

Suction Roll Efficiency Inspection



SAVE ENERGY by on-site inspection of the shell, seals, deckles, and loading mechanisms, and engineering of optimum seal and deckles sizes to match your roll's current condition.

Save energy and reduce drive loads - Coldwater offers an Efficiency Inspection of any suction roll at any location by a trained Coldwater technician. The procedure consists of the following:

- A multi-plane bore profile of the shell inside diameter
- Measurements of the suction box to establish the relationship between the seals and the shell
- An inspection of air loading tubes and/or springs for proper size and operation
- Drive load savings in excess of 100 amps have been achieved
- Engineering of the proper sizes of the seals and end deckles to achieve the most efficient operation possible
- Our recommendations will make most suction rolls operate at 5 psi (0.3 bar) or less air loading tube pressure
- Training of mill personnel in suction roll operation, maintenance, and problem solving is also available

