



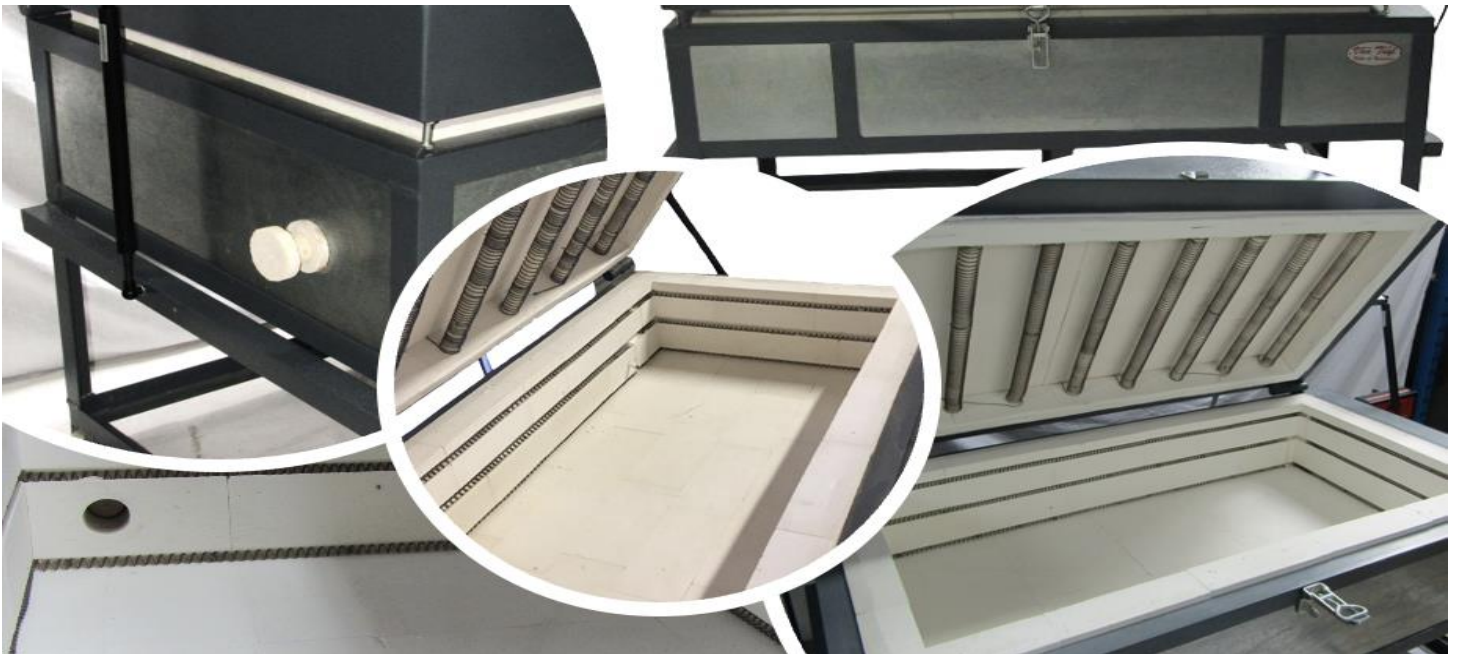
Glass Kilns

Glass Range

Introducing our Glass Kilns: sturdy, reliable, and built to last. Crafted with precision and durability in mind, these kilns bear the Van Tuyl name, synonymous with quality. Featuring top-notch insulation and a robust steel frame, they ensure dependable performance through every firing.

Equipped with heating elements in both the lid and side walls, our kilns provide excellent slumping and fusing capabilities, guaranteeing accurate heating for your glass projects. With a K-Type thermocouple and our easy-to-use VT-36 Programmable controller, operation remains effortless over the years.

Our kilns reach temperatures up to 1000°C and boast corrosion-resistant features, designed to handle frequent use. Plus, our freestanding models come with wheels for easy mobility, making workspace optimization a breeze. Experience reliability and performance with our Glass Range – designed to exceed your expectations. And for those with specific needs, we offer custom-designed kilns tailored to your projects.



Product Catalogue

2024

Feature Kilns – Most Popular

Glass 23 (Fusing & Slumping Kiln)



Specifications:

Volume	205 liters (7.3 cu ft.)
Maximum Temperature	1000°C
Outside Dimensions	550mm x 1370mm x 740mm
Inner Dimensions	342mm x 1080mm x 560mm
Power Supply	39 Amps, Single or 3-Phase
Weight	185kg
Recommended Kiln Shelve	500mm x 400mm

Glass TT101 (Table Top Fusing & Slumping Kiln)



Specifications:

Volume	28 liters (1 cu ft.)
Maximum Temperature	1000°C
Outside Dimensions	520mm x 570mm x 510mm
Inner Dimensions	228mm x 340mm x 340mm
Power Supply	103 Amps, Single Phase
Weight	55kg
Recommended Kiln Shelve	300mm x 300mm

Kiln Features



The elements are fitted into grooves in the kiln walls and lid, providing a secure fit. This prevents them from coming loose and protects them during packing and unpacking. The placement of the elements ensures even heat distribution, making it perfect for fusing and slumping.



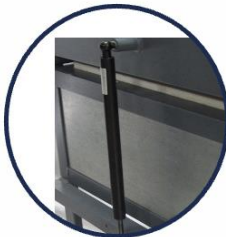
All our kilns are equipped with an Element Cut-Off switch, which automatically deactivates the electricity-carrying element/s when the kiln door is open. This feature is integral to ensuring safety.



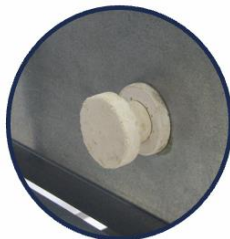
We use a handy plug system to connect our controller and kiln, making it easy to switch between different kilns and can be stored safely when not in use.



Our kilns are equipped with a door latch, guaranteeing a snug seal to optimize efficiency, and can be securely locked for additional safety.



Our kiln lids are equipped with gas lifters to securely hold the lid in place and make lifting easy.



In our traditional kilns, we incorporate an inspection bung that enables viewing and monitoring of kiln activity, as well as facilitating moisture control if necessary.



Our Glass kilns are equipped with the user-friendly VT36 Controller, specifically designed for easy operation and tailored for various down-ramp to controller cooling settings, ideal for glass work.

Custom Kiln

To cater to the diverse requirements of our clients, we also provide custom-designed kilns tailored to specific work or projects. Van Tuyl offers a range of kilns, including those with multiple heating zones, melting kilns, annealing kilns, and more.



Kiln Models & Pricing

Traditional Glass Kilns									
Product Code	Internal Dimensions			Controller Type (Included)	Amps	Power Supply	kw	Excl. VAT	Incl. VAT
	Height	Width	Depth						
VTGK-21	228mm	560mm	560mm	Micro Processor	24 Amps	Single or Three Phase	5,5 kw	R49 500,00	R56 925,00
VTGK-22	228mm	1080mm	560mm	Micro Processor	39 Amps	Single or Three Phase	8,5 kw	R62 200,00	R71 530,00
VTGK-23	342mm	1080mm	560mm	Micro Processor	39 Amps	Single or Three Phase	8,5 kw	R63 500,00	R73 025,00
VTGK-24	460mm	1080mm	560mm	Micro Processor	45 Amps	Single or Three Phase	9,9 kw	R64 500,00	R74 175,00
VTGK-25	228mm	1400mm	560mm	Micro Processor	39 Amps	Single or Three Phase	8,5 kw	R65 900,00	R75 785,00
VTGK-26	342mm	1400mm	560mm	Micro Processor	17 Amps per phase	Three Phase	11,25 kw	R68 000,00	R78 200,00
VTGK-27	460mm	1400mm	560mm	Micro Processor	17 Amps per phase	Three Phase	11,25 kw	R68 700,00	R79 005,00
VTGK-28	570mm	560mm	560mm	Micro Processor	45 Amps	Single or Three Phase	9,9 kw	R59 500,00	R68 425,00

Table Top Glass Kilns									
Product Code	Internal Dimensions			Controller Type (Included)	Amps	Power Supply	kw	Excl. VAT	Incl. VAT
	Height	Width	Depth						
VTGK-TT-101	228mm	340mm	340mm	Micro Processor	10 Amps	Single Phase	2,2 kw	R29 900,00	R34 385,00

Van Tuyl Kilns are SABS and CE compliant



VT36 - Kiln Controller



The VT36 Programmable Kiln Controller stands out as a premier choice for kiln management, renowned within the South African market for its ruggedness and reliability.

The VT36 is standard on all Van Tuyl Kilns, it can also seamlessly integrate into most other kiln brands, serving as both a replacement and an upgrade.

Key Functions:

- Designed specifically for Van Tuyl Kilns with kiln users in mind.
- Capacity to store 36 Programs (for ceramic, glass, jewellery and industry).
- Comes with 12 pre-installed ceramic firing programs, serving as a helpful starting point (note: programs may vary and can be easily edited).
- Each program allows for multiple Ramp Ups, Ramp Downs, Set Temperature Points, and Soaks.
- A Delay feature for scheduling program start times, particularly useful in areas with power shortages.
- Graphic display for easy tracking of program progress.
- Element ON Indicator for real-time heating status.
- Error and Warning Indicators, including diagnosing errors or warnings identifying during the firing cycle, enhancing kiln safety and kiln shut down if required.
- Automatic Restart in case of power interruptions.
- Alarm setting capability, can be used during various stages of the program.
- The unit is enclosed in a compact ABS plastic box, known for its robustness and heat resistance.
- It's simple to install on any kiln, including those from competitors, as an upgrade or replacement.

Get in Touch

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