



TECHNICAL SPECIFICATIONS

A	Placing Boom	No. of Arms	4
		Folding System	Z type
		Max Vertical Reach	37 meters
		Max Horizontal reach	33 meters
		Max Downward Reach	24.6 meters
		Pipeline Diameter	125 mm
B	Pump	Max Theoretical Output	90 cbm/hr
		Max Concrete Pressure	70 bar
		Pumping Cylinder dia	200 mm
		Stroke Length	2100 mm
		Hopper Capacity	600 liters
		Hopper Filling Height	1400 mm
C	Control	By Radio Remote	
D	Drive power	Through PTO from the Truck engine	



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GREAVES BOOM PUMP GCP 3709Z



**GREAVES
INFRA**

**Bring
it On!**

India's first 37 meter boom pump from Greaves Infra

Greaves proudly launches its first Boom Pump of length 37 meters. The 4 arm Boom mounted on the 3 axle truck chassis has the best reach in its class. This 4 arm Z fold type boom offers greater flexibility and maneuverability in areas where space is a constraint. The Superior S valve pumping system has an extended life due to the wear plate and wear ring made of tungsten carbide thus reducing the wear and tear. The Pumping unit is powered by a closed loop hydraulic circuit where the main pump service lines are directly connected to the cylinders. The elimination of the main directional control valve avoids unnecessary back pressure & heat generation thus saving power & improving efficiency especially under high flow rates.

The superior productivity and pumping efficiency of the GCP 3709Z ensures faster completion of projects, reduced downtime and higher output. Best suited for Mega projects like airports, metro projects, mono rail, flyovers and high rise infrastructural and residential projects.

Additional Benefits:

- ✓ Closed hydraulic circuit
- ✓ Increased hydraulic oil life due to the integrated flushing system
- ✓ Minimized jerk in the pipeline
- ✓ Fully proportional output control from zero to maximum
- ✓ Advanced safety feature with Emergency Off Switch
- ✓ Reduced pressure peaks for smooth operation
- ✓ Higher capacity oil cooler system for enhanced life of the hydraulic system



Centralized Auto greasing system for Pump



600 liters capacity hopper



Operator friendly radio remote control along with the option to switch over either to fast/slow boom operation



Boom Pedestal with high Power Slew motor which can rotate in a 370 Deg slew range



PTO assembly derives power from the truck engine to operate



Additional back up cable remote with 24 V electric system



The Z fold Design reduces the unfolding time and has faster horizontal movement.

The pouring of Concrete can start even without unfolding the Boom completely.

The Boom is much easier to maneuver even in low heights where space is a constraint.

Working Range Diagram

