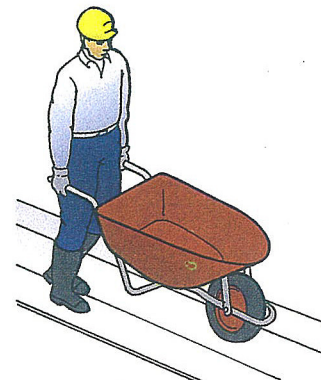


MOVING CONCRETE ON SITE: A job that must be done with care

HAVE YOU THOUGHT ABOUT:

- how much concrete is to be poured, where it is to go, and which is the most appropriate moving method?
- site access and site ground conditions?
- the distances, height and clearances for the moving equipment?
- whether the workability and maximum aggregate size specified is compatible with the concrete moving equipment?
- making sure the compacting equipment will be able to cope with the rate of concrete supply?

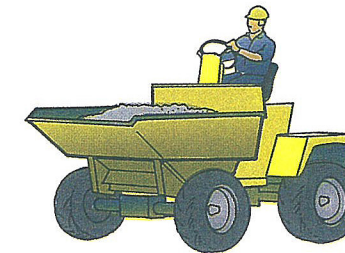
Horizontal Movement



BARROW
Capacity: ~0.03m³

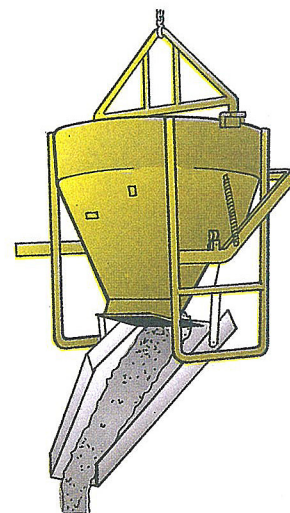


TRUCK MIXER
Capacity: ~2 to 10m³
5m³ common

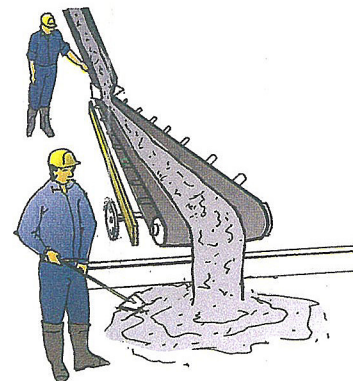


DUMPER
Capacity: ~0.3 to 0.75m³

Vertical Movement

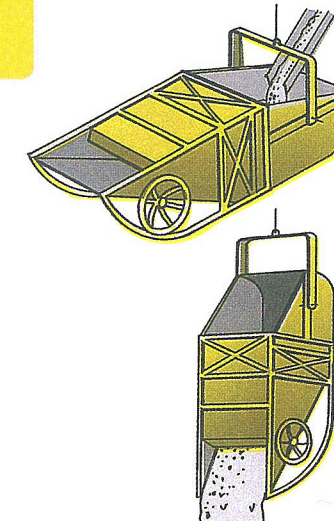


CONSTANT ATTITUDE SKIP
capacity: ~0.2 to 1.0m³

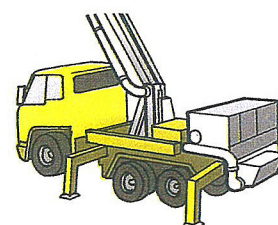


BELT CONVEYOR
TRUCK MOUNTED

VERTICAL	0m	4.5m
HORIZONTAL	10.5m	9.5m



ROLLOVER SKIP
Capacity: ~0.2 to 1.0m³



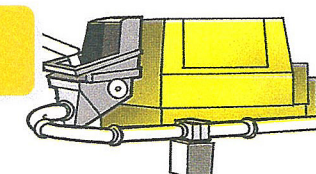
BOOM PUMP

Pumping Concrete

TYPICAL PUMPING DISTANCES

BOOM PUMP	DIRECTION	STATIC PUMP
16 - 42M	HORIZONTAL	50-300m
	VERTICAL	5-90m

Capacity: ~30m³/hour



**STATIC PUMP
& PIPELINE**

REMEMBER TO:

- inform the supplier of the rate at which concrete is required on site.
- protect concrete from drying out in hot weather and strong winds during transport.
- cover open containers during heavy rain.
- prevent contamination of concrete from oil or dirt from the equipment.
- maintain equipment, repair leaking containers immediately to avoid mortar loss from the concrete and repair dents in equipment that can restrict the flow of concrete on discharge.
- provide a wash down area for trucks and equipment.



THE NEW ZEALAND
READY MIXED
CONCRETE
ASSOCIATION INC.

SAFETY ON SITE:

Cement & Concrete Association, PO Box 448, Wellington • Telephone 04 499 8820, Facsimile 04 499 7760 • www.cca.org.nz

Suitable protective clothing should be worn when handling wet concrete



Cement & Concrete Association of New Zealand