

## Different truck types

The Nucrush quarry at Oxenford employs a sizeable fleet of concrete trucks, semi trailer tip trucks, cement tankers and smaller tip trucks. Our trucks ensure the concrete, rock, cement and gravel are delivered as safely and efficiently to its plants and customers as possible.

## The Concrete Truck

Nucon has both mini and maxi concrete trucks. The mini trucks can carry 0.4m<sup>3</sup> to 2.6m<sup>3</sup> of concrete. The maxi trucks can carry 0.4m<sup>3</sup> to 5.8m<sup>3</sup> of concrete.

The ingredients for concrete (cement, sand, water, aggregates) are measured and dropped into the agitator mixing bowl on the back of the truck through the 'sock'.

Six or seven maxi concrete truck loads are needed to pour the foundation slab for an average size suburban house.

Another four maxi truck loads may be needed for additional areas such as driveways, footpaths and patios. Therefore, an average suburban home uses around 10 full loads of concrete (or 60 cubic metres)!

## The Tip Trucks

Nucrush has two sizes of tip trucks. The semi-trailer tip trucks carry up to 30 tonnes of rock and gravel and our 6 wheelers can carry up to 13 tonnes of rock and gravel.

The average house would use around 5 truck loads of quarry products for drainage materials and slab preparations and often a minimum of two loads for landscaping.



## Trucks, Safety and the Environment — a weighty business

Nucrush follows a set of strict guidelines on the weights that can be carried by its trucks as part of a program called Mass Management. The guidelines are established by the Queensland Department of Transport who audit the program to ensure the guidelines are strictly followed.

Before each truck leaves the plant to deliver its load, it is weighed to ensure it is the required weight and that it does not exceed the allowed tonnages.

Nucrush has consistently excellent records of 'Mass Management' which has resulted in the Queensland Department of Transport awarding it a rating to allow the company to carry marginally higher weights.

The higher weight allowance, allows Nucrush to reduce the number of trucks on the roads so it is important not only as recognition of a job well done, but also in promoting road safety and protecting the environment.

## Maintaining the standard

Mass Maintenance ensures that an approved dealer carries out all the maintenance work on its fleet of Volvo trucks.

Each time a truck receives a service, it undergoes a full safety check. Only new tyres are used on all the vehicles; there are no retreads.

Nucrush trucks use a special low sulphur fuel in which additives are blended with the low sulphur fuel to ensure cleaner exhaust emissions.

In addition, each truck load of sand or aggregates are wet down before

leaving the site, and all loads must be covered to prevent dust and debris being a hazard to other road users. Our policy is 'No Tarp, No Load'.

However, it isn't just the trucks that are well maintained. All Nucrush truck drivers have undertaken Certificate III Transport Distribution and advanced driver training courses to ensure they are safe and responsible road users.

## A winning team

In 2008, the Nucrush Transport team, in conjunction with the Nucrush Group Good Neighbour Programme, won the Institute of Quarrying Australia's Mack Trucks Bulldog Award. This is a nationally recognised driver awareness and safety award which highlights to the general community that the industry and Nucrush is committed to both workplace and community safety standards.



This information was produced by Nucrush Pty Ltd, part of the Neumann Family Group of Companies.

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