

# Improve *your* Bottom Line through *Quality Control*

*"Once you can measure and monitor performance, then you can improve it."*

*Susan Harford, CEO, Harford Industries*

*"My observation is that you don't know what you've got until you can measure it accurately and reliably. We now have complete roll data from dirty to finish with crown, taper, temperature and diameter in a database with six sort and search fields."*

*Epac 3000 customer*

 **Epac** Series 3000 will improve your mill's performance

*The design breakthrough of the Epac Series 3000 has produced an instrument that is mechanically and technologically superior to the old caliper technology, providing dramatic benefits in size, weight, accuracy, and multitasking.*

*The smaller size gives the user the ability to physically fit into places that would have been unavailable for roll inspection, allowing the instrument to be used for thermal profiling in tight places, troubleshooting in the mill, skating rolls without pulling them from a stack, as well as for the traditional profiling of rolls.*

- *Spot problems in the mill with the ability to skate rolls all over the plant and to test for temperature as well as profiling problems.*
- *With Epac's light weight compact design, troubleshoot problems by skating rolls in any position or location that is physically safe for the technician.*
- *By monitoring rolls progressively as they come out of a mill or stand, you can actually monitor mill performance.*
- *Skate top and bottom work rolls as soon as they are pulled from a stand (before the set is disassembled) to check for hot spots and profile anomalies.*
- *Analyze dirty skates to see if there are problems in the mill that should be corrected.*
- *Inspect rolls in the field to spot and identify problems with mills.*

- ***Graph temperature variations across the roll barrel surface***, retaining all data to monitor rolls and to save historical references.
- Monitor machine performance, operator performance, roll performance to ***improve your bottom line***.

## ***Quality-minded people love the Epac 3000!***

- ***Epac's*** PC-based system includes an onboard computer which wirelessly down loads to a touch screen hard drive PC. With the computing power of the PC, ***the manipulation and presentation of data become unlimited***.
- ***Epac's state-of-the art fast powerful computer*** has a ***huge memory bank*** for almost ***unlimited database capacity***.
- The operator functions are software controlled to provide the most extensive array of ***pertinent data available quickly, simply, and easily***.
- The touch screen active PC provides rapid on-screen display which ***can be viewed from many angles***.
- The ***Epac*** provides the capability for ***total roll management: Profiling, evaluation, and history***.
- The ***Epac*** allows you to develop ***sophisticated tracking systems, custom designed to fit your quality control standards***.
- The ***Epac package*** contains a touch screen active computer, and comes with a color printer to assist you in ***meeting your roll shop performance standards***. Multiple units can feed into a central computer.
- The ***Epac Series 3000*** software is loaded on a ***Pxi series Touchsystem Active computer with an Intel Celeron 500 MHz processor and a 2GB hard drive***.
- Save skates and/or transfer information via ***Epac's optional wireless data transmission*** to a central terminal where you can compare the performance of individual rolls by manufacturer, plant site, roll shop, and operator. Once you can measure and monitor performance, then you can improve it.
- ***Hone your just-in-time inventory systems to a science***, realizing ***significant cost savings and new efficiencies throughout your supply chain***. Ask your ***Epac representative for details***.