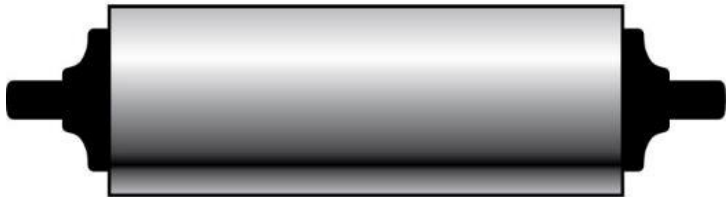


PRECISION ROLL GRINDERS

PRECISION

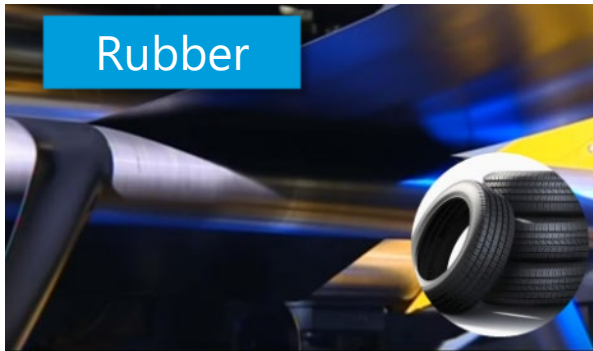
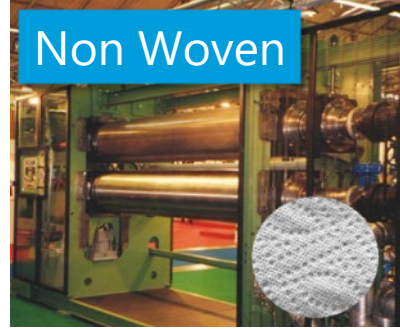
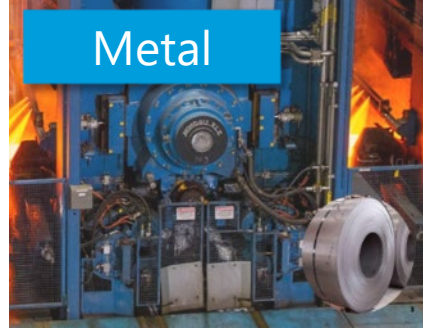
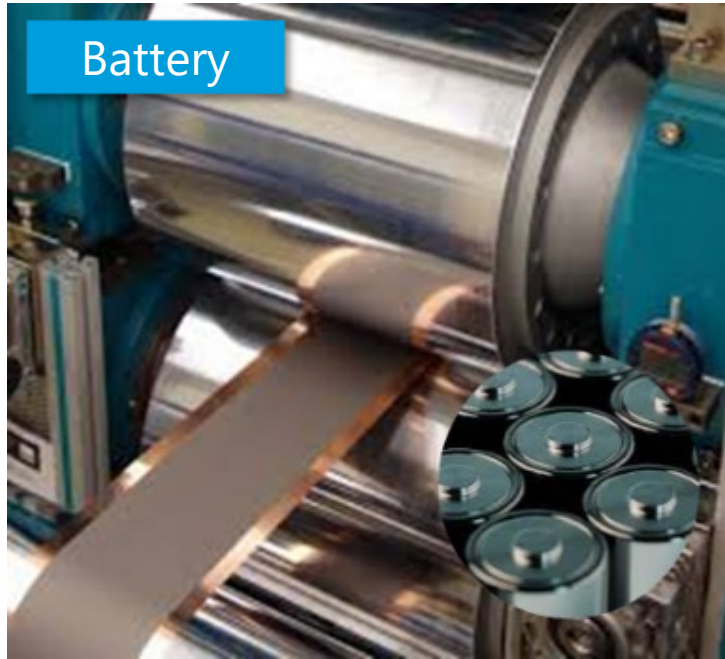


ROLL GRINDERS

COMPANY OVERVIEW

*WORLD-CLASS PROVIDER OF
ROLL GRINDING AND SERVICING
SOLUTIONS*





55 years Calender Roll Grinding Experience and 35 years of Battery Roll Grinding Experience



We partner with world leading companies to provide value by maintaining critical equipment and process tolerances

FOUR CENTRAL LOCATIONS



Cell & Pack Manufacturing

Gigafactory Plants | North America

Gigafactory Tracker - 1,564 GWh of Capacity

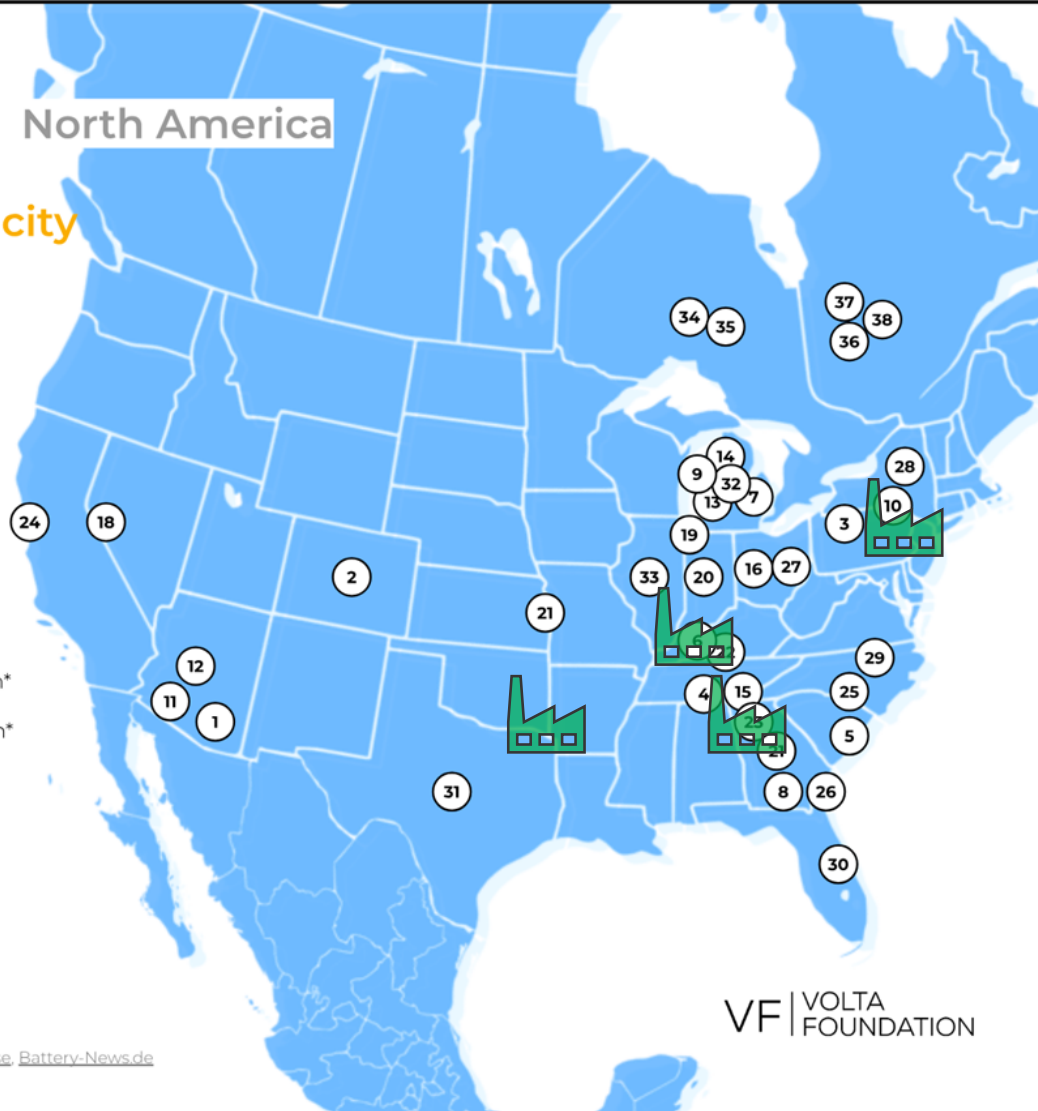
USA

- 1 ABF, USA, 15 GWh*
- 2 Amprius Tech, USA, 10 GWh*
- 3 Electrovaya Tech, USA*
- 4 Envision AESC, USA, 3 GWh
- 5 Envision AESC, USA, 30 GWh*
- 6 Envision AESC/Mercedes-Benz, USA, 40 GWh*
- 7 Ford/CATL, USA, 20 GWh*
- 8 FREYR, USA, 34 GWh*
- 9 Gotion, USA*
- 10 IM3NY/MAGNIS, USA, 38 GWh*
- 11 KORE Power, USA, 12 GWh*
- 12 LGES, USA, 27 GWh*
- 13 LGES, USA, 25 GWh*
- 14 Ultium Cells, USA, 50 GWh*
- 15 Ultium Cells, USA, 70 GWh
- 16 LGES/Honda, USA, 40 GWh*
- 17 Panasonic, USA, 39 GWh*
- 18 Panasonic/Tesla, USA, 100 GWh*
- 19 Samsung SDI/GM, USA, 30 GWh*
- 20 Samsung SDI/Stellantis, USA, 67 GWh*

- 21 SK, USA, 31.3 GWh
- 22 SK/Ford, USA, 86 GWh*
- 23 SK/Hyundai, USA, 35 GWh*
- 24 Tesla, USA, 10 GWh
- 25 Toyota, USA, 30 GWh*
- 26 LGES/Hyundai, USA, 30 GWh*
- 27 Ultium Cells, USA, 41 GWh
- 28 Electrovaya, USA*
- 29 Forge Battery, USA* 1-3 GWh
- 30 SAFT, USA, 2 GWh*
- 31 Tesla, USA, 100 GWh
- 32 Our Next Energy, USA, 20 GWh*
- 33 Gotion, USA, 40 GWh*

Canada

- 34 LGES/Stellantis, CA, 45 GWh*
- 35 PowerCo, St. Thomas, CA, 90 GWh*
- 36 Lion Electric, Quebec, CA, 5 GWh
- 37 STORMVOLT, Quebec, CA, 10 GWh*
- 38 Northvolt, Montreal, CA, 60 GWh*



Four locations central to planned Battery production



Allentown, PA
Carrollton, GA
Lewisport, KY
Texarkana, AR

*Non-operational, slated for future date



11 Roll Grinders

- Custom designed for PRG
- Maximum Length: 15.2m (600")
- Maximum Diameter: 2.6m (102")

Highly Trained Operators

- 5-year Apprenticeship Training Program
- Average 15+ Years of Service



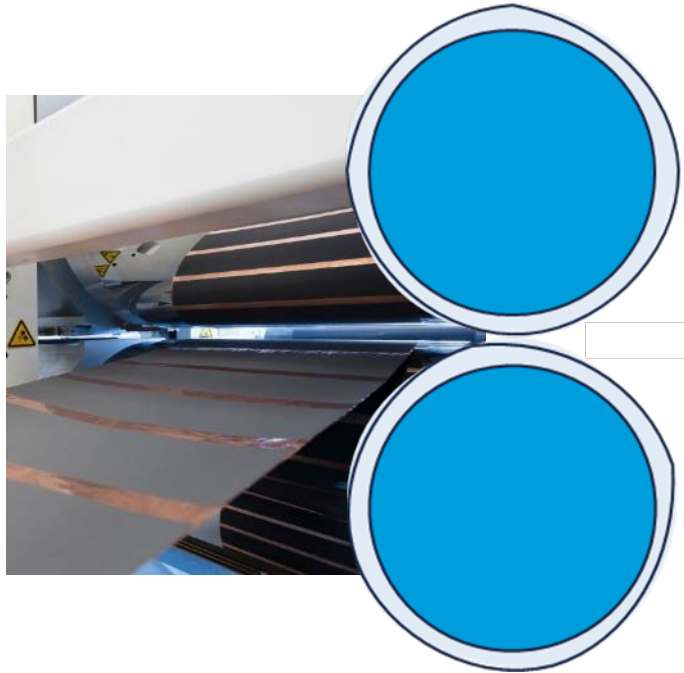


Industry	Diameter		Face Length		TIR Tolerance		Finish	
	mm	in	mm	in	μm	in	μRa	Ra
Battery	320mm	12.6"	280mm	11.0"	2μ	0.000080"	0.050μRa	2Ra
Battery	880mm	34.6"	1016mm	40.0"	1μ	0.000040"	0.100μRa	4Ra
Coating	305mm	12.0"	460mm	18.1"	1μ	0.000040"	0.150μRa	6Ra
Plastics	721mm	28.4"	2690mm	105.9"	2μ	0.000080"	0.020μRa	0.8Ra

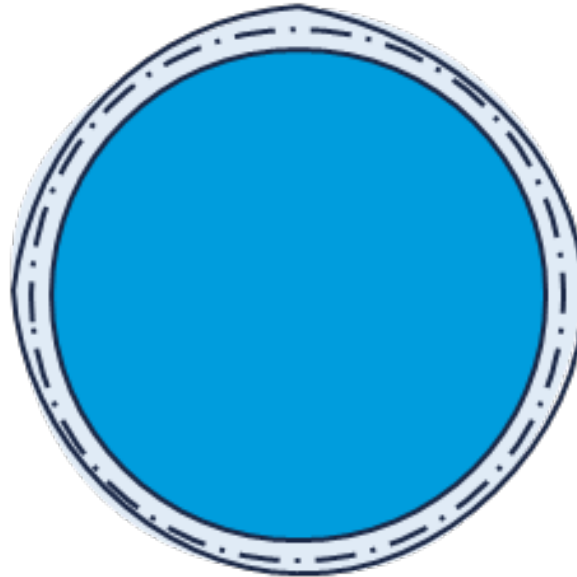
Information Systems

- Database for Individual Rolls
- Roll Service History
- Data Permanently Maintained

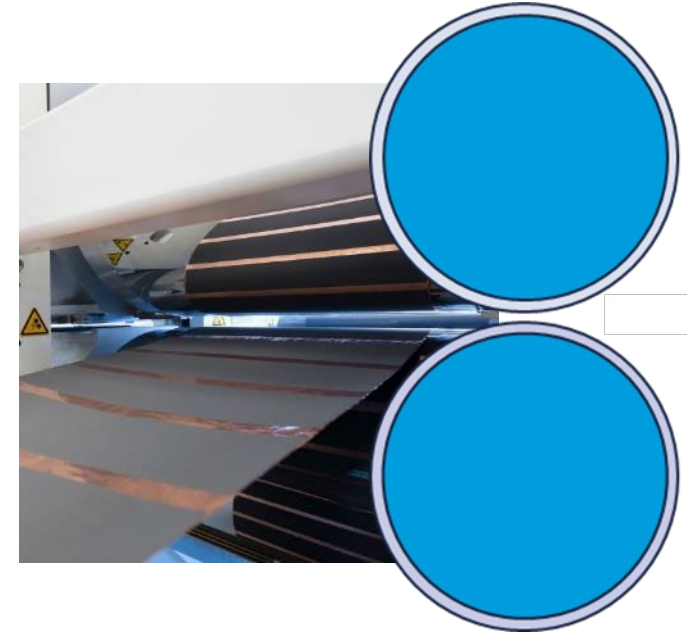




- Roll wear leads to
- Increased TIR
 - Poor Concentricity
 - Increased Electrode Variation



- PRG Grind to Save
- Removes minimal material
 - Does not require new chrome
 - Reduces lead time to repair

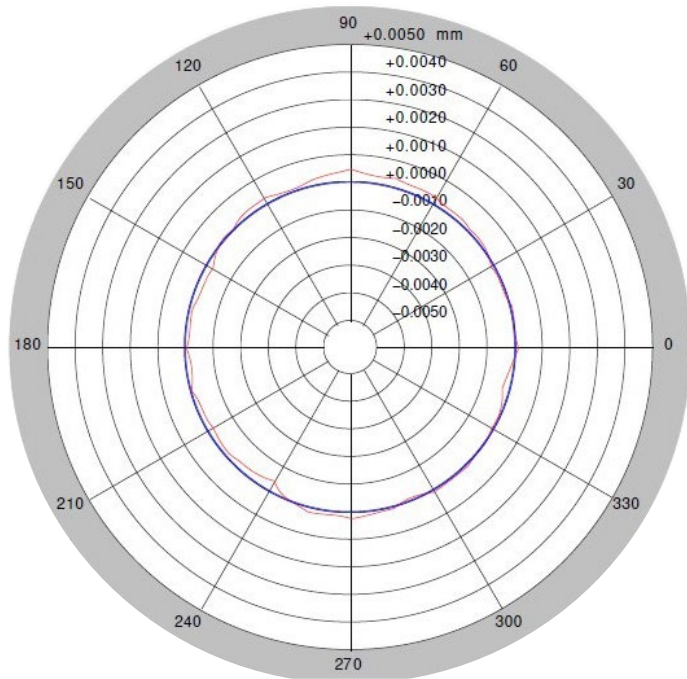


- PRG Grinds
- Improve TIR
 - Improve Concentricity
 - Reduce Electrode Variation

Because PRG's Grind to Save does not require new chrome, it is **Environmentally Friendly and Cost Competitive**

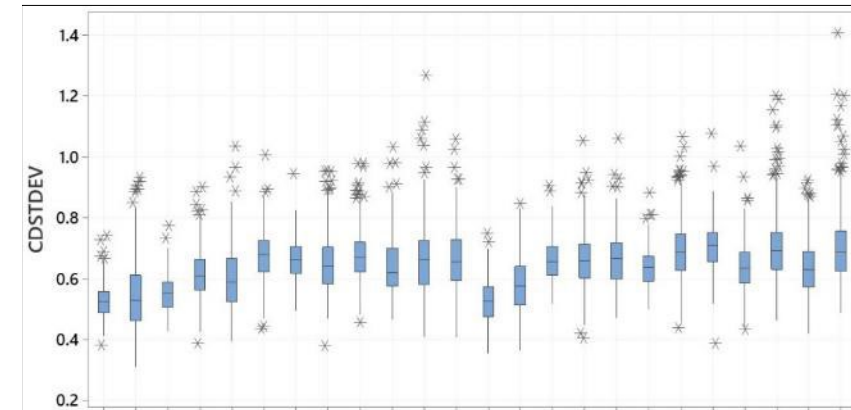
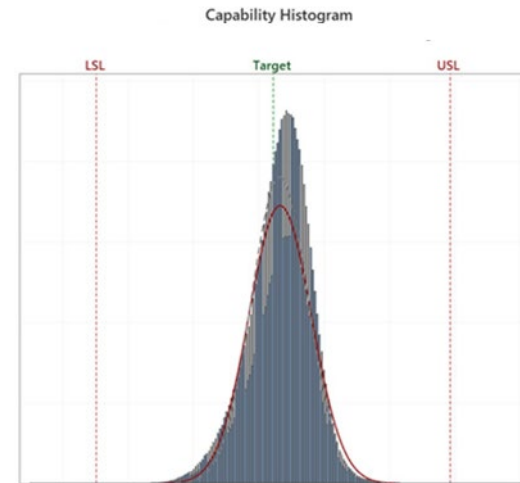


PRG Ground Rolls



Rolls ground to a tolerance of 0.00004" or 1 micron

Process Capability



- Over 2.4 million data points
- Achieved a Cpk of 2.01
- STDEV of less than 1 micron

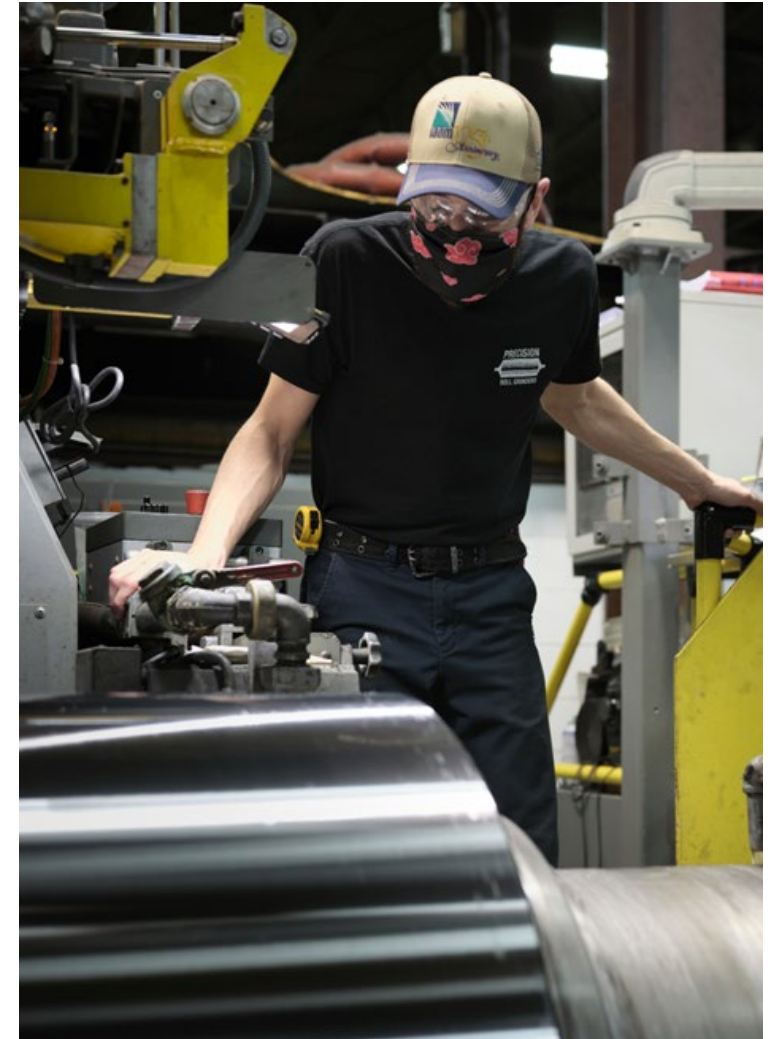


- Expedite Services
- Advanced Coatings (Carbide, Chrome)
- Precision Bearing Assembly
- Hot Grinding and 3D Grinding
- Superfinishing
- Diameter Match





- 55 years grinding experience
- 35 years adding value to Battery manufacturing
- Four locations central to planned Battery production
- Statistical Engineering support
- Grind to save chrome
- Expedite services



PRECISION

ROLL GRINDERS

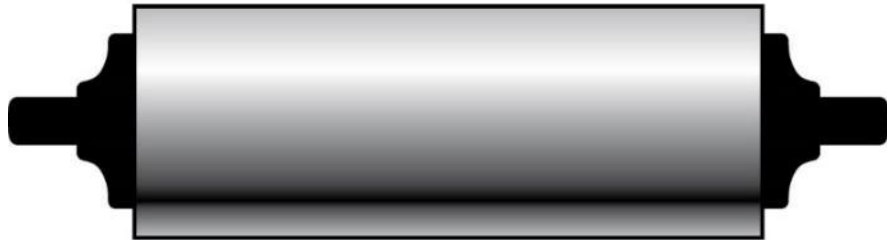
THANK YOU



PRECISION

ROLL GRINDERS

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ROLL GRINDERS

CONTACT US

If you have questions or would like to request a quote, give us a call or contact us through our website.

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