

## **Grooving Distance Nok in Yamaha BCL Model**

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**Abstract:** As per need of our customers a service package made of an embedded monitoring hardware that collects essential data from forklift trucks, and other equipment in the Transportation sector, for the Condition Based Maintenance (CBM) service. The input data is comprised of several signals and comes from sensors over the whole vehicle, as well as from certain components like the battery which has been enabled with a datalogger to monitor its level of charge or its temperature. The embedded monitoring hardware is composed of several embedded modules for signals capturing, for decision taking (health assessment) and for communication with external devices, including the integration with other components dataloggers. The package is also made of a software remote platform where this information is displayed and exploited at manufacturer / dealer / end user level, i.e. the Fleet-Wide Asset Health Management (FW-AHM) platform by means of KASEM® software (see Figure 5), which also provides integration capabilities with the Enterprise Resource Planning (ERP) software at the company to gather the maximum possible information for the Fleet Management (FM).

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