

# 3D WHEEL ALIGNMENT

M&B third dimension wheel alignment machine – the new system for wheel alignment.

**H**igh performance, speed, high precision measurements, latest in technology, two high-resolution cameras for each target for a real 3D measurement, maximum installation, and versatility are all qualities of the new M&B New Dimension 3D wheel alignment machine. The New Dimension is an automatic 3D-scanning wheel alignment system suitable for any vehicle under 3.5 tonnes.

The measuring heads can be installed in a variety of different positions and modes to suit the layout of the bay: on stands locked to the floor besides the lift or the pit, hanging from the ceiling or secured to walls.

## UNIQUE FEATURES

- 3D-scanning with two cameras per wheel to guarantee accuracy and precision under any conditions
- Auto-focus cameras with self-adjusting gain and brightness to compensate the ambient light condition
- Use of visible light emitting diodes (LED) to prevent retina damage in case of high intensity illumination

There should be a minimum distance established between targets and heads to

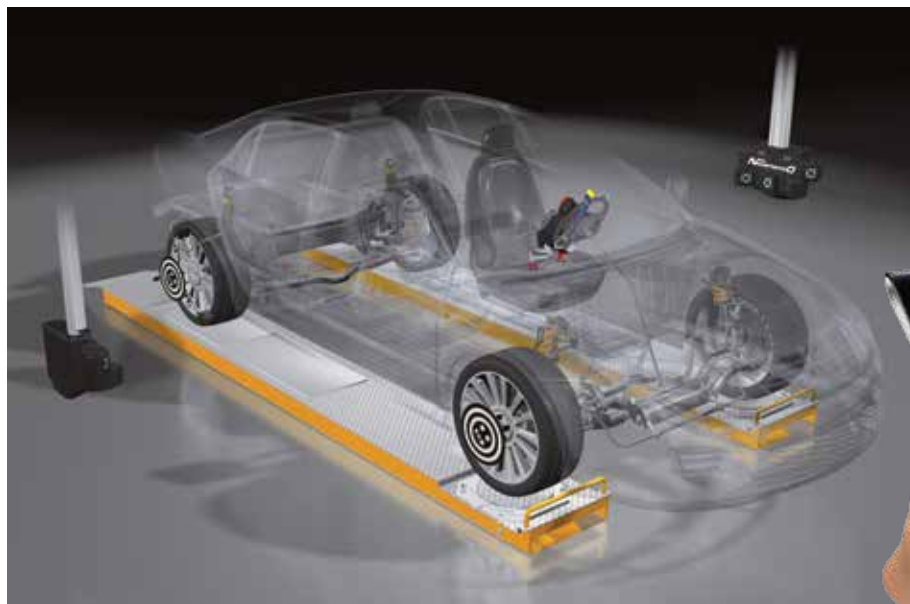
ensure the operator is free to move around the working area. Due to the 3D-scanning technology, targets are standing parallel to the wheels thus not obstructing the working area around the vehicle.

## USER INTERFACE SOFTWARE

The user-friendly alignment software with 3D impressive graphics allows users to obtain a full measurement in a few clicks. With the help of Robosterz (optional) the caster swing is performed automatically, while the operator selects the vehicle in the database. The stand-alone database software ensures measurements, vehicle database management and reference data searches are quick.

Other features include:

- Unique camera location, providing a clear working area
- High-resolution multi-camera detection
- Innovative wheel targets with magnetic option
- Run-out compensation not required
- Versatile installation to fit any working area
- Robosteer and tablet computer options
- WiFi or cable connectivity
- Available with a choice of wheel clamps
- Windows® software with 3D graphics
- Robotic steering device performs caster swing
- Database includes details of more than 15,000 vehicles
- Database can be added locally
- Automatic compensation of caster with varying axle heights
- Facility to “freeze” measurements
- Toe-in curve measurements to VAG specifications
- Test results summarised on single screen
- Real time display of all axle data
- Database of aligned vehicles can be searched by customer or vehicle registration



**For more information**  
email [info@interequip.com.au](mailto:info@interequip.com.au)  
or call 1800 EQUIP (1800 037 847).