

DDZ technologies
innovative electronic manufacturing

Company Profile



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About DDZ Technologies

Established in 2004, the aim of DDZ Technologies was to provide assembly services on a small to medium scale, concentrating on prototype to small production runs. However, the company has grown into a full-scale Turnkey electronics manufacturer, offering all relevant services, and are able to handle any volumes and complexity of assemblies.

Our clients range from industries such as the Health Profession to Farming, Rail, Mining and Security, just to name a few.

DDZ Technologies are the leaders in the industry when it comes to surface mount technology (SMT) and we specialize in automated PCB assembly of small to large volume runs. No matter the complexity of board assembly we have the knowledge and equipment to satisfy all customer assembly needs.

Our services include: [Click to learn more: https://www.ddztech.co.za/services](https://www.ddztech.co.za/services)

- PCB Assembly - Small, medium & high volume
- Sourcing and procuring of components.
- Programming and testing according to customer instructions provided
- Conformal coating of complete PCB assemblies
- System integration and assembly of your complete product.
- Through-hole component assemblies
- Stock room kitting
- Inventory Control
- Production Planning

About DDZ Technologies Cont.

- Material Requirement Planning (MRP)
- Packaging and courier of complete assemblies - Nationwide

Our facility consists of 4 independent SMD production lines:

- Firstly a line specifically geared for small volume quick turnaround production.
- Secondly a line geared for any medium volume, high complexity assemblies.
- Finally two high volume lines with a combined placement capacity of up to 231K components per hour.

Our Quality Assurance:

Quality Assurance is of the utmost importance at DDZ Technologies. We adhere to IPCA- 610 standards, and each product gets thoroughly inspected and/or tested where possible, before leaving our premises.

Company Contact Details

Company Info

Company Name: DDZ Technologies Pty (Ltd)
Business Type: Electronics Manufacturer
Registration Number: 2017/149368/07
VAT Number: 4270227517
BEE Status (Pending): Level 2

Contact Details:

Telephone number: +27 12 661 0728
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Postal address: Postnet Suite 019
Private Bag X3
The Reeds
0061

Website: www.ddztech.co.za
Facebook: DDZ Technologies

Company Strategy

Our vision and Mission Statement:

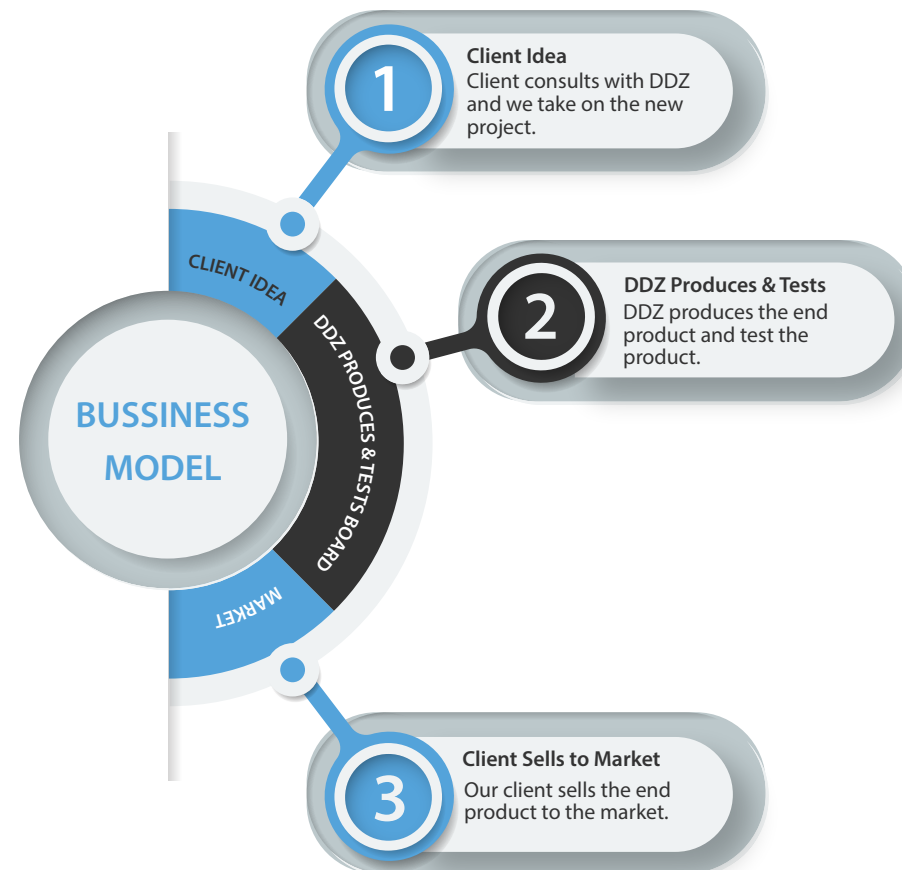
To set the benchmark and become the preferred supplier in the electronic manufacturing industry by:

- Giving excellent customer service by being accessible, reliable and honest.
- Supplying quality affordable products, while maintaining a high standard.
- Having the best possible production process lead time.
- Staying up to date with the latest technological advancements.

Business Model

Our client comes up with a product or an idea, but does not have the skills and/or manpower to produce the product. Many big companies also choose to rather subcontract the PCB assembly.

DDZ Technologies will put the idea into life, by producing the client's product and supplying it back to the customer, whom in return supplies it to the market.



Meet The Team

Managing Director

Dirk Du Preez

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Project Manager

Mignon Enslin

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Executive Office Assistant

Michelle van der Merwe

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Marketing Coordinator

Esthé Fourie

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Production Supervisor

Nico Botes

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Technical Manager

Wikus Muller

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Workshop Operators

Dominique Wilson

Jerome Moses

Kelvin Viljoen

Neil Crawford

Rossouw J v Rensburg

Reynhardt de Swardt Samuel

Habineza

Taryn Crowth

Stock Controllers

Lynique Meintjies

Equipment

The equipment we have available have the capacity to run small, medium and high-volume production runs.

Small Volume Line:

Our flexible small volume line is available for lower volume assemblies and offers a quick turnaround time in production without compromising the quality of build.

- GKG GL Fully Automated Screen Printer.
- Autotronik BA389 Pck and Place Machine.
- WEC Board Handling Conveyors.

Medium Volume Line:

Our medium volume line also offers a quick turnaround in production time, but can handle a higher volume of builds per hour, giving us complete control over a wide range of volumes and product mixes.

- MPM Momentum 100 Screen Printer.
- JUKI KE3020V Pick and Place Machine with TR6 Matrix Tray Changer.
- HELLER 1707MK3 7 Zone Reflow Oven.
- WEC Board Loader, Offloader and Conveyor system.

High Volume Line 1:

This high volume line is more than capable of placing up to 75 000 Components per hour, with extreme accuracy and consistency.

- Speedline Accu-Flex Screen Printer

Equipment Cont.

- FUJI NXT1 6Module Pick and Place System, consisting of 4 x M3 Modules; 2 x M6 Modules and Tray Changer (Controlled by Fuji TRAX Verifier)
- Speedline Electrovert Omni-Flow 10 - 10 Zone Oven.
- In Line TRI TR7500 AOI, with good board/bad board separator offloader and off line rework station.
- NUTEK Board handling equipment, including _ Bare Board loader, Magazine loader and Conveyor system.

High Volume Line 2:

This line is completely automated with all the necessary peripherals and a placement capacity of up to 156 000 components per hour, also with the great accuracy expected from these high-tech machines.

- MPM Momentum 100 Screen Printer.
- FUJI NXT3 Pick and Place System, Consisting of 6 x M6 Modules with Tray Changer. (Controlled by Fuji TRAX Verifier)
- HELLER 1707MK5 7 Zone Reflow Oven.
- WEC Board Loader, Offloader and Conveyor System.

Additional Equipment:

- Offline Extra Eye Optical Inspection Machine.
- ARIES 300C Wave Solder Machine.
- Various Weller and Magnum Soldering/Hot Air Stations.

Thank you for taking the time to read our company profile. Feel free to contact us for any further enquiries and comments.