



GYRO ALIGNMENT HEADS

The same exciting Gyro technology used in self-guided aircraft is now in Bee Line wheel units! This cutting edge breakthrough provides increased accuracy and efficiency while eliminating potential maintenance related complications.

The new Gyro technology is mounted internally in each alignment head and calculates the position of the wheel and how it relates to toe, camber, caster, max turn angle and KPI/SAI angles. This advancement eliminates the turn pot/hall effect sensors used in our current turn plate technology and achieves accuracy 10 times greater than previous models.

Since the new gyro heads no longer communicate with the turn plates to get alignment measurements, the externally connected cables between the wheel units and the turn plates are eliminated. This increases efficiency during the alignment gauging process because the technician no longer has to walk from side-to-side to connect/disconnect the wheel units to/from the turn plates. This also eliminates potential break downs due to wear and tear on the cables that undergo repeated connecting/disconnecting of the USB and din connections during alignment sequences.

Gyros also eliminate potential break downs due to exposure of the turn pots/hall effects sensors to the corrosive environment. Without electronics in the turn plate, there is no chance that water, salt or dirt could effectively disable the turn plate. Plus, with alignment angles being measured from inside the new Gyro alignment heads, there is no need for the turn plates to be calibrated. This insures your technicians spend more time doing accurate alignments without stopping to perform an additional calibration process.

In addition, each new Gyro alignment head from Bee Line will contain Gyros and enhanced accelerometers that are thermally tested to withstand extreme temperature variance and will accommodate Bee Line customers in climates worldwide.



GYRO ALIGNMENT HEADS ELIMINATE CABLES FROM THE HEAD TO THE KING PIN TURNING ALIGNER. WITH A GYRO EQUIPPED SYSTEM ELECTRONICS IN THIS TURNING ALIGNER NO LONGER EXIST.



INCREASED EFFICIENCY CAN BE EXPECTED WITH THE NEW GYRO HEADS AS WELL AS GREATER ACCURACY AND LESS POTENTIAL FOR BREAK DOWNS.

