

# Press Release

## Siemens introduces advanced monitoring of industrial drives

Copenhagen, March 11, 2009. *Siemens Mechanical Drives liaise with Rovsing Dynamics to introduce new, advanced condition monitoring solution for gear systems. The objective is to maximize plant availability in the cement, minerals and other industries.*

The Mechanical Drives Division of Siemens is a market and technology leader in industrial drive systems. High reliability, quality and long service life are characteristics of their wide range of universal and application specific drive systems, proven in over 100,000 applications worldwide for more than 100 years. The company's comprehensive services include maintenance, repair, spare part management as well as machine monitoring.

"A reliable, centralised and predictive condition monitoring solution is key to our long term service agreements, and to ensure maximum plant availability for our customers," says Cengiz Yalcin, Head of Service International at Siemens Mechanical Drives. "And exact drive diagnosis is a prerequisite for condition-oriented maintenance. Using the latest online measuring technique based on Rovsing Dynamics' automated fault diagnostics and prediction software, we can exactly assess the extent of damage and schedule inspection and repair. Our knowledge and experience enable us to make a reliable analysis of the measured values."

Rovsing Dynamics' advanced OPENpredictor™ signal processing software and patented AutoDiagnosis™ with automated fault identification and prediction of lead time to inspection have been adapted to fulfill the needs of Siemens industrial drive applications and embedded into a strong Siemens hardware platform.

Siemens Mechanical Drives introduces the new advanced monitoring solution for both new and already installed gear systems for cement and minerals production, where they have a strong market position and large customer base. It will also be offered for applications in the plastics & rubber, food and other process industries.

"In today's insecure business environment cement and mineral producers tend to increase production capacity by modernizing existing plants instead of building new ones," says Cengiz Yalcin. "Efforts to extend the life time and efficiency of older machines call for reliable, predictive online monitoring, and competent diagnostics skills to prevent failure and ensure plant availability. Our new monitoring solution and remote monitoring service, Telediagnosics, provides this."

"Availability is crucial for our customers. One day's downtime at an average size cement plant can easily amount to EUR 250,000 in lost production," Cengiz Yalcin emphasizes.

"It is exciting for us to work closely with the experts at Siemens Mechanical Drives to develop online condition monitoring for gear systems," says Rovsing Dynamics' CEO Thea Larsen. "This is the second unit within Siemens to select Rovsing Dynamics and our OPENpredictor™ technology for advanced condition monitoring solutions. Recently, we supported with a predictive condition diagnostics solution for wind turbines."

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### Contacts

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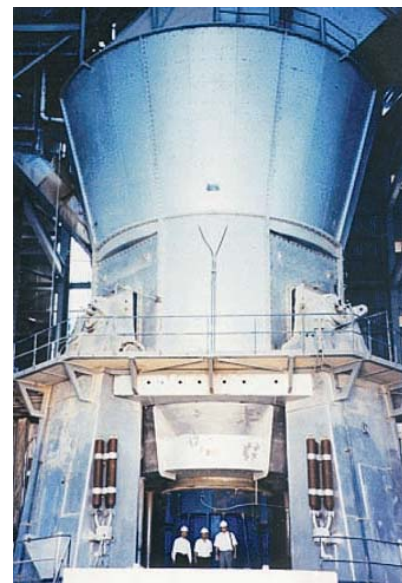
For high res illustrations, contact Marketing Mgr. Annette Risberg, +45 2441 1160, [ari@rovsing-dynamics.com](mailto:ari@rovsing-dynamics.com).

### About Rovsing Dynamics A/S

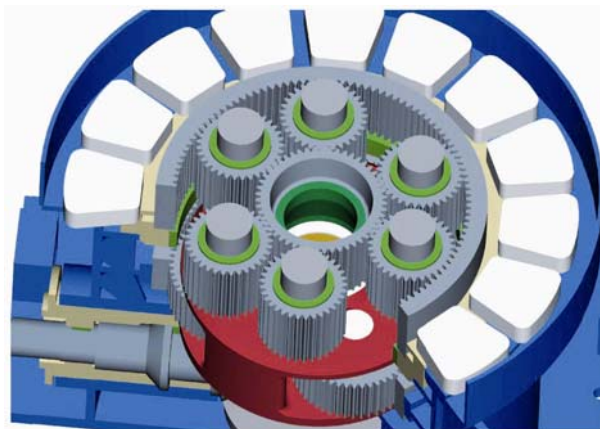
Rovsing Dynamics create value by increasing customers' revenue and profit as well as decreasing their risk. This is done by combining predictive operational information with dynamic business information for decision makers in the maritime, power generation and oil & gas industries, using a range of tools and monitoring solutions, typically based on the proprietary technology OPENpredictor™. Solutions and services are offered worldwide from the head office in Copenhagen, Denmark, sales office in the Netherlands and partners worldwide. [www.rovsing-dynamics.com](http://www.rovsing-dynamics.com)

### About Siemens Mechanical Drives Division

Under the brand Flender, the Siemens Business Unit Mechanical Drives manufactures mechanical drive equipment, such as is typically used in mechanical engineering, basic materials processing, transport and conveying systems and also in power generation. Its product portfolio particularly concentrates on gear technology, ranging from couplings and industrial gear units to large gears for power stations and wind turbines. Its widely diversified product portfolio ranges from couplings transmitting only a few Newton meters up to heavy-duty gear units transmitting torques of several million Newton meters. [www.siemens.com](http://www.siemens.com)



*Siemens' new, advanced condition monitoring solution for industrial gear systems and remote diagnostics services will maximize plant availability in the cement, mineral, plastics, rubber and other industries.*



*Condition monitoring can be installed on new gearbox units as well as drive systems already in operation.*