattern or even photo is loaded onto the computer, and printed with the Fabric Maker™ printer directly onto the Fabric sheets. Once printed, the design can be cut out with the hobby cutter if desired. The final step is to iron the fabric sheet with a home iron for the inks to set. The print does not alter the softness of the fabric in any way.

Once this is done, the fabric can be sewn, glued, twisted and folded for the desired project. Below are some ways in which this system can be used to produce amazing projects, including patches for clothing and jackets.



The costs to run this system are as follows:

1. A printed sheet of material – full colour, full coverage, with lots of dark colour and heavy saturation costs R 39.
2. A printed sheet with lighter colours and less saturation, but still a full page costs R 29.00
3. If you're not filling the entire page with ink, print costs will be lower.
4. The prices above include ink and fabric.



Please note: The iron is not included – use your own

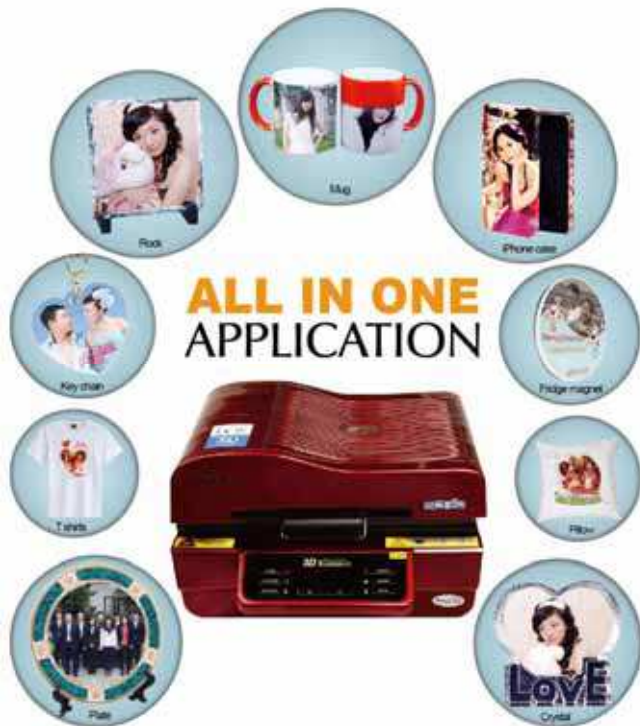
**The system comprises:**

- Ricoh based Fabric Maker printer
- A full set of Fabric inks
- A pack of 25 sheets Fabric Sheet
- Silhouette Cameo Craft Cutter
- Fabric Blade for the Cameo
- Silhouette studio software

R 9,385.00 + VAT = R 10,698.90

MUGGIT 2 – 3D Sublimation system

3D Sublimation is the hottest new process of today, and allows one to not only print on the surface of a product, but round the edges too !



The 3D sublimation system, is a small oven with a vacuum apparatus. The way it works is as follows:

Print onto the sublimation transfer paper with the sublimation printer, then apply the product to the item to be printed, and insert it into the pre-heated vacuum press, closing the silicone cover. With the push of a button, the air is sucked out of the system, thus forcing the transfer paper tightly against the object ensuring a perfect transfer.

This process is perfect for rigid surfaces. When printing smartphone and tablet polymer covers, the quality is better than any other process, as the image goes round the edges of the product. When printing plates, you are able to print on the entire surface of the plate (even the rim) and are not limited to a smaller area as you are with all other print systems.

When printing mugs, you remove the vacuum cover and use the press as a mini oven allowing you to print 12 mugs at a time.

You can even use it to print fabrics, though we strongly recommend buying a separate Tshirt press for this function, as it's quite cumbersome to print on a T-shirt while wearing heat resistant gloves. Also due to the process, it's not really possible to print cotton or dark shirts, as the process is too slow for these transfer processes to work reliably.



A basic 3D sublimation system includes:

- **Ricoh Gel Printer (A4)**
- **Sublimation Inks** (printer uses approx. 50% of 1st set to fill internal pipes)
- **Muggit 3D Sublimation press + heat resistant gloves**
- **Sample pack of printed items** (excellent for marketing yourself)
- **Colour Profile for sublimation + Training Videos + Manuals**
- **Heat Tape + Coreldraw™ X6 Essentials (FREE)**
- Pack of 50 sheets A4 Ricoh paper
- **Product Marketing CD** (with pictures of products on for you to show your customers)
- **“Marketing & Running your own print business” guide**

-For only R 19,773.50 + Vat = R 22,541.79

- **With an A3 printer (so you can do larger items) – R 34,055.78 (incl)**
- **Add a Muggit Econo Tshirt press (38 x 38cm) for just R 4212.30 (incl) – highly recommended.**

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 15.00 (complete) and sells for R 49 to R 125. A **colour change mug**, costs up to R 45.00 and sells for up to R 155 ! A **polyester T-shirt** costs R 52.00, and sells for around R 145.00 . A **cotton T-shirt**, will cost R 42.00, and can sell for R 89 upwards.

WHO IS THIS SYSTEM SUITABLE FOR ?

This system is aimed at small businesses, who do not intend to produce huge volumes. This system uses a **combination Mug, Tshirt & Plate press**, coupled with a reliable sublimation printer. The only down side is that you cannot press mugs and T-shirts 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 4 x 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 + Digital Timer + Coreldraw™X6 Essentials (FREE)**
- **Product Marketing CD** (with pictures of products on for you to show your customers)
- **“Marketing & Running your own print business” guide**



-For only R 18,437 + Vat = R 21,018.18

- **Add a vinyl cutter (Cameo) for just R 3995 (incl) – highly recommended.**
- **Add an engraving kit to the Vinyl cutter for engraving – R 284**
-

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:

- This system include separate mug and Tshirt presses, so you can produce larger volumes.
- The T-shirt press is 50 x 40cm in size, and is a more industrial unit made for higher volumes.

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

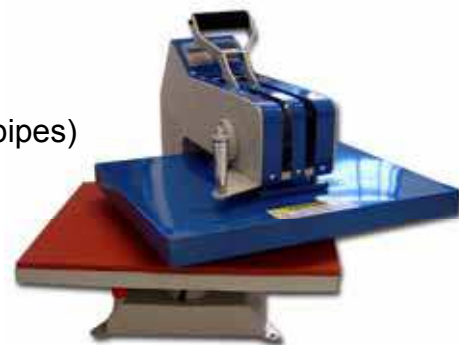
If you are intending to use the system in a shop or business environment, then the Muggit 3C Pro is the smallest system you should be looking at.

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

You can also upgrade this system to one with an A3 printer, add a plate press or even cap press. A vinylcutter with added engraving kit is the best thing you can add to this system.

The Muggit 3C Pro system includes:

- **Ricoh Gel Printer (A4)**
- **Sublimation Inks (full set)** –(printer uses 50% of 1st set to fill internal pipes)
- **Muggit 50 x 40cm** T-shirt press
- **Separate Muggit 4 Element Mug Press** + separate Digital timer
- **Sample pack of printed items** (excellent for marketing yourself)
- **Colour Profile for sublimation + Training Videos + Manuals**
- **Starter pack of consumables to the value of R 500**
- **Advertising Poster + A3 Nomex Pad + USA Teflon sheet**
- **Product Marketing CD** (with pictures of all products on for you to show your customers)
- **“Marketing & Running your own print business” guide**
- **Coreldaw™ X6 Essentials (FREE)**



-For only R 24,616.00 + Vat = R 28.062.24

- **With an A3 Professional printer (Highly Recommended) – R 39,576.24 (incl.)**
- **Add a vinyl cutter (Cameo) for just R 3995 (incl) – highly recommended.**
- **Add an engraving kit to the Cameo for engraving jobs – R 284**

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, coupled with a low cost T-shirt press and mug clamps which allow you to do mugs in the oven.

The Tshirt press we're using here is a low cost yet good quality Chinese model that we are buying directly from the manufacturer. It's 38 x 38cm, and perfect for all flat printing which covers 80% of all printable products. We do hold spares of this press and can repair it locally.

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.

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**
- **12 White Mugs**
- **Colour Profile for sublimation + Training Videos + Manuals**
- **Heat Tape**
- **Product Marketing CD** (with pictures of all products on for you to show your customers)
- **"Marketing & Running your own print business" guide**
- **Coreldraw™ X6 Essentials (FREE)**

-For only R 11,255 + Vat = R 12,830.70

- **Add a vinyl cutter (Cameo) for just R 3995 (inclusive) – highly recommended.**
- **Add an engraving kit to the Cameo for engraving jobs – R 284**
- **Add an Econo Mug press which does all standard 11oz Mugs for just R 2,299 (inclusive)**

MUGGIT 3C Mug Lite – Ultra Low cost, entry level Mug print system



The Muggit 3C Lite is a stripped down version of the 3C basic and is for printing mugs only. It is targeted at those people who would like to start in the mug printing 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, coupled with an economy mug press, some heat tape, and instruction manuals. This press comes with a 6-month warranty and has proven itself reliable enough to carry the MUGGIT™ brand name. We carry spares for it as well as spare elements.

As opposed to the more expensive systems, the mug press on this system only prints the standard size mugs (which in any case is around 70% of the available mugs).

The Muggit 3C Mug lite system includes:

- **Ricoh Gel Printer (A4)**
- **Sublimation Inks** (printer uses approx. 50% of 1st set to fill internal pipes)
- **Muggit Econo**, Mug press with single element (6 month warranty on this press)
- **Colour Profile for sublimation + Training Videos + Manuals**
- **Heat Tape**
- **Product Marketing CD** (with pictures of all products on for you to show your customers)
- **"Marketing & Running your own print business" guide**
- **Coreldraw™ X6 Essentials (FREE)**

-For only R 9,375.00 + Vat = R 10,687.50

- **Add a Muggit 38 x 38cm - T-shirt press for just R 4,230 (incl.) – highly recommended.**
- **Add a vinyl cutter (Cameo) for just R 3995 (inclusive) – highly recommended.**
- **Add an engraving kit to the Cameo for engraving jobs – R 284**

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**
- **Training Videos** (on CD) + Training Manuals
- **Digital Timer**
- **Cameo Vinyl** Cutter for Videoflex Transfers onto Fabrics
- **Assorted** Consumables to the value of R 3,800 (user selectable)
- **Product Marketing CD** (with pictures of all products on for you to show your customers)
- **"Marketing & Running your own print business"** guide
- **Coreldraw™ X6 Essentials (FREE)**

-For only R 62,337.00 + Vat = R 71,064.18

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 !

FREQUENTLY ASKED QUESTIONS

What else do I need ?

1. You need a **computer**. We don't sell computers. A PC or Mac will work, but PC is preferable.
2. You need a **graphics program** which supports colour matching, else your colours come out wrong – this is why we supply Coreldraw X6 Essentials [™] with our systems.
3. **Teflon** – this is used to protect the base of your press so that inks from the transfer process don't leach into the rubber, as this leached ink will then ghost onto anything pressed in future.
4. **Nomex** – this is a type of heat resistant felt which is 1cm or so thick. When pressing onto tiles and other items with slightly curved edges, it allows the print to transfer over the edge, thus giving you better finished quality.

Our Nomex and Teflon are sourced from the USA for best quality.

What are my options ?

- You can buy a system or bits and pieces
- You can add or subtract from any system
- We accept Lay-by arrangements (max 6 months)

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

- Epson has not embraced small format sublimation as they make no money off the inks.
- Epson gives no warranty and often won't repair printers used for sublimation.
- Epson part centers won't sell spares for printers used for sublimation.
- Epson printers modified for sublimation block easily due to a fungus in some sublimation ink

What makes the Ricoh Different ?



- It's rugged, reliable and fast.
- It uses Gel ink so is less likely to block.
- Supported by Ricoh South Africa (but only if purchased through JG Electronics, and using Sawgrass inks).
- Uses sealed cartridges – no mess and no fuss

Sawgrass ink vs chinese ink

Sawgrass invented the sublimation ink process for digital printers, and yet the Chinese who made an inferior copy of their inks, claim their ink is the best. When customers complain about the poor colours, they tell you to go to the sawgrass website for help, because they clearly have no clue what they are doing. Added to this, Ricoh will NOT honour the warranty if you're using Chinese inks.

Disadvantages of Dirt Cheap Presses / Sublimation systems

1. They don't keep stock of spares, so when something breaks, you're stuck.
2. Equipment is often illegally imported or substandard which they can't repair.
3. Suppliers make lofty promises about supporting you 24/7, until you have a problem.....
4. Bulk ink systems or refillable cartridges which are open to air are used. This allows bacteria to grow in the ink, thus damaging the printer.
5. Suppliers make claims that their equipment / inks / papers (which are cheap rip-offs of the original product) are better than the originals. This is regrettably not true.

If you buy cheap junk, you will eventually end up at our door, crying.....

WHY SHOULD I BUY FROM JG ELECTRONICS ?

- We make our money from the consumables. It's in our best interest for you to be successful.
- We use Ricoh printers with a sealed cartridge system. This is **much more reliable**.
- We are NOT the cheapest, which is why we have the have stock and spares readily on hand.
- We are the importers / sole agents for the items we sell, and as such we honour the warranty.
- We provide Training Manuals, Training Videos, business guides, templates, marketing material, marketing guides, ongoing support **and personal training** (at our offices).
- We have the widest range of consumables in Southern Africa.
- We sell products based on their reliability and not just the amount of profit we can make.
- **We have been in business for 24 years now, and our track record speaks for itself.**
- **Look at the complete package we offer and not just the price of equipment.**

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

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.

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

Absolutely, we highly recommend you come in **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've been told that I don't need a colour profile and that I can use plain paper – is this true ?

Yes, this is true, however you won't get any repeat orders from anyone. If you do any corporate work, these jobs will be thrown back at you. Without colour matching, the colours are dreadful. Without sublimation paper, the print is faded and grainy.

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 595 + VAT, you will get some popular products, already 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. **Not all these items are in the pack**



We represent the following world renowned brands:

- **Beaver Paper** (Textprint sublimation paper)
- **Geoknight** Heat Presses (George Knight Company)
- **Muggit** sublimation blanks and presses
- **Sawgrass** sublimation inks
- **Unisub / Chromaluxe** premium quality sublimation blanks
- **Sun-Fly** polymer sublimation blanks
- **Photousa** – sublimation blanks
- **Ikonics / Photobrasive systems** – Photomasks for photo quality sandblasting
- **Microlens** – lenticular lenses
- **Forever** papers – transfer papers
- **CMW** – Transfer papers
- **Silhouette** – Cameo Vinyl Cutters
- **Best Sublimation** – sublimation blanks
- **Chomas** – Engraving and Embossing Kits

CORELDRAW 2014™ (EXCELLENT –FOR USERS WHO HAVE USED A COMPUTER BEFORE)

Now's the time to unleash your creativity and design countless projects with ease! What can you do with CorelDRAW® Home & Student Suite 2014?

Design

- Design projects for print and web with a complete set of drawing, tracing, photo-editing and web graphics tools
- Generate a wide variety of creative output, including school reports, drawings, visual presentations, flyers, photo projects, unique logos, original T-shirt designs and more

Build Layouts

- Create innovative and unique page layouts with a variety of professional templates and design features

Illustrate

- Add creative and robust effects to artwork with clever shaping tools
- Illustrate with a variety of user-friendly tools, brushes and colors to achieve the look you want

Edit Photos

- Improve any photograph with simple photo tricks, such as retouching and enhancement, bitmap creation and digital painting
- Work with RAW files for more control, plus preview image adjustments in real-time

Create Web Graphics

- Make your web pages more appealing by adding navigation buttons and background textures, plus simplify the process with web tools like Preview Mode and the Export Dialog box

User-friendly features!

- **NEW!** OpenType options in Dockers
- **NEW!** Draw and modify shapes and lines with precision
- **NEW!** Customize applications
- **NEW!** Adjust brushstroke transparency and feathering
- **NEW!** Draw arcs with Polyline tool

Find all the learning tools you need

- Step-by-step video tutorials
- Intuitive Hints docker with videos and tips
- Ready-made templates
- Helpful insights from product experts
- Electronic guidebook and 2 hours of training videos

Text Tools

Expand your artistic style with the text engine features, allowing you to design personalized cards, presentations, invitations or reports

Design Tools

Create a consistent appearance to your drawings with the versatile page layout tools

Photo Tools

Remove unwanted objects from any photo using the Smart Carver™ tool in Corel® PHOTO-PAINT™



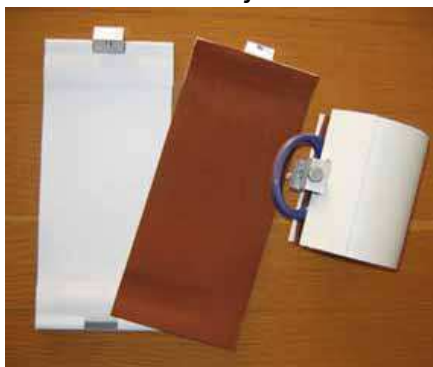
The Coreldraw™ **2014 HOME & STUDENT** bundle is a somewhat lighter version of Corel X7, with some features that most people never use removed, but with extra features not found in Corel Essentials™, like the CUTOUT lab which makes it easier than ever before to cut people and objects from the background.

If you need to do a lot of image editing, it's a worthwhile idea to update to this version – R 1295 + VAT

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

MUG CLAMPS

- Allow you to produce 12-15 mugs at a time in a standard household oven / 3D Press
- You can produce 500+ mugs per day
- Save time and are really easy to use
- Best used in conjunction with mug press (ask us for details)



T-SHIRT PRESSES

- The best presses are from Geoknight in the USA – lifetime warranty on the element.
- Muggit economy presses from China / Korea – good quality, but not as good as USA.
- We carry parts and service / repair all presses we sell.

Geoknight Combo Press

- By far the best press we've ever come across
- Excellent for industrial use and built to work hard all day, every day.
- We have customers using the same press for 15 years +
- Excellent pressure and temperature control.
- We use 2 Geoknight presses ourselves.
- Can add a Cap attachment to it for cap pressing



CAP PRESSES



CAP PRESS

- For printing onto caps and kit / tog bags
- Can accommodate a variety Cap styles
- An excellent addition to any print system
- USA (lifetime warranty on element) and Chinese presses available.



Plate Puck Kit

Printed Photo plates are very popular. You can produce them with the **PLATE PUCK KIT**, which works in a standard **T-shirt press** or with a plate press.

Muggit™ Plate Press

- Ideal for busy work environments
- Doesn't tie up your Tshirt press
- Excellent pressure and temp control
- Ideal for volume users



SILHOUETTE CAMEO VINYL CUTTER

- Allow you to cut vinyl for shirts
- Sticker vinyl for signs and car decals
- Cuts stencils for acid etching & sandblasting
- Cuts stencils for fabric painting
- Cuts Stencils for Stamp making
- Can engrave with optional engraving kit
- Can emboss with optional embossing kit
- Can draw words / designs with standard gel pens (needs pen holder)
- Can draw words / designs with koki's (needs koki pen holder)
- Can cut Tshirt papers
- Can cut paper crafts and even some fabrics
- The most reliable cutter we've ever seen



In the example, below we want to print a yellow shark onto a dark blue shirt.

The image on the left shows what happens when we use the dark shirt 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

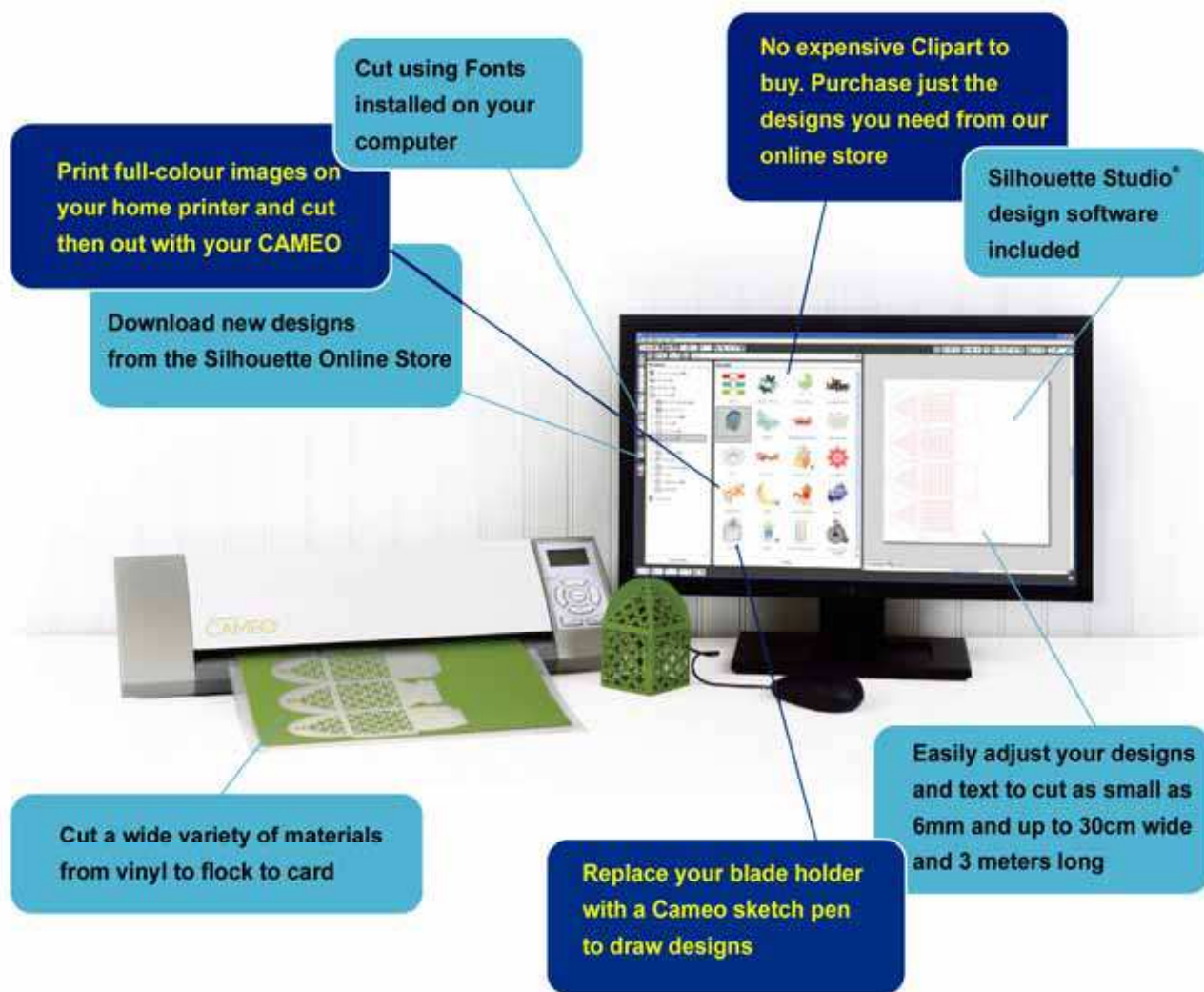


Paper cut with scissors around edges



Paper cut with vinyl cutter





Included in the box:

Silhouette CAMEO™
electronic cutting tool
USB cable
AC adapter and power cable

Silhouette instructional DVD
Silhouette Studio® design software
cutting mat
adjustable blade
50 exclusive digital designs



Only R 3,504 + VAT

OPTIONS FOR THE CAMEO INCLUDE

Glass Etching Kit, Rhinestone Decoration Kit, Fabric Painting Kit, Stamp making kit, Sticker Kit, T-shirt transfer kit, Stencil kit.



Different Mug Grades – which should I buy ?

1. **DISHWASHER SAFE** – (MUGGIT DISHWASHER printed on bottom of mug)

- The best coating we have – dishwasher safe rated for 100 repeat cycles
- Food safe as tested by the European Food Safety organization
- More expensive than any other coating – cheap mugs are not dishwasher safe no matter what the supplier might claim.

2. **MUGGIT Premium Grade** (MUGGIT PREMIUM printed on bottom of mug)

- Same grade of mug as above, but the coating is DISHWASHER RESISTANT only
- Best Handwashed
- Lower cost of mug – thus most popular mug
- Colours are absolutely brilliant

3. **MUGGIT PREMIUM Plus** (MUGGIT PREMIUM plus printed on bottom of mug)

- Similar to Premium grade, but comes pre-packaged in a gift box

BE EXTREMELY CAREFUL OF:

There are many unscrupulous companies who sell mugs, and call them “**Premium or even Dishwasher safe**”, but they are cheap **junk with lots of pimples on the mug itself** which prints very badly.

We get so many people coming to us daily crying because they bought low cost garbage that their customers have thrown back in their face.

An example of a rubbish mug.



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)

MUGGIT 4D – RUBBER STAMP SYSTEM

- An excellent add-on for any business that deals with companies daily
- Easy to produce – all you need is this kit, a computer and an inkjet printer
- Self inking stamps are a breeze to do
- No expensive laser cutters required



The system comprises:

- UV Exposure unit (can also be used for crystal decoration)
- Starter pack of all the stamps and stamp making material
- Coreldraw™ X6 Essentials (FREE)
- Assorted self inking stamps in various sizes, and types
- Full instructions

All you need to use this system is an inkjet printer (that can print transparencies) our system and a computer.

For only R 16,969.00 + VAT = R 19,344.66

MUGGIT 4E –Crystal & Glass Decorating System

- Allows you to print onto any glass / crystal and some Perspex
- Works with any inkjet printer than can print transparencies
- All equipment included in this kit
- The equipment can also be used to join glass panels (like awards and fishtanks)

How profitable is this ?

A crystal keyring costs just R 9.50 (incl. the crystal) – this keyring can easily be sold for R 45 or more.
A crystal sports award (with a base stand), costs just R 125 to make, which sells for R 475 or more !

Markets for this technology

- Awards (school and corporate)
- Photographers and Photographic work (photo's of brides, kids etc)
- Corporates (for product images)

This system comprises:

- Crystal Curing Machine
- Crystal Glue
- Transfer papers (10)
- **Coreldraw™ X6 Essentials (FREE)**
- Assorted crystals
- Instructions

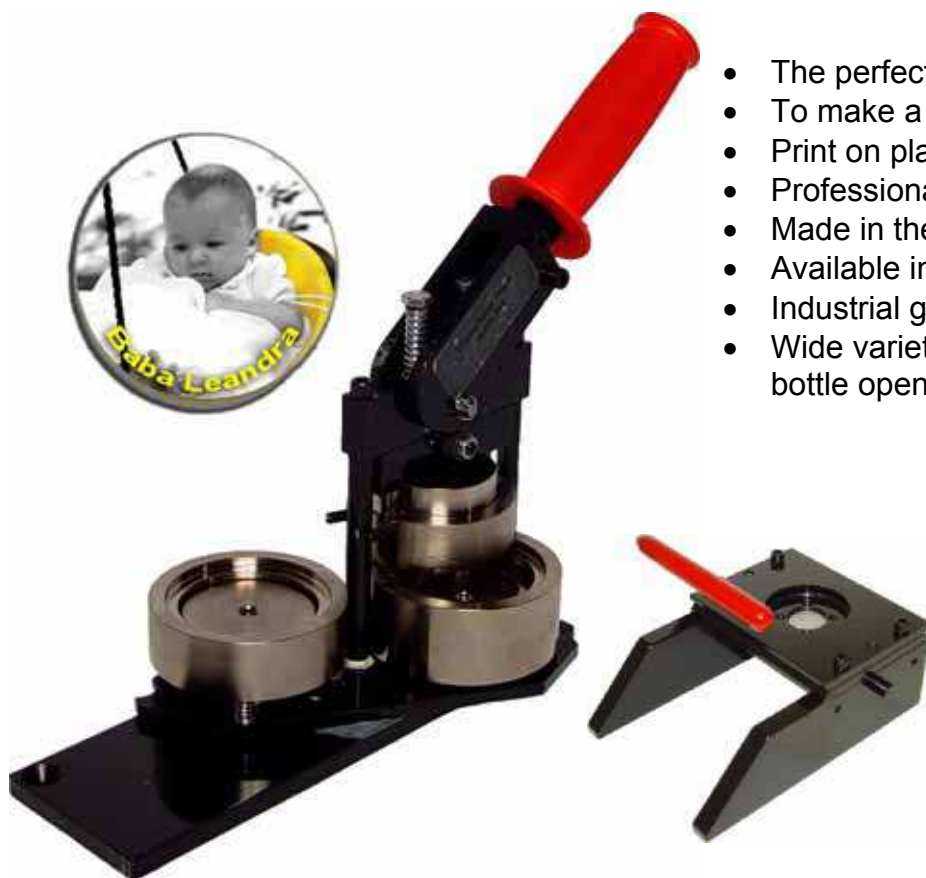
R 7,810 + VAT = R 8,903.00

**Crystals are priced from
R 8.50 to R 199 each.**

**SEE OUR WEBSITE FOR OUR
CRYSTAL CATALOGUE.**



MUGGIT 4G BUTTON BADGE SYSTEM



- The perfect add-on for any existing business
- To make a button takes seconds
- Print on plain paper with a standard printer
- Professional results
- Made in the USA – excellent durability
- Available in 56mm, 37mm and 25mm sizes
- Industrial grade machine
- Wide variety of buttons – magnetic, pin, mirror, bottle opener, keyring etc.



We don't sell the cheap chinese machines with multiple dies as they are junk.

How can you profit ?

The raw materials for the button badge, cost less than 99c each in small quantities, and 20c for the print and ink, giving you a finished product costing R 1.19, which can easily be sold for R 19 or more (in small quantities), or R 4-90 in larger quantities of say 200 pieces.

The 25mm system - R 4.895

The 37mm system - R 5.195

The 56mm system - R 5,295.

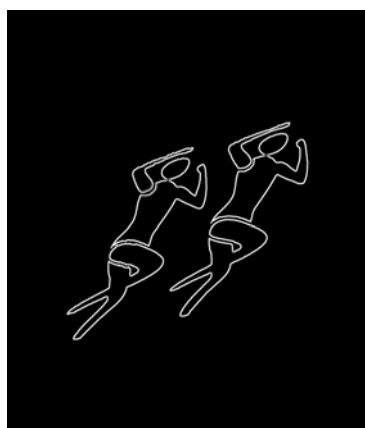
All these prices are VAT Exclusive and include a sampling of free buttons (min 200pcs)

PHOTOBLASTING SYSTEM - MUGGIT 5

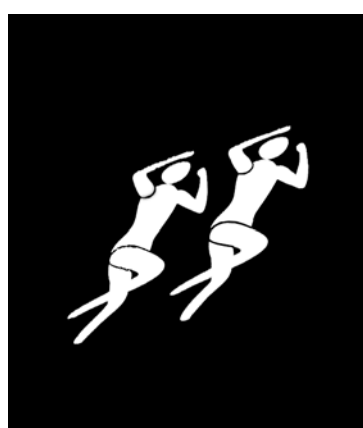
- Allows you to sandblast the finest detail possible – even photographs
- Process uses a photographic mask instead of vinyl
- The sandblasted item can be filled with individual colours

HOW CONVENTIONAL SANDBLASTING WORKS

- Vinyl is cut in the shape of the logo / text to be sandblasted
- Where the item is to be blasted, the vinyl is removed (weeded) from the sheet
- The remaining vinyl is stuck onto the item and then sand is “sprayed” at high pressure
- The sand bounces off the vinyl, but where there’s no vinyl it cuts into the substrate
- The detail in the logo / size of the text is limited by how fine the vinyl cutter can cut
- Very complex images are extremely difficult / impossible / time consuming to weed



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)

ADVANTAGE OF PHOTOBLASTING

- You can produce complex logos and fine text not possible with a vinyl cutter
- You can turn a photo into a “halftone” of very fine dots and blast those dots
- There’s no weeding so you save labour
- You get laser engraving quality for a fraction of the cost of laser engraver
- You can even do 3D sandblasting
- Customers are looking for better quality and finer details. This does both

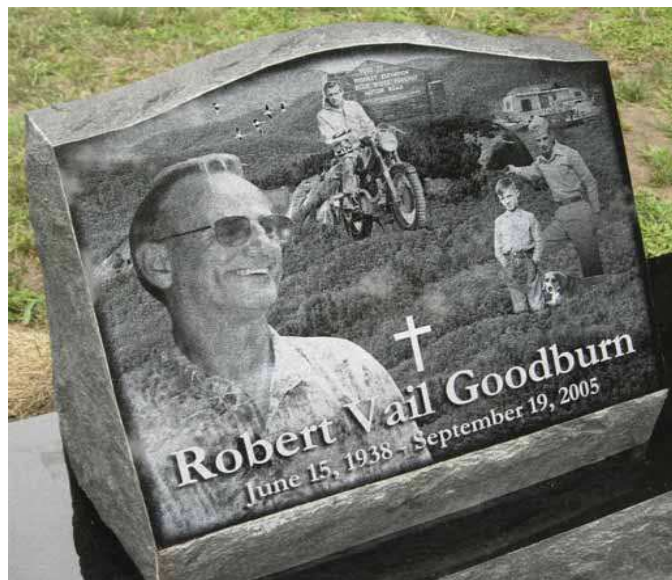
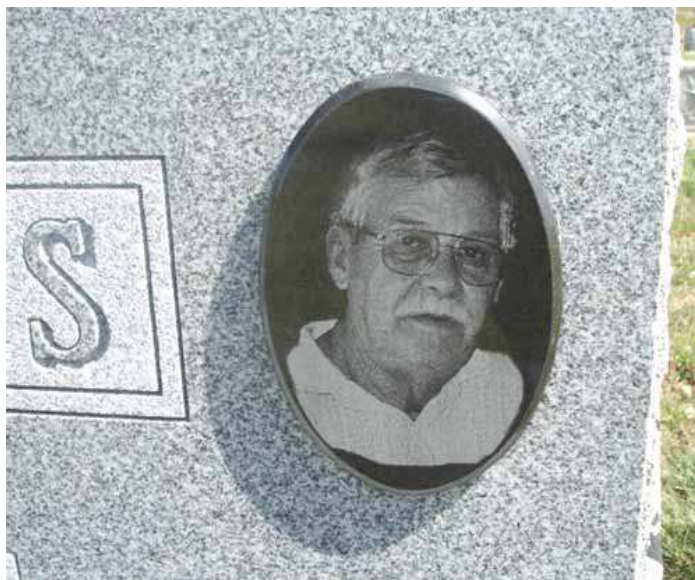


MEMORIAL IMAGES

Without a doubt, producing images for memorial use is the most lucrative market for photo-blasting, as this process is in huge demand in Southern Africa.

Sandblasted memorials are preferable to the printed coloured photo tiles, due to the headstones being damaged by thieves who use crowbars to steal the coloured photo tiles.

A 20cm granite tile with a sandblasted photo costs around R 140 to produce and is sold to the tombstone companies for around R 900 and to the end user for around R 2000 !



The Standard Photo blast system includes:

- A complete Photo blasting wand & pressure pot
- Air regulator, and blast cabinet (complete)
- Dextralite UV Exposure unit with digital timer
- High pressure wash out unit
- Tungsten Carbide Blast Bit (extremely durable)
- **Coreldraw X6™ LITE** Original Software (OEM)
- 10 sheets Rapidmask + 10 sheets R3 / Ultrapro Photo masks
- Training + **TRAINING VIDEO + Pack of Sand – 220 Grit**
- 2 x 10-sheet Packs of Positive film for printer
- Sample Sandblasted Crystal



Only R 14,065.00 + Vat = R 16,034.10 – (items can be bought separately if required)

Add R 3,995 – for a Vinyl Cutter so that you can do not only the complex jobs, but the simple ones as well.)

PLEASE NOTE THAT THIS PRICE DOES NOT INCLUDE A COMPRESSOR

YOU WILL NEED A 50 - 100L, COMPRESSOR (A belt driven type is best).

IMPORTANT INFO ABOUT JG ELECTRONICS

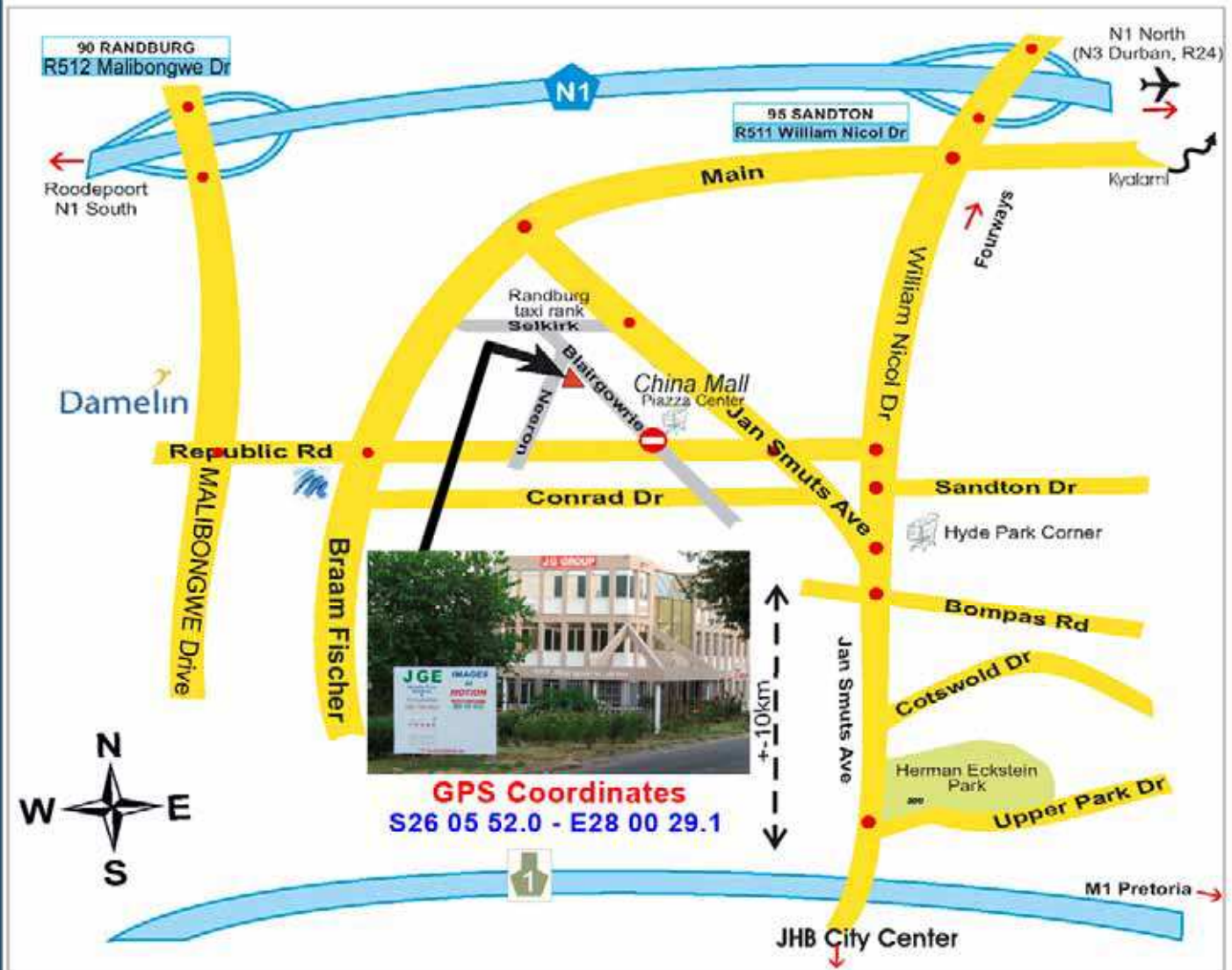
- JG Electronics was founded by John Georgiou in 1990, (**TWENTY FOUR YEARS**) ago.
- We have customers throughout Southern Africa, including all our neighbouring states, most of Africa, Mauritius and Seychelles.
- We have a number of well researched and well developed systems.
- We don't sell junk. If we're not happy to use it ourselves, we don't sell it.
- With our equipment you can produce singles or multiples of products in 16.7 Million colours (the print systems).
- We don't make false claims.
- Everything we sell is has been tried and tested, and is serviced in South Africa.
- What we don't manufacture locally, we import direct.
- We give honest advice pertinent to your situation. If we don't think you should buy one of our systems we tell you.
- We advise you what works in a particular market and what doesn't sell.
- We have four full time customer / tech support people.
- We provide training on all our equipment as well as training manuals in English (not Chinglish).
- We supply templates for the products we sell.
- We know what we're doing – we don't pretend.

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

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 taxirank 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 Malibongwe Drive

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. You will see the China Mall shopping centre on your left. We are in the street behind this centre, so go round the block to get behind this centre. Up Jan Smuts, left into Selkirk, and then your 1st left. About 100m down you will see a split in the road. Our building is behind the split.



076 329 8999 (tel) 011 972 1386 (fax)
maps2u@xsinet.co.za

Copyright © 2006 Maps 2U