

CONTENTS**PAGE**

Important info about illegal and potentially dangerous products	3
Important info about our systems and explanation of transfer technologies	3 - 4
Muggit 2 – T-shirt & Fabric, Vinyl Signage Transfer system	5
Muggit 3C Lite – Low cost entry level system	6
Muggit 3C Mug Lite – Mug only print system	7
Muggit 3C Basic – Versatile Sublimation based printing system	8
Muggit 3C Pro – Professional System	9
Laser Print Systems – an introduction	10 - 11
A4 OKI White Production Toner Corporate Gift – Laser print system	12
A3 OKI White Production Toner Corporate Gift – Laser print system	13
Prices on the White Toner Lasers by themselves (not a whole system)	14
RIP software for White Toner systems – Do you need it ?	14
Frequently asked questions – VERY IMPORTANT	15 - 16
Sample packs and brands we represent	17
Optional Equipment upgrades	18 - 19
Different Mug Grades Explained	20
Muggit Coating Film & Sublimation printable transfer vinyl	21
Glass Etching and Duraluxe Outdoor Metal	22
Sublimer Acrylic – HOT new product	23
Sublimer Acrylic 2 Tone & Synthetic Bamboo – HOT new products	24
Muggit 4G - Button Badge Press – why you need one	25
Important information about JG Electronics	26
Map on how to get to our premises (Jhb)	27
Map on how to get to our premises (Ctn)	28
Map on how to get to our premises (Bfn)	29

DUE TO THE INSTABILITY OF THE RAND & INTERNATIONAL FREIGHT COST CURRENTLY, PRICES ARE VOLATILE. PLEASE GET AN UPDATED QUOTE WHEN YOU ARE READY TO BUY.

Kindly Note:

1. All prices exclude VAT at 15%. 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.

EXTREMELY IMPORTANT PLEASE READ

All electrical and electronic products sold in South Africa, including heat presses, printers and vinyl cutters need a LETTER OF AUTHORITY (LOA) issued by the NRCS if they are to be imported or even manufactured locally. This LOA is ONLY given if the product has been tested and found to be safe for consumer use, not harmful to the environment and it conforms to compulsory South African safety standards.

Any product which does not have an LOA and is imported into the country is liable to be seized and destroyed should the importer be unable to procure an LOA (which can take 6-8 months). Even if two different importers are importing the same product, each needs to have their own LOA for the product to be legal, and they also have to pay a levy for each unit imported into the country.

All products sold by JG Electronics that require an LOA, has it.

CORONAVIRUS UPDATE & PRICING

Our products are safe to purchase and handle even if they come from China. The virus doesn't live long on surfaces and goods take weeks and months to get here.

Due to Rand Volatility, prices can change quickly. Don't leave quotes too long.

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

GELJET

A geljet printer (such as the Ricoh models) is a hybrid between a laser printer and an inkjet. It can print much higher volumes than a standard inkjet without needing a service, yet still has all the advantages of an inkjet printer (such as very high resolution, low cost of cartridges, and excellent skin tone reproduction). When coupled with a T-shirt press, it makes for an affordable entry level image transfer system. A geljet printer is 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 are cheap 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 and geljets. With the new range of **Forever**™ transfer papers, they can be used to print onto traditional corporate gifts such as pens, rulers, diaries, leather, wood, mirrors, ceramics and so on in both full colour and also gold and silver.

They are the best printers to use for corporate gifts as the colour matching is extremely good, and the toner is not see through, which means they are perfect for clear glass items for example.



Laser printers print solid colours more reliably than inkjet or geljet printers, and some models even have white toner which allows one to print onto dark or black products which no other affordable printer can,

Plastic items can be transferred onto with Laser, with the advent of papers which require as little as 80C for the transfer. Crystal awards can also be printed with a laser printer.

On coated mugs, wash ability is similar to sublimation mugs.

Disadvantages

Page yields for full colour work are low if you go for a low end cheap printer (meaning high print costs). Lasers aren't as good as sublimation, inkjet or geljet printers for skin tones and photos of people. A photo of a person's face looks very "dotty" on a laser.

Low abrasion resistance on final print – so for example not good for mousepads, or keyrings as toner will start rubbing off the mousepad or keyring with use.

SUBLIMATION

Sublimation is by far the best technology for photo quality image transfers. These systems use a Sawgrass gel printer which is the only desktop printer in the world manufactured specifically for the sublimation process. Other printers are modified for sublimation and in the process lose their warranty and tend to have issues with head blockages and lack of colour matching.

Sublimation is used commercially to decorate Ties, all Sportswear (including the Neon ones), Flags, Silk Scarves, Sweatbands, most full colour Mugs, all polyester, Nylon and Lycra clothing.

Advantages

You can transfer onto any coated surface, including Metal, Wood, high temp 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 15,000 !

Transfers are superb – bright rich colours, with photo quality prints.

Transfers on synthetic fabrics are permanent and don't wash out – not even with bleach.

Transfers onto dark substrates used to be a problem but we had a special transfer vinyl developed for us which makes it a simple affair now.

Disadvantages

All items have to be coated for sublimation to work (though we do sell spray and adhesive coatings). Sublimation transfer systems are made for image transferring only and are not suitable for printing business cards, letterheads etc. The substrate being decorated must be able to withstand a temperature of 120C if using our film coating.

MUGGIT 2 – Vinyl cut & transfer system (ideal for the Covid Situation)

The Muggit 2 uses a Cameo 4 vinyl cutter, together with an A4 T-shirt press to create the perfect essential services system. You can cut transfer vinyl and use it to decorate fabrics (you can even put different colour vinyl on top of each other to create the amazing shirts in our examples). You can also make Face Shields and facemasks with the cameo (optional fabric blade needed for the cloth facemasks). We can sell you the Acetate and raw materials for the face shields or you can source it yourself. We will give you the patterns at no charge. You can also make stickers, and decorate pretty much any surface with the transfer vinyl or sticker vinyl. The transfer vinyl can be used on pretty much any surface that can handle 130-160C for 10 seconds.



The transfer vinyl comes in a lot of colours, patterns and even metallic, neon, glow in the dark, colour changing variations.

The system includes:

- Muggit Swing Away Heat Press – 23 x 30 cm **with two year warranty on the element**
- Silhouette Cameo 4 vinyl cutter
- Assorted colours transfer vinyl (1m of each)
- Scraper + 3 pcs Vinyl Weeding Hook Set
- Comprehensive manual and instructions.
- Patterns for the face shields and face mask with instructions

R 8,640.16 + VAT = R 9.936.18

- Upgrade to 600mm wide Cameo 4 pro and 60 x 40cm heat press – add R 10,708.50

MUGGIT 3C Lite Mug – 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 high definition Sawgrass printer we use on all our sublimation systems – we won't compromise on this, coupled with an Muggit™ 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 80% of the available mugs).

The Muggit 3C Mug lite system includes:

- **Sawgrass SG500** UHD Gel Printer (A4) – (the ONLY desktop printer made for sublimation)
- Starter pack of **Sawgrass™ UHD** sublimation Inks
- **Muggit Lime™** mug press which does all 11oz standard Mugs
- Sawgrass Virtuoso Print manager for sublimation + Training Videos + Manuals
- Premium grade Heat Tape, Digital Timer, Scraper
- 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)**
- 24 White Premium Mugs
- 12 Colour change matte black mugs
- Pack of 50 sheets sublimation paper

-For only R 10,954.14 + Vat = R 12,597.97

- Add a Muggit 38 x 38cm High pressure T-shirt press for R 4,995.00 (incl.) – highly recommended.
-
- Add a vinyl cutter (Cameo 4) for just R 6,295.00 (inclusive) – highly recommended.
- Add the Silhouette Hook Set to make weeding vinyl a breeze – R 159.85 (incl.)

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!

WHAT CAN YOU PRINT WITH THIS SYSTEM ?

- You can print almost everything made for sublimation printing.
- Items include: Metals, Ceramics, Plastics, Fabrics, Wood, Magnets.

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

A **white mug** costs R 20.00 (complete) and sells for R 49 to R 195. A **colour change mug**, costs up to R 49.00 and sells for up to R 295 ! A **polyester T-shirt** costs R 70.00, and sells for around R 195.00 . A **cotton T-shirt**, will cost R 60.00, and can sell for R 125 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, T-shirt, Cap & 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:

- **Sawgrass SG500** UHD Gel Printer (A4) – **2 Year warranty** (if used with genuine Sawgrass inks)
- Starter pack of **Sawgrass™ UHD** sublimation Inks
- **Muggit 8-in-1 High Pressure T-shirt & Tile press** (38 x 38cm platen)
- **Muggit Full wrap around Mug Attachment with 4 x elements**
- **Muggit Plate attachments** (for pressing side & dinner plates)
- **Muggit Cap attachment**
- Sawgrass Virtuoso Print manager for sublimation + Training Videos + Manuals
- Heat Tape + USA Teflon + A4 Nomex Pad + 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
- Transfer papers for sublimation, dark fabrics and light cotton
- Muggit Coating film (allows you to coat your own products for sublimation)
- 6 White premium mugs + Scraper
- Sublimation circle and 5 pack of sublimation keyrings

-For only R 15,749.71 + Vat = R 18,112.17

- Add a vinyl cutter (Cameo 4) for just R 6,295.00 (incl.) – highly recommended.
- Add the Silhouette Hook Set to make weeding vinyl a breeze – R 159.85 (incl.)

All items can also be purchased separately if desired

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



shields (we can supply the raw materials).

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

- This system includes separate mug and T-shirt presses, so you can produce larger volumes.
- The Mug press is our most advanced and comes with 6 x different sized mug elements from Jumbo mugs, right down to tot glasses. This gives you the most versatility.
- A Silhouette Cameo 4 vinyl cutter is included. This allows for advanced decoration as well as the manufacture of cloth face masks (with optional fabric blade) and the production of Face

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. You can also upgrade the vinyl cutter to a 24" (610mm) wide unit, thus increasing the range of jobs you can do with it.

The Muggit 3C Pro system includes:

- **Sawgrass S500** UHD Gel Printer (A4) – (the ONLY desktop printer made for sublimation)
- Starter pack of **Sawgrass™U HD** sublimation Inks
- Silhouette Cameo 4 Vinyl Cutter
- **Muggit 38 x 38cm** Swing Away T-shirt press
- Separate **Muggit 6 Element** Mug Press + separate Digital timer
- Sawgrass Virtuoso Print manager for sublimation + Training Videos + Manuals
- A3 Nomex Pad + USA Teflon sheet + Scraper + Cameo Hook Set
- Product Marketing CD (with pictures of all products on for you to show your customers)
- "Marketing & Running your own print business" guide
- Transfer papers for sublimation, dark fabrics and light cotton
- Muggit Coating film (allows you to coat your own products for sublimation)
- 12 White premium mugs
- Sublimer circle and 5 pack of sublimer keyrings
- **Coreldaw™ X6 Essentials (FREE)**

-For only R 30,067.41 + Vat = R 34,577.52

- Upgrade to an A3 Sublimation printer (Highly Recommended) – Add R 18,400.00 (incl.)
- Upgrade Vinyl Cutter to Cameo 4 Pro (600mm wide) Add R 5,199.25

An introduction to transfer printing with a laser printer.

A colour laser printer / copier when coupled with the Forever range of transfer papers, gives you the opportunity to print a much wider variety of products than a sublimation print system can, but is not actually a replacement for sublimation. Confused ? Read on and we'll explain.

How does the laser transfer process work ?

A laser printer uses dry toner, which when transferred sits on the surface of the printed item. The toner is thicker than a sublimation or inkjet transfer, which means that colours are richer which is perfect for logos and solid colours. When transferring onto a clear glass substrate the ink is more opaque (less see through) and text can be printed finer.

Coupled with the Forever papers, a laser printer can transfer onto both coated and uncoated substrates (though washability on uncoated products isn't great) and can also transfer at much lower temperatures, so plastic items like pens, USB memory sticks and the like can also be printed.

A laser printer is much faster than a sublimation printer, and can be used for both transfers and standard paper printing, so business cards, letterheads, invitations and the like can also be printed. As the toner is NOT water-soluble, a standard paper sticker printed with a laser printer will not run or smear when wet, so laser printed labels are great for wine bottles, sports bottles and so on. Also since the toner is a dry powder and there are no print heads, laser printers don't "block" if not used often.

There are some downsides to the laser transfer process but these are easily overcome by adding a sublimation printer to your print solution (a sublimation printer costs nothing in the whole scheme of things):

Disadvantages of Laser print process:

1. Photographs done with a laser are not as good as sublimation due to the size of the print dot (easily noticed on a hard surface like a mug, but impossible to see on a T-shirt).
2. Printing on Polyester fabrics is not as durable as with sublimation (but then again nothing is).
3. As the toner of the laser sits on the surface of the product, continued rubbing of the surface will wear the print off – examples of this are mousepads. As the mouse rubs on the pad it wears the toner transfer off.

On hard surfaces like metal items and pens, there is a coating which we sell which you can seal the print to reduce this problem.

4. While you can print on uncoated mugs, the print is not very durable. For best results coated mugs are required.
5. Although most of the sublimation printable items can be printed, glass items which have a white coating on them cannot be reverse printed (as unlike sublimation, the laser transfer doesn't migrate through the white), so these can only be printed on the surface, which is often not desirable especially on glass clocks, glass coasters and glass cutting boards.
6. Due to the wider variety of products you can print onto, some experimentation is required to perfect the transfer process on non-standard products.
7. Low quality T-shirt presses must be avoided due to pressure limitations, uneven pressure and heat consistency issues.

Advantages:

1. Colours are very opaque (not see through), so prints on items like clear glass are much easier to see than those done with sublimation.
2. Transfer times and temperatures are lower than with sublimation, which means that items that wouldn't be possible to print with sublimation can now be done, like polypropylene.
3. It's possible to transfer images onto items which aren't specially coated for sublimation, this gives you access to a much bigger variety of products (an endless variety in fact).
4. By using the gold and silver Forever transfer papers, you can effectively, digitally foil pretty much the same items that would normally be done with standard foiling, in any size up to A3 and with a complexity that conventional foiling could never duplicate.
5. You have a multitude of finishing options on products that have not existed in a digital format before, for instance, you can print on a piece of wood in full colour, then add silver or gold to it, and even add flock. We've printed a mug with gold and full colour and it looks awesome !
6. You can foil a product and also print it in full colour. This includes metals, wood, ceramics, glass, some plastics (including pens), leather, fabrics and so on.
7. By using a RIP (such as the Forever RIP), you can accurately calculate your costs down to the cent for each job that you do.
8. The OKI printers that we use for the laser transfer process can also print white, which no sublimation printer is capable of.
9. With the white on OKI white toner lasers dark and black items are easily printed.
10. With the addition of the Forever no-cut flex (which comes in single colours), you can decorate items in single spot colours, and special colours such as neon, white, and metallic colours and then add full colour to this. No other digital print system allows for this.
11. The printer can also be used to print paper bags, wedding invites, stationery and business cards even if they aren't white (you need the white toner laser though for dark items).



OKI White Toner Production Corporate Gift System A4



The OKI based system is perfect for both beginners and pro's alike and can easily handle from more demanding volumes. White is printed in a single pass, and with the optional RIP you get accurate costing, and maximum flexibility in your artwork which saves you more toner and thus money..



Just how awesome is this mug ?

On the corporate gift side of things, you can print even more products than ever before with the addition of white as you're not limited to only decorating white products like with conventional transfer technologies. Almost any surface is printable with this system (Product needs to be able to withstand 125C for 60 seconds).

The print cost on this awesome printer is exceptionally low (up to 1/3rd of that of other competing brands and can be reduced even further with the addition of the optional **Forever**™ RIP software.



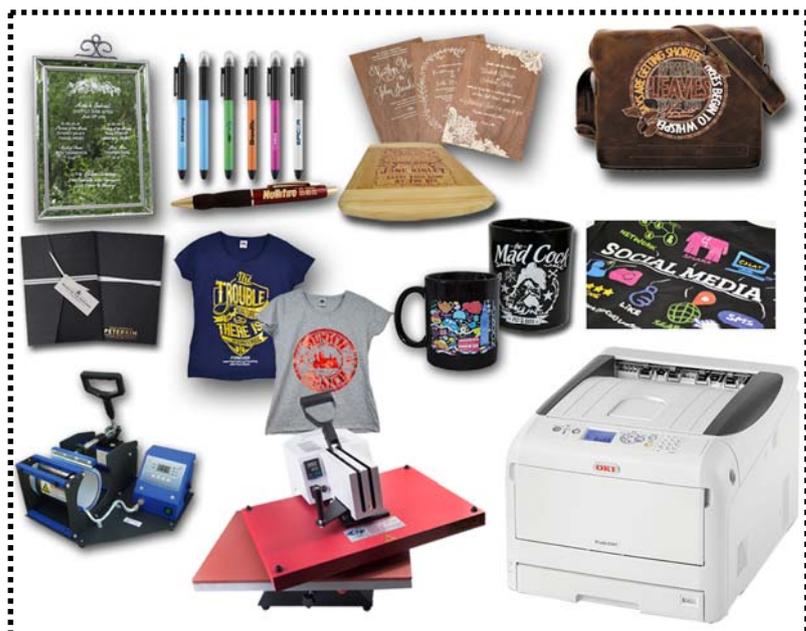
The A4 White Toner Laser based Corporate Gift system includes:

- **OKI White Toner A4 Laser printer**
- Digital Temperature Meter for use with Forever Multitrans
- Muggit 38 x 38cm **Swing away High Pressure Press**
- **Muggit Blue Mug Press**
- Forever Silicone Pad (for printing on Mirrors etc.)
- Heat Tape, Digital Timer & Scraper
- Starter packs of transfer papers
- Product Marketing CD & Sample pack of Laser printed products
- "Marketing & Running your own print business" guide
- **Coreldaw™ X6 Essentials (FREE)**

-For only R 49,206.90 + Vat = R 56,587.94

- **Add an A4 Sublimation printer for maximum versatility – R 9,194.25 (incl.)**
- Add a PEN press for pressing pens (does 10 pens at a time) – R 4,594.25 (incl.)
- Add the Cameo Vinyl;Cutter (R 6295 – 300mm) or Cameo Pro (R 11,494.50 – 610mm)
- Add the **Forever**™ RIP Software (Windows) – highly recommended - R 11,995 (incl)

OKI White Toner Production Corporate Gift System A3



The A3 version of this system includes a naturally more expensive printer, but the print cost is lower than the A4 and you can print larger size prints!

The A3 toner cartridges yield than the A4, even though they're not much more expensive so even if you bought the A3 printer and only printed A4 with it, your saving would make up the difference quickly if you're printing volumes.

With the A3 printer you can not only do larger shirts, but items like shopping bags and mirrors can be decorated more fully.



The A3 White Toner Laser based Corporate Gift system includes:

- **OKI White Toner A3 Laser printer**
- **Forever RIP Software** (saves you a ton of money in time and also toner – see page 18)
- Digital Temperature Meter for use with Forever Multitrans
- Muggit 60 x 40cm Swing-away High Pressure Press
- **Muggit Blue Mug Press**
- Forever Silicone Pad (for printing on Mirrors etc.)
- Heat Tape, Digital Timer & Scraper
- Starter packs of transfer papers + Starter pack of Forever no cut flex
- Product Marketing CD & Sample pack of Laser printed items
- "Marketing & Running your own print business" guide
- **Coreldaw™ X6 Essentials(FREE)**
- **-For only R 68,992.56 + Vat = R 79,341.44**
 - **Add an A4 Sublimation printer for maximum versatility – R 9,194.25 (incl.)**
 - Add a PEN press for pressing pens (does 10 pens at a time) – R 4,594.25 (incl.)
 - Upgrade the Mug press to the Pro version with 6 elements – add R 6,325.00 (incl.)
 - Add the **Forever™ RIP Software** (Windows) – highly recommended - R 11,995 (incl)
 - Add the Cameo Vinyl;Cutter (R 6295 – 300mm) or Cameo Pro (R 11,494.50 – 610mm)

Prices of the White Toner Laser machines themselves (incl. VAT)

For those who already have a system and just need a printer, we have the printer prices below:

OKI A4 White Toner Printer	R 42,435.00
OKI A3 White Toner Printer	R 59,994.99

Features of the *optional* RIP software for the OKI White Toner printers

The RIP is strongly recommended for professional production environments. It gives you professional print options and also saves up to 30% toner.

It introduces a level of control over the printing function which is not possible with the standard printer driver, for example:

1. You can rasterize an image (this means turn it into dots). Why would you want to do this ? Well it makes the image softer to the touch, more durable and saves you money because less toner is required.
2. The RIP gives you control of the white density, so that you can apply more or less white as the image and substrate requires it, which saves you money (white is the most expensive colour).
3. No white outline on your prints (which is what you get without the RIP)
4. The **Forever** RIP has ACCURATE job costing to the cent, including the paper, and exact amounts of toner used. This is very useful for correctly costing your job.
5. Let's say for example your artwork has black in it and you want to print on a black shirt. The RIP can remove all the black from the print and use the black of the shirt for black areas – This saves toner and gives you a transfer that's softer and more durable.
6. For production environments the cost saving alone is well worth the RIP investment not to mention the greater print versatility.



OKI White Toner Print costs vs other Brands

Like all higher end laser printers, the OKI has the toner separate to the developer, separate to the waste toner repository, separate to the print drum. This means that you only need to replace what's depleted. Developer for example lasts 3 x longer than toner.

When replacing toner all you're paying for is toner. On cheaper printers they combine the toner, developer, waste repository and drum all into the same cartridge. This means whichever is depleted 1st, you have to replace everything and pay for everything.

The OKI print cost is thus a fraction of what it is on many other competing brands.

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. The RIP Software for the Laser and Sublimation printers doesn't work on a Mac. You need to have at least Windows 10 (64-bit version ideally).
2. You need a **graphics program** which supports colour matching, else your colours come out wrong – this is why we supply Coreldraw Essentials TM with our systems.
3. **Teflon** – this is used to protect the press so that inks from the transfer process don't leach into the rubber or dirt onto the heat platen, as this can blemish your transfers.
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.
5. You need to **NOT** have a fear of selling else your business is doomed.

What are my options with your company ?

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

Why are you using Sawgrass printers ?



- It's based on the Ricoh gel printer, which makes it reliable and fast.
- It has been manufactured for Sawgrass (who is the sublimation ink manufacturer), SPECIFICALLY for Sublimation.
- 4880 x 1200dpi resolution
- 2 Year warranty on the printer
- Uses sealed cartridges – no mess and no fuss
- The colours are simply incredible.
- Full Colour management on multiple substrates and papers through Virtuoso TM software.

PLEASE NOTE FOR BEST COLOUR ACCURACY, WE RECOMMEND 64-bit Windows.

Sawgrass ink vs other inks

Sawgrass invented the sublimation ink process for digital printers, and yet others who made an inferior copy of their inks, claim their ink are the best. The joy of cheap ink is soon forgotten when the head inevitably blocks, or when the customer rejects the job because the ink has faded or is just plain wrong.

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 substandard.
3. Suppliers make amazing promises about supporting you 24/7, until you have a problem.....
4. Many suppliers are selling machinery for which they don't have an LOA – see page 4.
5. Inferior inks can damage the print head which can cost the price of a new printer to replace. Cheap ink tends to fade quickly once transferred and exposed to sunlight.
6. 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.
7. Training and manuals are non-existent.

If you buy cheap junk, it will be an expensive lesson.....

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 are NOT the cheapest, which is why we have quality stock and spares readily on hand.
- We are the importers / sole agents / distributors for the items we sell so you're dealing with the source.
- 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 quality ONLY.
- **We have been in business for 31 years now, and our track record speaks for itself.**
- **We are the company that customers who have bought cheap products elsewhere run to when they have problems – This says a lot.**

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 needs. 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 and your delivered order will most likely be rejected.

Without colour matching, the colours are dreadful, with zero colour accuracy.

Without the proper paper, you're heading for trouble as the prints will be faded and nasty.

Competitors are selling Epson printers for sublimation

The only Epson printer made specifically for sublimation is the SC-F100. Anyone selling anything else is selling you a printer with NO WARRANTY. The Epson SC-F100 has rudimentary colour management which doesn't support all the various substrates and sublimation papers available. This means that prints on a wide variety of substrates will not be consistent which can be a problem if your customer wants you to print the same design or artwork on a variety of products.

5- IN 1 MUG PRESS

These presses used to be ideal for higher volume production, but these days it's actually cheaper and better to buy multiples of the Muggit™ Lime mug press (5 of these cost less than a 5-in1 mug press. If say a controller pops, you still have the rest of the presses to use.



Pen Press (for laser print systems only)

The ideal machine for pressing pens **Only for use with the Forever multitrans papers and a laser printer.**

This machine can print up to 10 pens simultaneously.

Please note: You can only print PVC pens (we sell them)

Use with the Muggit spray coating to increase scratch resistance.

MUGGIT ECONO-2020 press

- Most cost effective of all the presses we sel. It's got a 38 x 38cm Tshirt attachment and attachments for mugs (4 sizes), plates (2 sizes) and caps. **2 Year warranty on the T-shirt element.**
- Excellent quality manufactured to our specs.
- We carry parts and service / repair all presses we sell.

Muggit A4 Press

- Our most economical press
- The perfect entry level Press
- Platen size of 23 x 30cm
- **2 Year Warranty on the Element**
- Adjustable temperature and pressure control

CAP PRESSES

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



Muggit™ Plate Press

- Ideal for busy work environments
- Doesn't tie up your T-shirt press
- Excellent pressure and temp control
- Ideal for volume users
- Can do both dinner and side plates



SILHOUETTE CAMEO 4 VINYL CUTTER

- Allows one 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 draw words / designs with standard gel pens (needs pen holder)
- Can cut T-shirt papers
- Can cut paper crafts and even some fabrics
- Has a downward force 20x more than the Cameo 3
- Has Kraft and rotary cut blade options for cutting thicker items than most others cutters in the market
- We repair them locally.
- Dual Head, head clearance of 3mm
- Cuts 300mm wide (Cameo 4) - **610mm wide Cameo Pro**
- Perfect for cutting face masks and face shields (free template available)



Transfer vinyl is NOT limited to fabrics, but can be used on any substrate that can withstand 160C for 10 seconds including glass, metal, ceramics, wood and so on.



****Transfer vinyl colour chart available on request. ****

Different Mug Grades – which should I buy ?

All of our mugs can be used with the sublimation and laser printer processes. Our Muggit Premium, Premium Plus, Dishwasher & Vendor mugs are all dishwasher safe and have the same coating. Food safe - tested by the European Food Safety organization

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

- The best grade of mugs produced (AAA). The straightest and most uniform mugs.
- More expensive than any other mug but you get what you pay for.

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

- Premium Mug grade (AA). Not as perfect as the AAA grade, but close.
- Colours are absolutely brilliant – easily the best mug on the market today.

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

- Mugs are a mixture of A and AA grade, each pre-packaged in a gift box.
- Colours not as brilliant, but very close. Coating not identical to the other mugs here.
- Advantage is that the gift box and mug combo is cheaper than buying them separately

4. **MUGGIT VENDOR** (MUGGIT VENDOR printed on bottom of mug)

- Fantastic mug grade (A), not as symmetrical the mugs above, but still excellent quality.
- The mugs we sell to our competitors (hence the name)
- Our cheapest mug, used for large corporate orders.

BE EXTREMELY CAREFUL OF:

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

We often see customers losing jobs 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 (Trademark protected)

MUGGIT COATING FILM

We have developed a special coating film for sublimation. You can either apply the film to your substrate and then sublimate it, or sublimate 1st and then apply which means that you can use a much lower temperature and time to apply the sublimated coating thus allowing you decorate items which otherwise would be impossible to sublimate like polystyrene which has a very low melting temp. We sell this coating in sheets.



MUGGIT SUBLIMATION PRINTABLE TRANSFER VINYL

This product was specially developed for us. It's like regular transfer vinyl except that it can be fully printed with the sublimation process and cut with a vinyl cutter. Finally it's now possible to decorate dark fabric without the print peeling or cracking after just a few washes. **This product is also not limited to fabric only.**



GLASS ETCHING



Glass etching is one of those extremely simple, yet highly versatile processes that very few people know anything about. This process works on glass, crystal and some hard plastics. The effect is very similar to sandblasting but without the

mess or the need to buy all the equipment. For small jobs, there's no better process.

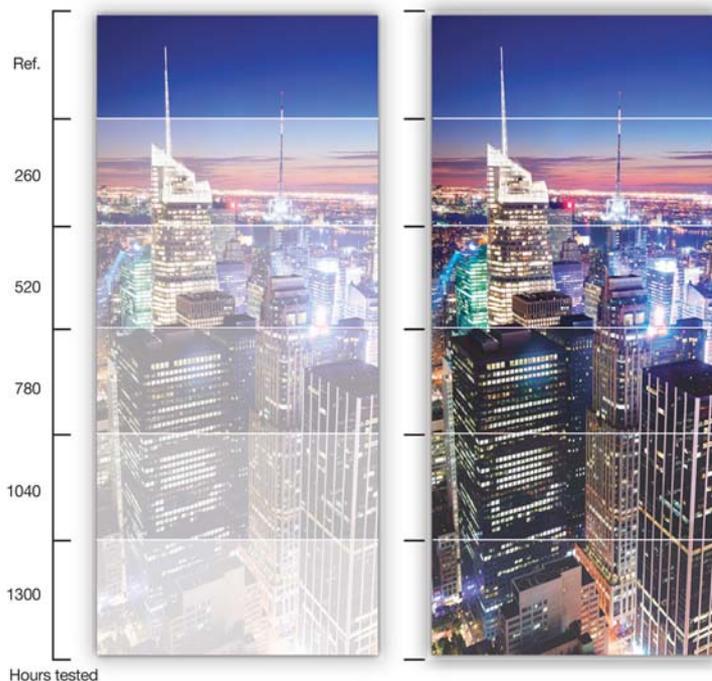
The way it works is very simple. Artwork cut with a vinyl cutter out of etching vinyl, and applied to the item to be etched. Etching cream is applied and left for a few minutes after which it's washed off. The result is a frosted look like you get with sandblasting.



We have put together a glass etching starter pack which includes everything you need to try out this amazing process. **Cost is just R 199 + VAT = R 228.85**

DURALUXE™ OUTDOOR SUBLIMATION METAL

OUTDOOR UV RESISTANCE



STD Metal

Duraluxe

Duraluxe™ metal is coating with a unique coating that is guaranteed to last outdoors (in the SA sun) for 5 years if used with Sawgrass sublimation inks.

This metal is unique in the sense that after printing, it can be bent (even wrapped around a pole), drilled, cut **WITHOUT** damaging the coating. There is even a version of this product that can be used for domestic floors (yes you can walk on it without damaging it). This metal is also suitable for chemically corrosive environments.

For outdoor applications, there is no other sublimation product that comes close to this metal.

Applications include: Indoor and Outdoor signage, **Memorial Images**, murals (indoor and outdoor), decorative images.

USA INDUSTRIAL 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're often asked about the machines that come with interchangeable dies. These machines are made in China, while the ones we sell are made in the USA. The Chinese machines don't use strong parts, which results in 2 things.

1. They break VERY quickly, but are cheaper to buy.
2. They can't successfully make metal buttons, so you have to use button blanks which are plastic, and are far more expensive than the metal buttons – you save on the machine, but waste all your money on the raw materials.



We know the USA machines are expensive, so we had allegedly "industrial machines" manufactured for us in China. The machine snapped on the 1st job of 500 buttons. Hardly the kind of quality we want to be selling.

The broken machine is shown on the left.

We have USA machines in the field that are working for over 15 years !

How can you profit ?

The raw materials for the button badge, cost less than R 2.00 each in small quantities, and 20c for the print and ink, giving you a finished product costing under R 2.20, which can easily be sold for R 35 or more (in small quantities), or R 9.50 in larger quantities of say 200 pieces.

The 25mm system - R 7,821 + VAT = R 8,994.15

The 37mm system - R 7,821 + VAT = R 8,994.15

The 56mm system - R 7,821 + VAT = R 8,994.15

The prices above include both the button press and the graphic punch (cutter).

IMPORTANT INFO ABOUT JG ELECTRONICS

- JG Electronics was founded in 1990, (**THIRTY ONE YEARS**) ago.
- We have customers throughout Southern Africa, including all our neighboring states, most of Southern 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 single items, or multiple items of products, in 16.7 Million colours (the print systems).
- We don't make false claims.
- Everything we sell has been tried and tested, and is serviced in South Africa.
- What we don't manufacture locally, we import direct or get from the authorized importer.
- 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 dedicated customer service / tech support staff.
- 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.
- Our branches are separately owned businesses.
- We are the sole Master distributor for the Muggit TM brand in Southern Africa to the extent that competitors often claim they are selling Muggit TM products when in fact they are just trying to get a free ride.

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

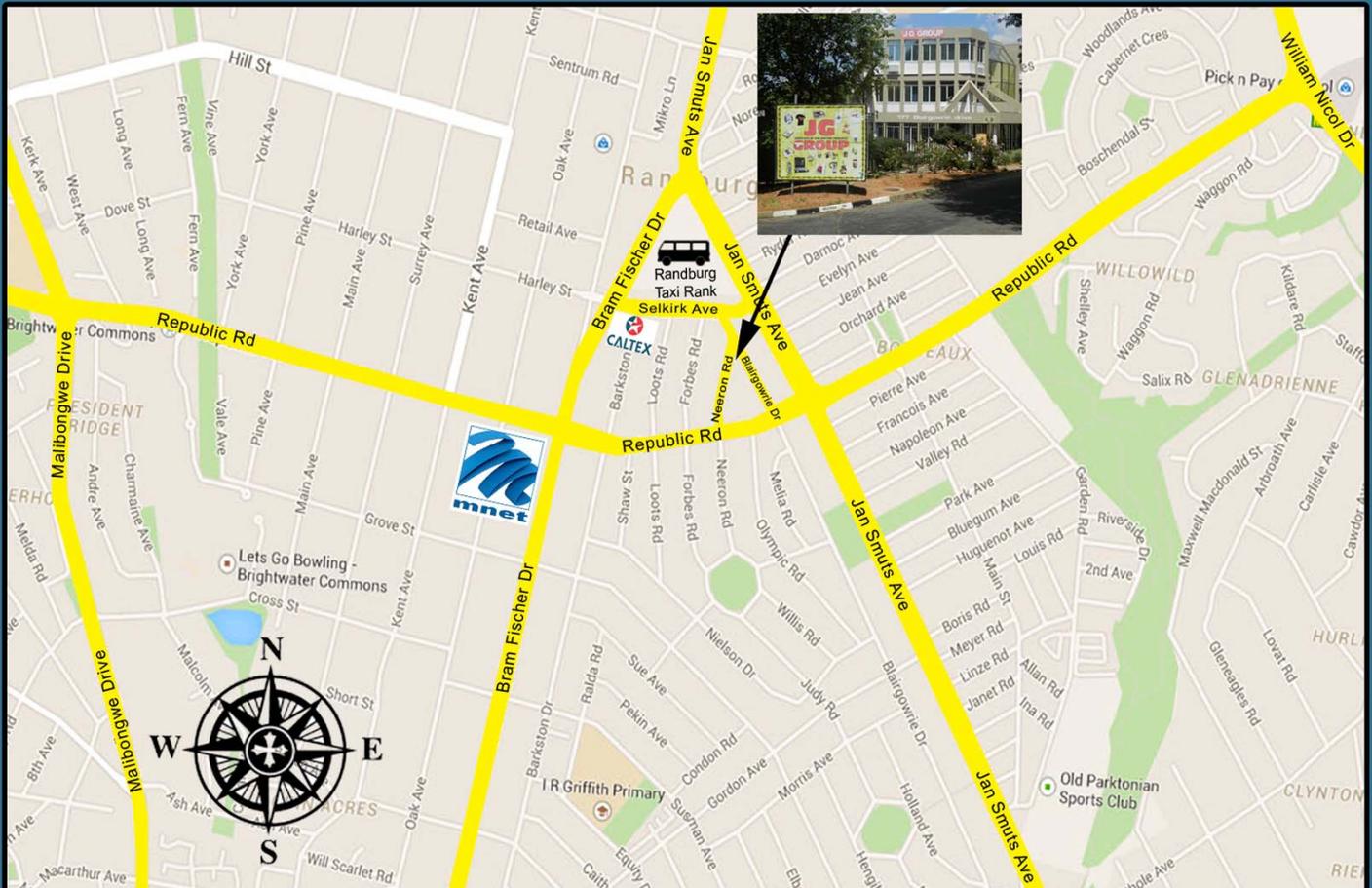


ELECTRONICS

**177 Blairgowrie Drive / 51 Neeron Road
(cnr, Neeron and Blairgowrie Drive)**

0861 789 6033
011 789 6033
083 463 8523

Fax: 011 781 3065
www.jgelectronics.com



Directions

GPS Coordinates

S26 05 52.0 - E28 00 29.1

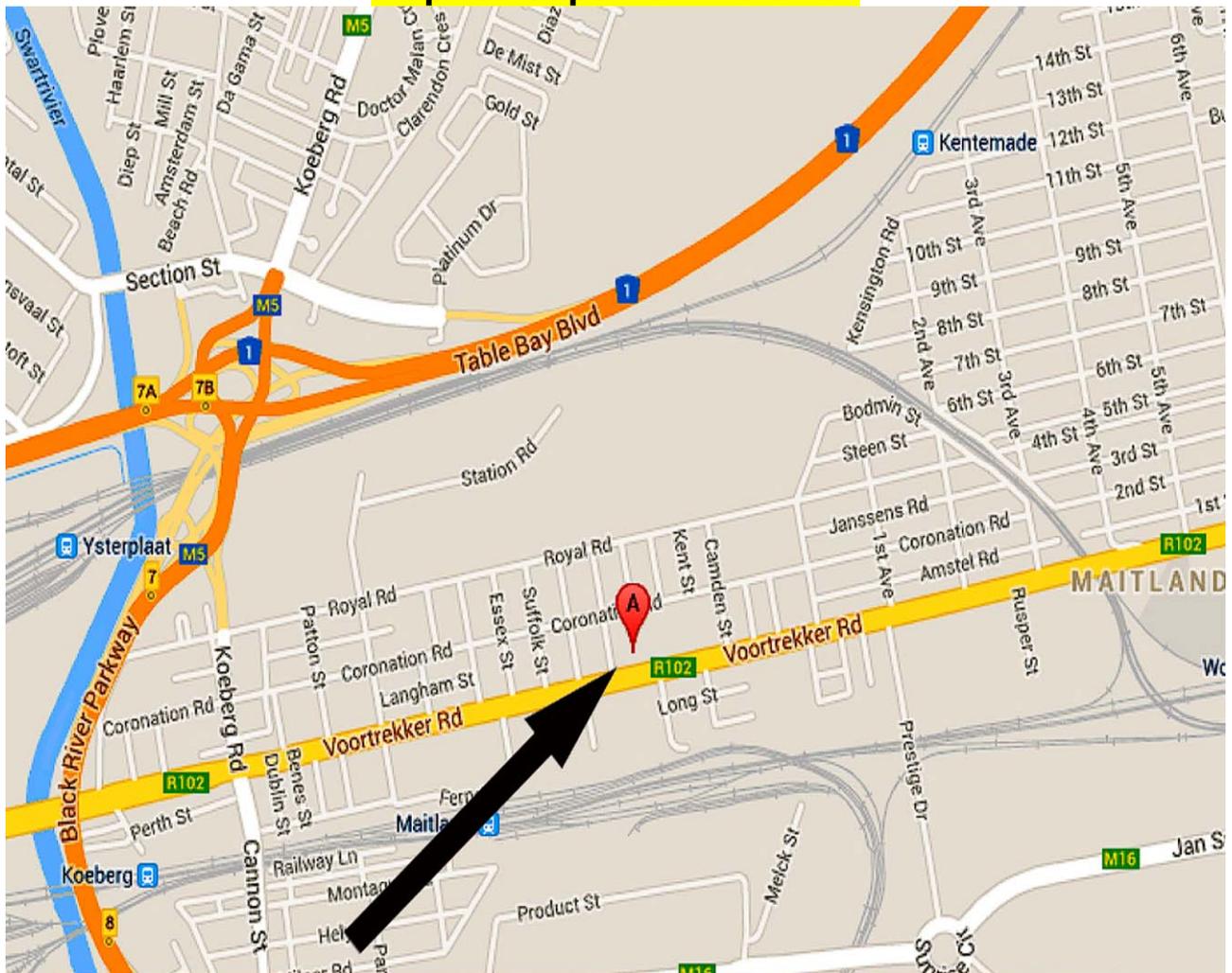
From Malibongwe Drive:

Go towards Randburg on Malibongwe Dr until you get to Republic Road, (you will see Damelin on your right hand side). Turn left and go down the hill you will see Brightwater Commons on your right hand side. Go up the hill and past Mnet. Cross over Bram Fischer and go down the hill. At the next robot turn left into Jan Smuts Ave. You will see a China Mall Shopping Centre on your left, we are in the street behind this centre. At the first robot after you pass China Mall turn left into Selkirk. The first street turn left again. And 100m down you will see a split in the road, we are on the corner on that split.

From William Nicol:

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 Randburg CBD, go past Porsche on your left. When the road splits again, take the left split onto Jan Smuts Ave and keep in the middle lane. Go past the Randburg Taxi Rank and at the next robot turn right into Selkirk. Take the 1st street left into Blairgowrie Drive. You will see the building right in front of you on the corner of Neeron.

Map for Cape Town branch

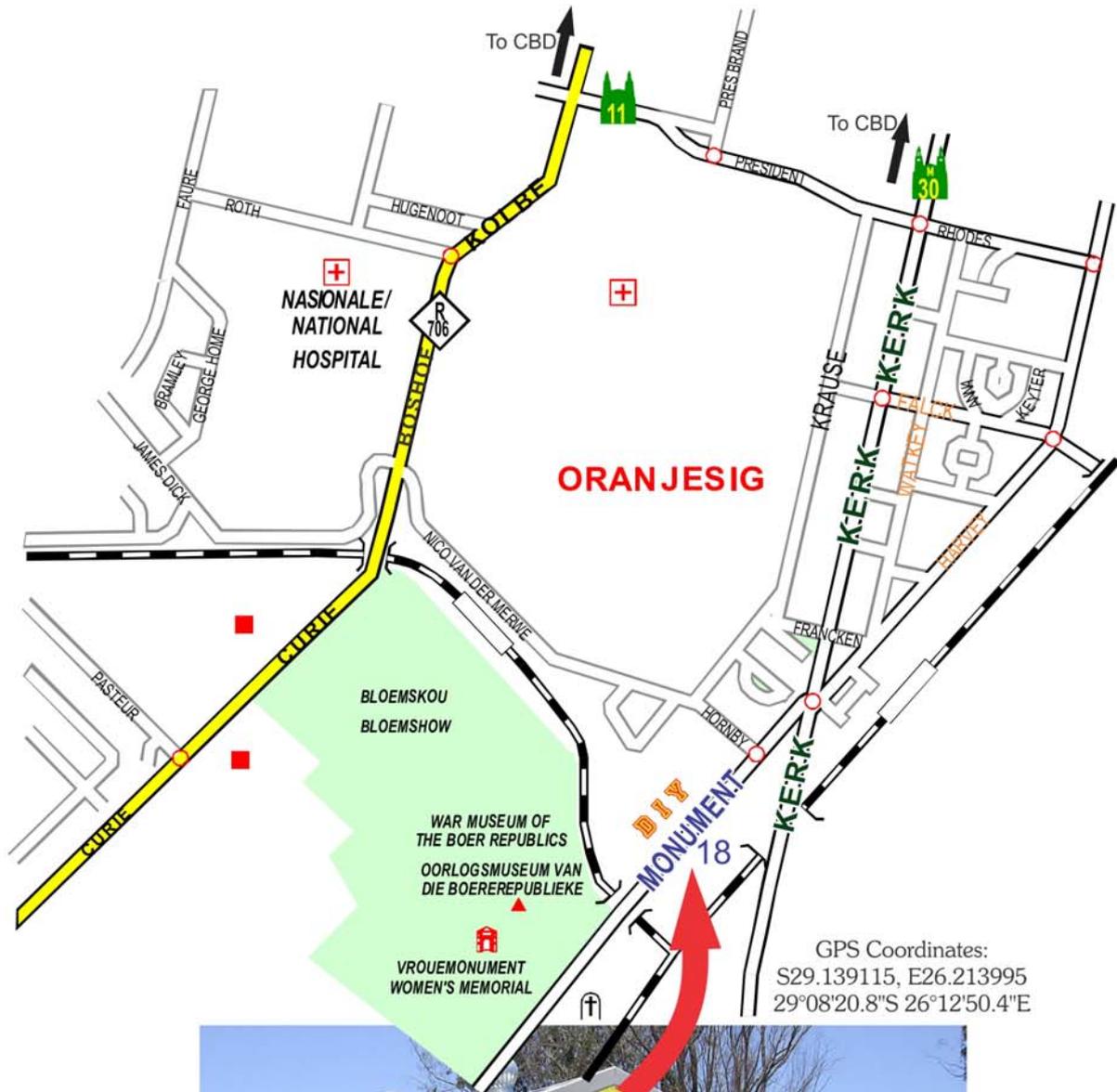


UNIT A1, 285 VOORTREKKER ROAD MAITLAND



Tel: 021 511 0134

Map for Bloemfontein Offices



Monument Rd 18b, Oranjesig, Bloemfontein, 9301
 email: bfm@jgelectronics.com
 Tel 051 430 1554