



Take your plate production to another level.

In any plate leveling operation, you'll find bearings engineered and built by NTN. We've been supplying bearings globally to the metals industry for over 35 years. Our fully customizable line of spherical, tapered and cylindrical roller bearings make NTN the unmatched standard in any plate leveler. NTN's newest innovations build on our legacy of taking performance to the next level by delivering the highest capacity and longest lasting bearings in the metals industry.



Our products are made to withstand your worst.

Your bearings endure extreme temperatures, high loads and water intrusion during the leveling process—often at low speeds without sufficient lubrication. That creates opportunities for failure, and a single failed bearing can cost your mill hours of production. That's why our bearings are designed by experienced engineers with a deep understanding of the stress put on your equipment. No wonder we've been trusted by the metals market for over 35 years.



You work 24/7. So do we.

Your mill runs around the clock... shouldn't your bearings do the same? At NTN, we're committed to getting you the products you need, whenever you need them. That's why we offer fast replacement parts through your local distributor, all stocked and ready to ship at a moment's notice. And if you ever need installation or technical support, we have experts with decades of metals experience who can assist you day or night.

Key NTN products for plate levelers.

NTN ULTAGE® SPHERICAL ROLLER BEARINGS (SRB)

SUPERIOR DESIGN

- New pressed steel cage increases maximum speed by up to 20%
- 40–65% higher standard load rating enhances bearing life
- Larger and higher complement of rollers increases overall bearing dynamic load capacity and allows a 20% reduction in operating temperature

E TYPE CYLINDRICAL ROLLER BEARINGS (CRB)

CONSISTENT OPERATION

- 50% longer life than standard
- Large diameter rollers increase bearing capacity.

LARGE SIZE EA TYPE TAPERED ROLLER BEARINGS (TRB)

EXTREME HEAVY DUTY

- 3x the peeling strength even when lubricant is contaminated
- 2x the life against crack fatigue
- 2x the wear strength



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 headquarters
(go.ntnamerica.com/trainingschool)



eKnowledge

WEB-BASED TRAINING PROGRAM

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



NTN Bearing Finder

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

Step up to the plate.

We're here to help you achieve your productivity and performance goals. For more information, contact your NTN Sales Representative or **call 1.800.323.2358**. For technical questions, **email eng@ntnamerica.com**.

NTN USA CORPORATION • 1600 E. Bishop Court • Mount Prospect, IL 60056-7604
Tel: 847-298-7500 • Fax: 847-294-1205 • www.ntnamerica.com

