

WENZEL®

The company of μ

Wenzel UK Ltd. have supplied the first LHF style CMM machine in the UK. The machine was supplied to Burnley-based company BCW Engineering in 2015, making them the first UK company to have the model installed.

About the LHF style CMM

The LHF style CMM is a bridge type coordinate measuring machine, made for the high accuracy inspection of very large and heavy parts.

The machine has a volume of 3m x 2.5m x 1.7m and incorporates a Renishaw PH10+TP200 with Metrosoft Quartis measurement software.

By being floor mounted, the machine can incorporate a steel table at ground level, allowing large parts to be placed easily within the volume of the machine.



Precision and Stability

Precise air bearings provide optimal stability to the LHF, along with an inherently stable guide beam.

The cross section of the z-axis and the bearing distances are designed for maximum stability, and the LHF has the best positional resolution through path-measuring system technology.

Dynamic and Ergonomics

The dual Y-drive and scales ensure high dynamics and stability, and the backlash-free friction drives, combined with the Wenzel control unit and CMM controller ensure optimum acceleration and speed.

Serviceability

Air bearing guide elements guarantee wear-free operation and precise guidance. There are easily accessible maintenance components, as well as a high availability of spare parts.

About the customer

BCW Engineering, founded in 2002, are based in Burnley and deal with clients in sectors such as automotive, aerospace, aero-engines and off-road vehicles. In 2015, they won the 'Deal of the Year Burnley Business Award'.



The company operates over 3 sites across Burnley, including a recent expansion which means it now occupies over 100,000 sq ft at their site on Innovation Drive.

