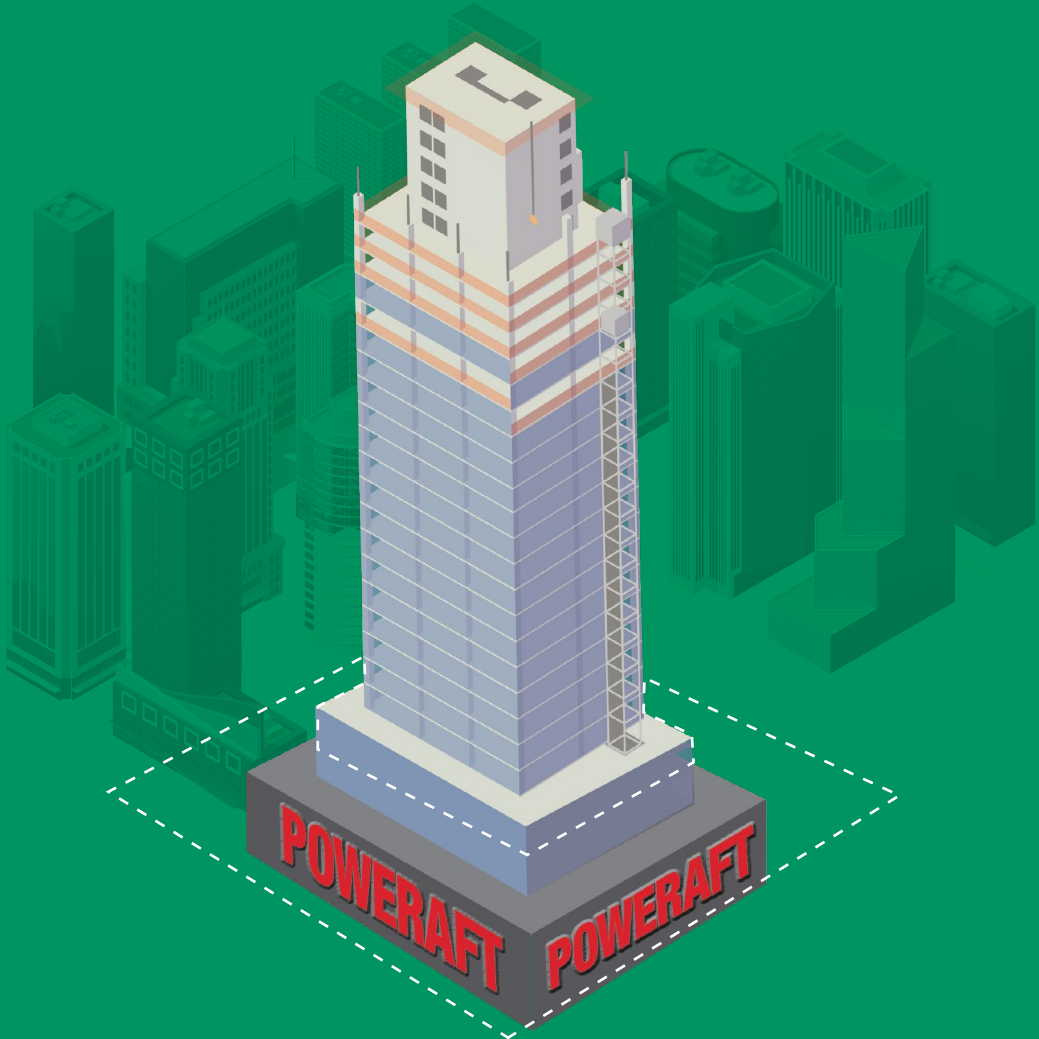


# POWERAFT

## MASS CONCRETE FOUNDATION

● RAPID CONTINUOUS SUPPLY OF MASS CONCRETE ●



# Powercraft - Mass Concrete Foundation

Bamburi Special Products also known as Bamburi Concrete provides a unique offer that involves extremely rapid continuous supply of mass concrete volumes to large projects known as ‘Powercraft’. It has the following unique benefits:

1

More than **21** transit mixer trucks



2

More than **4 boom pumps** and **2 fixed pumps**



3

**24 Hour** continuous operations



4

Rapid continuous mass concrete pours **> 2,000m³** in **48 Hours**



5

Seamless **shift change** – over to ensure **non-stop supply**



6

Consistent quality control and assurance while using **specialized Bamburi Low heat of Hydration cements**



7

**Dedicated batching plants** for large pours – any one plant can be used as a back up



8

**Proprietary LafargeHolcim software and testing tools to predict and control temperature** build-up in mass concrete.

Software outputs detailed thermal imagery and temperature gradients.



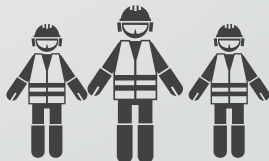
9

**Mobile Concrete Laboratory** to conduct onsite tests



10

**Highly trained and dedicated** staff at all stages



# Testimonials

## 1. The AVIC Success Story

**Bamburi Concrete supplied Poweraft to the AVIC Africa International Headquarters Construction site in Westlands, Nairobi for foundations of a 6-tower multi-storey complex.**

**Poweraft concrete** was batched simultaneously and continuously from 3 batching plants located in; Athi River, Kitui Road (Industrial Area) and Two Rivers (Gigiri) plants spread across Nairobi.



In a little under 40 hours, 1,700m<sup>3</sup> of concrete was batched, delivered and placed in the first raft foundation. This is a process that a few years ago would have taken almost a month using traditional methods. Bamburi Concrete subsequently supplied 5 more rafts on the same project averaging 2,000m<sup>3</sup> including a massive one of 6,000m<sup>3</sup> concrete to support a 45 storey skyscraper. Each of the 6 rafts supports a skyscraper in the multi-storey complex. This is the largest expanse of rafts ever constructed on a single project.

*\*The contractor is Zhejiang Chengjian Construction Company (ZJCC)*



**Concrete delivery and pumping in motion.**  
Simultaneous pumping from two Readymix trucks using telescopic boom pumps. 1 boom pump was always on standby.

## 2. National Olympic Committee of Kenya Office Block, Upperhill

“I would like to say that you did a very good job. Over 2,000m<sup>3</sup> of concrete within three days with your mobile telescopic boom pump was truly exceptional. We did not expect that to be done so fast. We look forward to working with you in the future on similar projects.”

**Aashish Varsani, Project Manager**  
**NK Brothers**



Bamburi readymix trucks transporting concrete.

# Health & Safety

Teamwork is at the core of the safety culture at Bamburi Cement. It's the platform on which we achieve our shared goal of zero harm to the people and the environment. It's a shared commitment by everyone to maintain high safety standards onsite and offsite.

We pride ourselves in sharing the knowledge and importance of safety with clients on their job sites as well as integrating safety into our daily lives and everything we do – both as individuals and an organisation.



Safety signs



Safety gear

**For more information visit**

**Nairobi Sales Office**

Kitui Road, off Kampala Road, Industrial Area, P.O. Box 30699 - 00100, Nairobi **or call us on**

Landline: +254 20 2969000 | Office Mobiles: +254 722 632289, 733 632145 |

Email: [bsp.info@lafargeholcim.com](mailto:bsp.info@lafargeholcim.com) | Website: [www.bamburiconcrete.com](http://www.bamburiconcrete.com)