

GRINDING PROFILE FOR THE LASER GRINDER

THE FLOOR PROFILE PRODUCED BY THE **LASER GRINDER**, FOLLOWS THE GENERAL PROFILE OF THE EXISTING FLOOR, MINIMISING THE DEPTH OF GRINDING YET ENSURING THAT THE FLOOR FULLY COMPLIES WITH THE REQUIREMENT OF THE FLATNESS SPECIFICATION.

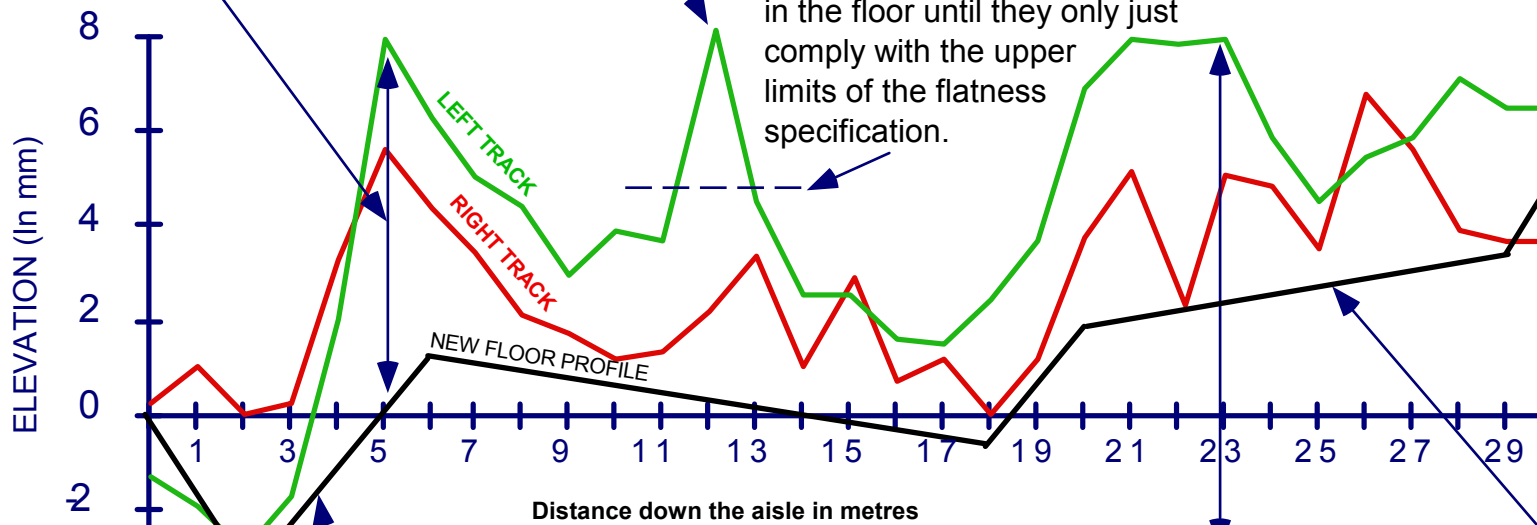
This actual ground path produces a maximum cut depth of 8mm, and reduces the floor profile to acceptable longitudinal gradients.

Sudden 'rates in change of slope' or transverse elevation differences are completely removed, or reduced to well within the allowable tolerances.

The final 1 or 2 metres of an aisle is used to 'come out of' the ground path and back to the level of floor in the transfer area.

Manual grinding contractors would only reduce the 'errors' in the floor until they only just comply with the upper limits of the flatness specification.

There will be no ramps or steps to negotiate. This also applies at the start of the aisle.



This line represents the new profile of both the left and right wheel tracks, (or the whole aisle width if required), after the Laser Grinding process is completed.

Grinding is **NOT** carried out to the level of the lowest point of the existing floor, as this would mean unnecessarily deep cuts. (If this was the case a >10mm cut depth to the right track would be required between 21 & 23 metres, whereas only a <6mm cut depth is actually required.)

The gradient of this section of ground path is approx. 1.5mm in a distance of 9 metres.