

Health Check:

The Benefits of a Health Check for your CMM



In this article our Senior CMM Engineer, **Rob Allward**, discusses the importance of a health check in maintaining the performance of your CMM and avoiding costly breakdowns.

What is a CMM Health Check?

A CMM Health Check follows the same process as a service visit without the verification or calibration element. The CMM will be given a thorough inspection and service to ensure optimum operation levels and any areas which could be improved on will be identified to avoid future issues.

Why is a Health Check Important?

Health checks are all about preventative maintenance. By keeping your CMM in good working order you can minimize the risk of costly failures, lost production, and breakdowns before the next scheduled service visit.

In over 20 years of CMM work I have seen CMMs taking on many uses that they were not designed for; a table, cup holder, storage area and many more. I also see components being placed on the CMM still full of cutting fluid and swarf. Small wonder a few months after a service, we get called back again, in some cases just to perform basic housekeeping.

In some instances, no matter how hard you try, the environment is against you all the way. A preventative maintenance visit can in most cases give you a fighting chance of avoiding costly downtime.

How often should I have a Health Check?

We recommend a Health Check as an interim visit between verification periods, so for customers with an annual verification, a health check 6 months after verification is the recommended time scale.

This can be influenced by the environment that the machine operates within; a CMM that sits on busy shop floor or dirty environment would benefit from more frequent checks.

Customers with multiple CMMs find it is a cost benefit to have a scheduled service visit, just to check that the CMM is functioning at full capacity.