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AutoGAP 2.0 – automatic gap adjustment for DRW Rotor Weighfeeders

Dear Pfister Team,

In 2013 we purchased two DRW 4.14 and one DRW 4.10 rotor weighfeeders for coal dosing with FDC Control from your company. We operate the Pfister feeders to our satisfaction and take care for them with regular maintenance and original spare and wear parts.

During visits of your sales manager, he introduced new developments around the Pfister feeders, and we came to know about AutoGAP in the 2nd generation and the possibility to upgrade our more than 10 years old feeders. First, we thought the upgrade cost are too high for what we will get, but in times of reduced work forces new and automated technologies will help to keep equipment performance on a high level and with reduced wear. AutoGAP 2.0 includes three distance sensors which measure the gap continuously. If the amps will be too high because of foreign particles the upper gap will be opened with the quick-open function to avoid blockages and related feeder stoppage. After a few turns of the rotor, the gap will be closed to the original setting in the controller.

With the optional WIFI dashboard we see all relevant parameters, such as motor current, speed, or the gap positions. Also, the setting of the upper gap is very simple with this interface connected to the cell phone browser. Besides this, we still have the possibility to power off the AutoGAP and adjust the gap with the handwheel of the three actuators. We are very happy with the performance of our DRWs and AutoGAP 2.0 and can recommend this technology to all Pfister Users who want to increase the productivity of their coal feeders.

Best regards


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