



ELITE WASTES AND CONSTRUCTION- SEPTIC DESCRIPTION

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Product name		In-Ground biodigester
		1 septic pit and 1 stone discharge pit Mainly used in households Suitable for 5 people Favours 1-5 washrooms and daily use Works best in areas with loam and sand soil (<i>tifutifu na kichanga</i>)
		2 septic pits and 1 stone discharge pit Mainly used in households and rental property Suitable for 6-20 people Favours 1-15 washrooms and daily use Works best with clay (<i>mfinyanzi</i>) soil
		3 septic pits and 1 stone discharge pit Mainly used in rental property and social places Favours 15-50 washrooms and daily use Works best with clay and swampy areas Recommended for <i>public places</i> with large numbers of people and extremely <i>high-water</i> usage
		Stone and discharge pit Used as an additional pit for water discharge Best for bathroom and kitchen waste water It is compulsory to all the three latter forms (<i>ni lazima</i> kwa mifumo tajwa hapo juu)



The septic tank uses the principles of sedimentation and anaerobic fermentation in its chamber structure, where solid waste at the bottom is decomposed and the liquid effluent at the top is discharged to the stone and discharge pit where it gets absorbed into the ground or can be used as underground irrigation water. The decomposition process mainly relies on natural anaerobic bacteria.

STRUCTURE AND DURABILITY

Material composition	Brick blocks + Waterproof cement to increase durability 12mm metal rods, pvc class b pipe, ½ inch gravel and nylon sheet
Product strength	High strength, capable of withstanding significant external pressure and environmental loads, resistant to deformation.
Corrosion resistance	Suitable for long-term use in strong acid, strong alkali, swampy areas and other chemical media environments
Applicable environment	Used in industrial sites, rural areas, homesteads and urban sewage systems
Temperature resistance	Not affected by high temperatures or coldest environments, resistant to dry conditions and capable of withstanding up to 150C°
Environmental hygiene	Effective for a clean environment with no disturbing odour and leakage Keeps the environment tidier and good-looking
Durability	Lasts a lifetime due to decomposition and absorption processes involved, material composition and corrosion resistance
Effectiveness	Works efficiently because the structure lies in the zone of aeration (free water flow) and wastes gradually decompose and break down over time

PRICING

(Includes materials and labour)

Structure	Price (includes VAT)
1 Septic pit + 1 stone and discharge pit	Tsh 1,435,000/=
2 septic pits + 1 stone and discharge pit	Tsh 2,370,000/=
3 septic pits + 1 stone and discharge pit	Tsh 3,305,000/=
1 stone and discharge pit	Tsh 625,000/=

Our pits are **large enough also expertly designed to withstand any **clay, swampy** and **springs**, which is why we have the confidence to give you a guarantee of use.*

Work Description

- We guarantee effective structures for clay soil (**mfinyanzi**), water logged areas, and swampy places (**chemchem**)
- Working with us gives you a 3-years warranty for any time repair and regular check-up plus a life time guarantee of use and up to 10% discount in plumbing

If you have any questions about this septic description, please contact

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Thank You for Your Business