CONCRETE GRINDING LTD
Global Flooring Solutions

LASER GRINDING FOR 4 WHEEL VNA TRUCKS

The Laser Grinder is easily adapted to grind all necessary wheel paths. The left & right grinding heads are set up to grind along one side of the aisle in one pass and then along the other side of the aisle in a second pass.

If the spacing of the VNA forklift truck wheels dictates, it may be necessary to grind the full width of the aisle. If the aisle has 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.

Any remedial grinding for a four-wheeled VNA forklift truck should upgrade the floor to the specified tolerances in all four wheel tracks.

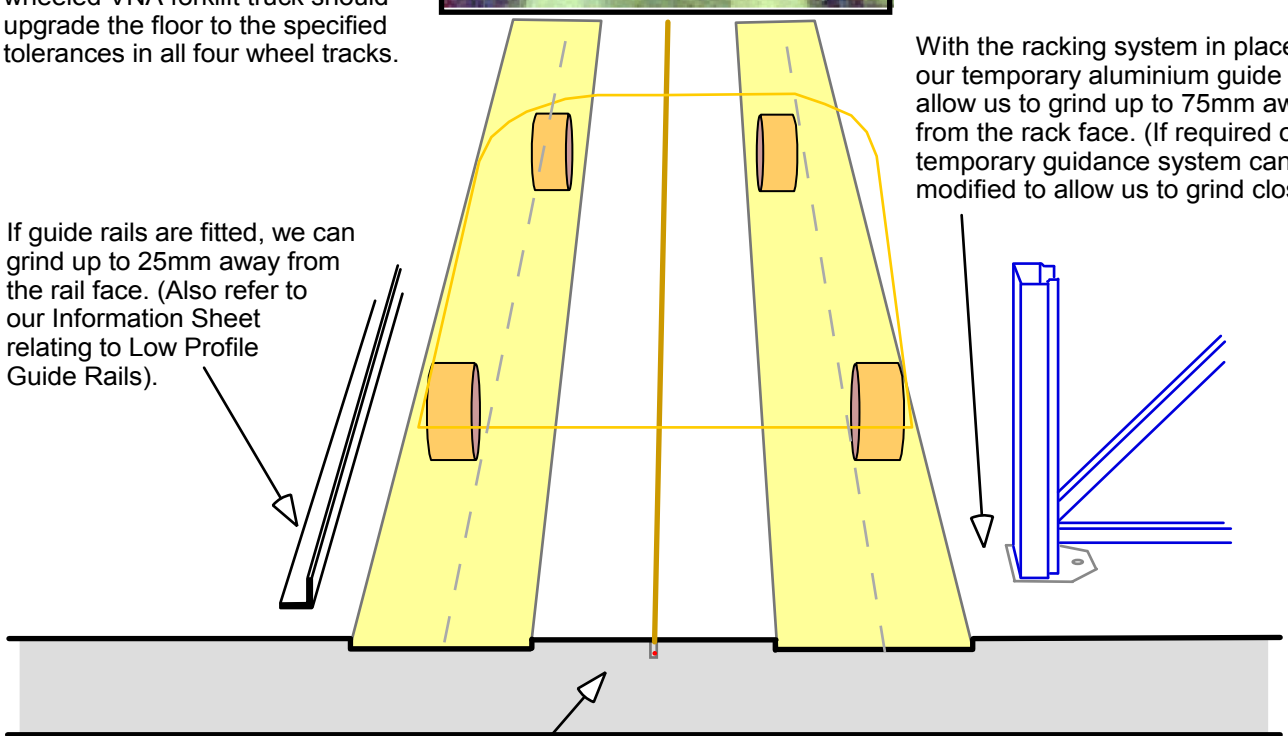
This will ensure that the side to side, or transverse, tilt of the truck is minimised, as well as reducing longitudinal gradients (along each wheel track) to flatter and safer tolerances.

If grinding is only carried out in the front load wheel tracks, the effect of the rear wheels running on the 'out of tolerance' floor surface will be significant.

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

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).

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



Existing wire guidance systems should be unaffected by the grinding process. It may be necessary to make slight adjustments to the system due to the reduced clearance beneath the VNA truck.

Each of the 2 ground paths can be either 380mm (+0/-30mm) wide by making one pass with the Laser Grinder, or depending upon the width of the VNA forklift truck wheels, a second overlapping pass may be necessary to create ground paths of up to 700mm. 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.

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