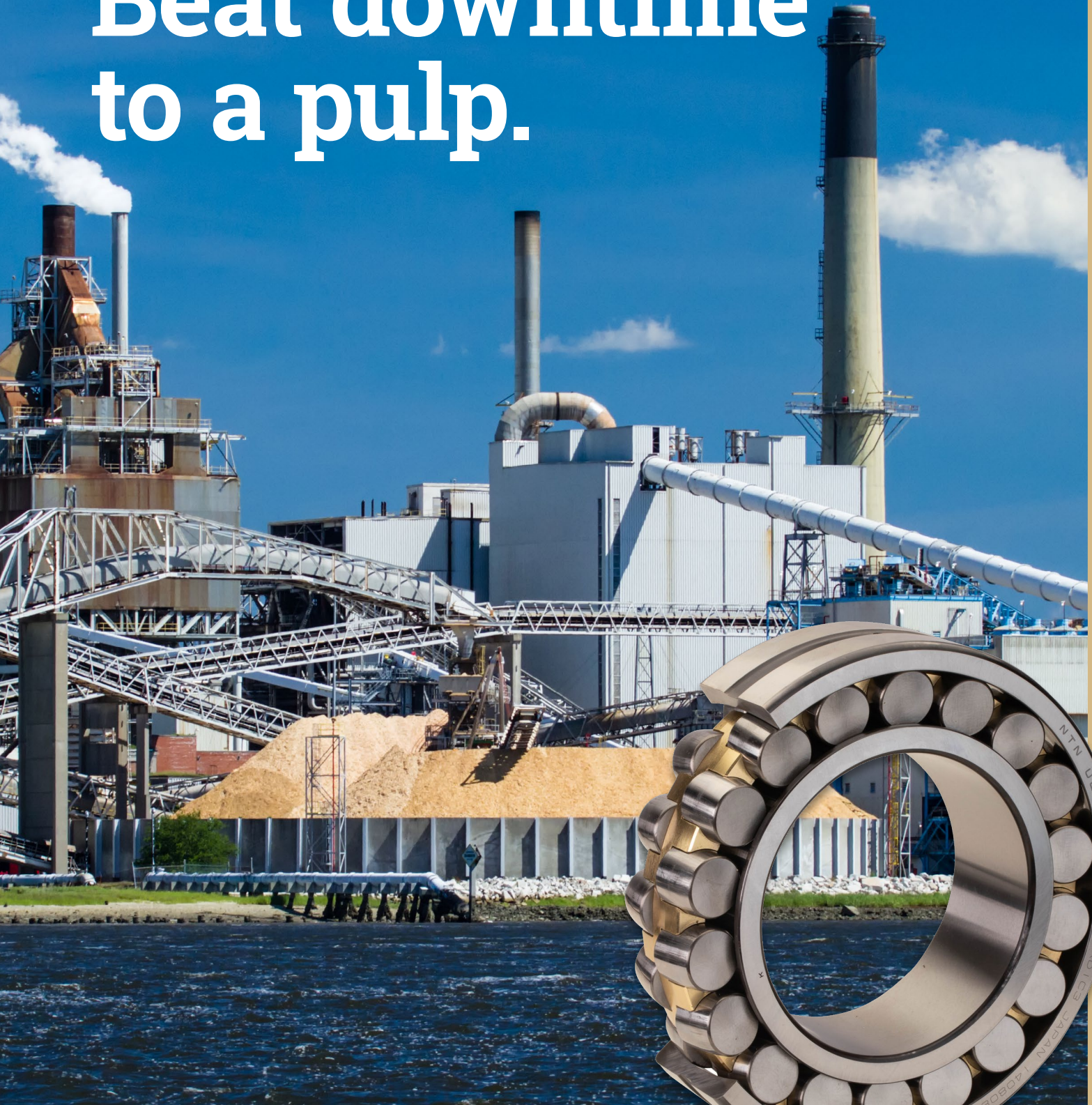


NTN[®]

Beat downtime to a pulp.



Your mill's number one ability is runnability.

Your machines are the moneymakers. Keeping all the rolls, presses, dryer cylinders, calenders, winders and reels operating smoothly directly affects the machines' ability to perform. At NTN, we understand that every minute of uptime means additional production and profits, so we've designed our bearings specifically with your machines' demanding conditions in mind.

NTN Tapered Roller Bearings

The premier bearing for many original equipment manufacturers of gearboxes, pumps and other rotating equipment. Available with case-carburized components for long life even under impact loading, especially in services like the dryer section.



NTN ULTAGE® Spherical Roller Bearings

Enhanced design providing 65% higher load capacity, 20% increase in speed rating and five times longer bearing life than conventional NTN spherical roller bearings. Machined brass cages available for heavy-duty applications.



NTN Bower Type E Mounted Roller Bearing Units

Self-aligning, double-row spherical roller bearing allowing +/- 2° of misalignment, is mounted in a heavy-duty solid housing protected by double-lip seals. Ideal for harsh wood yard equipment.



NTN Large Bore Spherical Roller Bearings

Bore sizes available up to 1,800mm (70.866") in cylindrical or tapered shaft bore designs. Optimized lubrication holes and grooves on the OD ensure maximum, even lubricant supply to all the rollers.



Press on with no worries.

Water, heat, dust and dirt are the standard operating conditions of the pulp and paper industry. That's why your mill requires bearings that can withstand these uptime killers. Backed by our team of service engineers, NTN provides you the products and know-how you need to get going.



NTN SPAW/SPW Mounted Roller Bearing Units

Superior integrated bearing seals and optional heavy-duty, bolt-on covers with seals provide a major upgrade from standard split housing SAFs on punishing wood yard debarker and chipper services.

Take your mill to the max.

To help deliver more uptime and output, NTN's heavy-duty products are built to exceed industry requirements for durability in the most demanding conditions. With reliable products like NTN Ultra-Class™ Mounted Ball Bearing Units and SPAW/SPW Mounted Roller Bearing Units, you're ready to meet your mill's demanding production targets.



NTN Ultra-Class™ Mounted Ball Bearing Units

Ultra-Class Mounted Ball Bearing Units are the standard solution for converting plant conveyors, ID fans and other applications.



NTN's engineering field support team provides critical on-site services such as bearing application reviews, troubleshooting inspections and installation training.



Beyond Bearings

Training. Installation Support.
Trouble-shooting. And more.

When you choose NTN, your team is equipped with all the necessary tools and resources to get the job done right. From installation to problem-solving, we'll be there with the hands-on support you need to take on your toughest challenges. This includes extra services such as:



Technical Training Unit

On-site, mobile training unit offering specialized, hands-on instruction from NTN engineers



Product Training School

Three days of in-depth instruction from NTN engineers at NTN headquarters
(go.ntnamericas.com/trainingschool)



eKnowledge

WEB-BASED TRAINING PROGRAM

Six online product training modules covering different bearing types and nomenclature
(www.ntnamericas.com/eknowledge)



NTN Bearing Finder

Customizable search tool featuring exhaustive data sets, comprehensive part interchanges and interactive CAD drawings
(bearingfinder.ntnamericas.com)



Disintegrating downtime is what we do.

For all your on-site service and support needs with proper product selection, installation training and trouble-shooting/problem solving, contact your local NTN Sales Representative or call **1-800-323-2358**.

For additional technical questions, email eng@ntnamerica.com.

