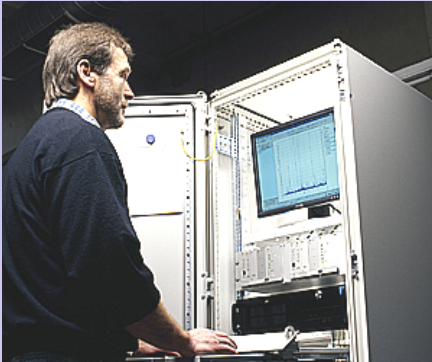


# F'IS Customer Newsletter

January 2005



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## VibroCheck success story at board mill

The FAG VibroCheck system's ability to detect incipient damage at an early stage, preventing unscheduled stoppages, has recently been proven impressively at Cascades Arnsberg GmbH. The German subsidiary of the Canadian Cascades Inc. is using the VibroCheck system with 130 measuring points to monitor the critical components in its board mill. The investment has paid off quickly as the system detected a damage on the outer ring of the m.g. cylinder drive-end bearing. The bearing was replaced by the F'IS fitters during a scheduled downtime period so that the board machine could be started again on schedule. Thanks to the early detection of the damage and the quick reaction of the F'IS team, the board mill was able to avoid not only the high cost of a production loss but also consequential damage.



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## New induction heater – FAG PowerTherm HEATER300 /~300M

Available now - the biggest and most powerful desk top heating device, HEATER300, for particularly heavy workpieces. It heats horizontally or vertically positioned rolling bearings weighing up to 300 kg, with bore diameters from 30 mm upwards, with a rated capacity of 13 kVA. Thanks to its slewing ledge, workpieces can be mounted on the heater more easily and much more quickly. The handy mobile HEATER300M version was designed especially for use in different places and comes with a trolley with a tray for storing ledges. The trolley is also available separately (order designation HEATER300.TROLLEY). The FAG HEATER300 completes the PowerTherm family of desktop devices.



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## F'IS service of the month: Reconditioning of bearings

Reconditioning of large bearings is well worth the expense, for such bearings provide the same performance as new bearings. The F'IS team can repair large bearings (up to an outside diameter of 4,250 mm) quickly and at a favourable price. Depending on the type and degree of damage, the cost of reconditioning is only approx. 20 % to 70 % (maximum) of the cost of a new bearing. Repair of a bearing takes 2 to a maximum of 12 weeks. In some cases, customers – after a thorough examination and damage analysis – are given the same guarantee as for a new bearing. Reconditioning of large bearings is of particular interest to operators of rolling mills, paper machines, mining machines and wind power plants.

**Any further questions?  
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