

# Pilot Plants



# Pilot Plant

## Overview

The development and use of pilot plants within the industries have drastically increased and become more sought after. With the use of these plants varying from the ability to train staff, prove process concept or reduce testing costs. With these small plants being implemented across many fields from mining processes, to chemical and agricultural testing laboratories as well as personal care and pharmaceutical laboratories, the need for this equipment is on the rise.



Pilot plants and bench plants are small modular industrial systems, which are designed and implemented to generate information and understand particular behaviours during test or trial periods. This is usually done before building the large full scale plant, which entails large capital outlays as well as major risks associated with the process. The use of the pilot or bench plants enables one to make a calculated and informed decision on whether or not to move forward with the full scale operation. It equips the client with freedom to run tests accurately as well as change and modify procedures on the smaller scale.

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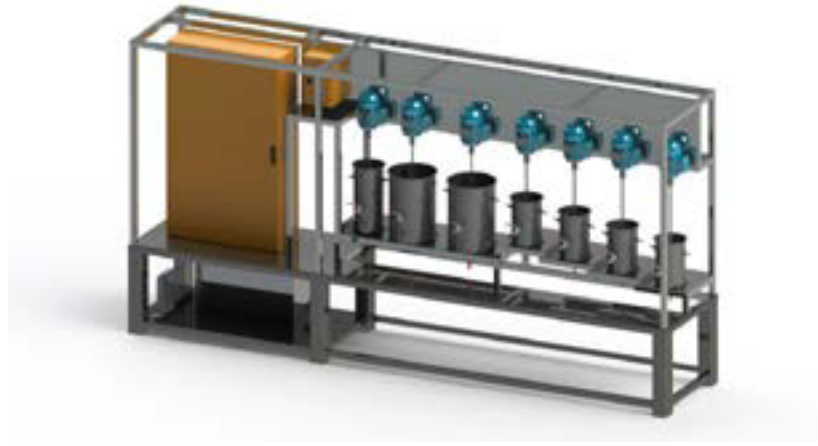


AFROMIX are able to offer you complete operating solutions for pilot and bench top plants. With our focus on the projects deemed "too small" for larger manufacturers and project houses. Afromix have had successful bench top and pilot plant installations in the Bacterial leaching studies, liquid fertilizer processing and new product launches with personal care industries to name but a few.



AFROMIX provides you with the peace of mind with a complete solution. We are able to meet your process and mechanical requirements. Our team will gladly work with you so that your needs are met with any equipment procured from us.





Having successfully tested your process the requirement for scale up is made so much easier. We will also be able to assist you on your agitator and pump requirements for full scale plants. We are confident that we will supply the best tailored made product for you.



### Installation References

FCF Minerals – Runruno Project

Navoi – Suzdal

Biomin

Stoller

Mondo Minerals

Anglogold Ashanti – Obuais

Vatukoula Gold Mine

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