



LASER GRINDING FOR A 3 WHEEL VNA TRUCK

The **Laser Grinder** is easily adapted to grind two or three wheel paths. The left & right tracks will be performed, simultaneously, in one pass along the aisle, with the centre track ground to follow a similar profile in a second pass along the aisle.

If the left, right or centre wheel paths have only short isolated problems areas, there may be no need to grind the full length of each.

Our philosophy is to grind the least amount of concrete that is required to provide the maximum benefit for the end user.



This will ensure that the side to side, or transverse, tilt of the truck is minimised, as well as reducing longitudinal gradients (along each wheel track) to flatter and safer tolerances.

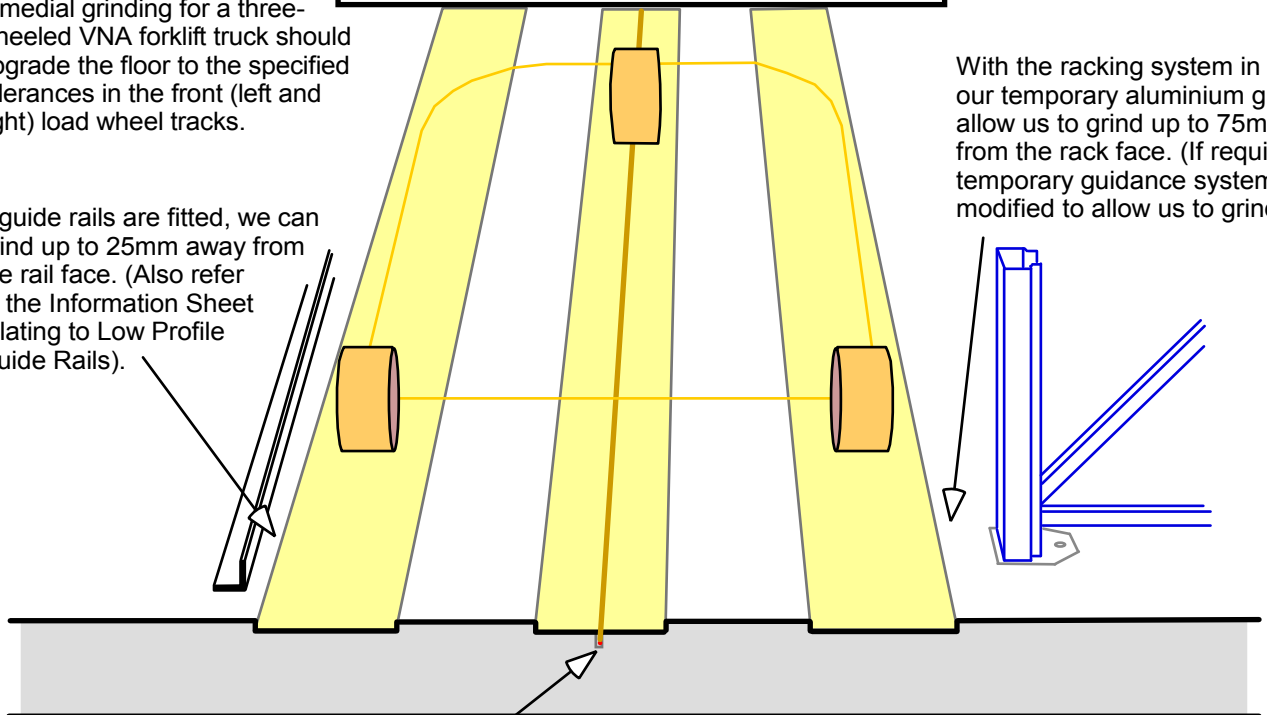
Additionally, there is the option of grinding the centre wheel track to ensure that the rear drive wheel of the VNA truck follows a similar profile to the front load wheels.

Grinding ALL THREE wheel tracks will minimise the effect that a floor has on a VNA truck, allowing it to travel faster and higher - in safety.

As a minimum requirement any remedial grinding for a three-wheeled VNA forklift truck should upgrade the floor to the specified tolerances in the front (left and right) load wheel tracks.

If guide rails are fitted, we can grind up to 25mm away from the rail face. (Also refer to the Information Sheet relating to Low Profile Guide Rails).

With the racking system in place, our temporary aluminium guide rails allow us to grind up to 75mm away from the rack face. (If required our temporary guidance system can be modified to allow us to grind closer).



Existing wire guidance systems will probably need to be re-installed along the aisle length if any centre track grinding is required. Ideally the wire should be installed to follow the new floor profile after grinding.

Each of the 3 ground paths can be either 300mm (+0/-30mm) or 380mm (+0/-30mm) wide depending upon the width of the VNA forklift truck wheels. The base of each ground path will be flat although the edges can 'radius' slightly as the diamond tipped grinding blades wear during the grinding process.