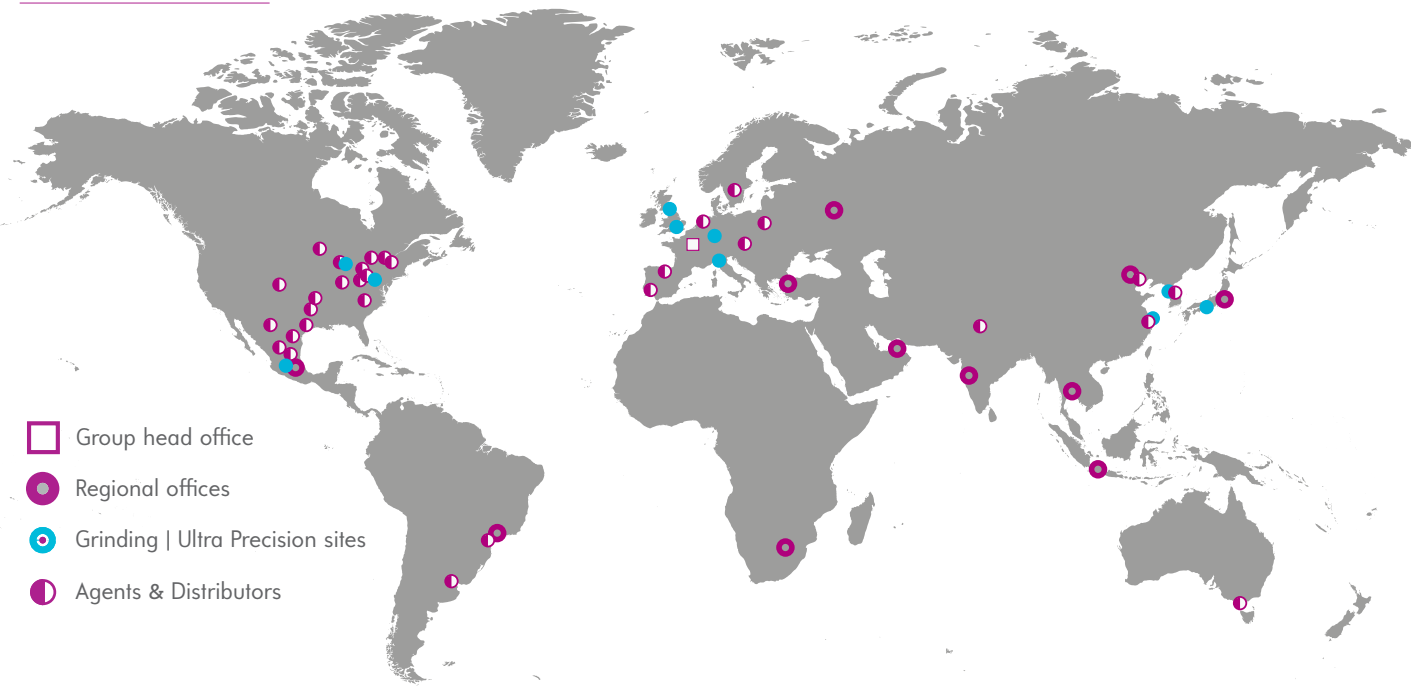


GrinderCareSM, a full range of services aimed to maximize clients' performance



GrinderCareSM supports the full and maximum product life of the following brands:

- Besly
- Giustina
- Pratt & Whitney
- Bryant
- Gold Crown
- Warner Swasey
- Cincinnati
- Landis
- Norton
- Gardner

Fives Landis Corp.
16778 Halfway Blvd.
Hagerstown, MD 21740
UNITED STATES
Tel: +1 301 797 3400

Fives Landis Ltd.
Eastburn Works, Skipton Road
Cross Hills Keighley
West Yorkshire BD20 7SD
UNITED KINGDOM
Tel: +44 (0) 1535 633 211

**Cranfield Precision
Division of Fives Landis Ltd.**
Woburn House, 3 Adams Close
Kempston, Bedford MK42 7JE
UNITED KINGDOM
Tel: +44 (0) 1234 312 820

Fives Landis GmbH
Dreifelderstrasse 42
70599 Stuttgart
GERMANY
Tel: +49 (0) 711 45 11 45

Fives Giustina S.r.l.
Corso Lombardia 79
San Mauro Torinese, Torino, 10099
ITALY
Tel: +39 011 222 8621

Daisho Seiki Corporation
2-1, Kunimidai 6-Chome, Ishinomiya
Hyogo 669-1135
JAPAN
Phone: +81 797 62 5500

Fives Grinding Mexico
Circuito Aguascalientes Norte # 151-4
Parque Industrial Valle de Aguascalientes
San Francisco de los Romo
Aguascalientes C.P. 20358
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**Shanghai Fives Automation &
Processing Equipment Co., Ltd
Guangzhou Branch office**
Plant No. 12, American Industry Park
No. 48, Hongmian Ave.
Huda District, Guangzhou, 510800
CHINA
Phone: +86 (0) 20 3770 7471

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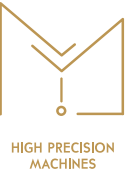
grinding-ultraprecision@fivesgroup.com



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GrinderCareSM



SERVICE



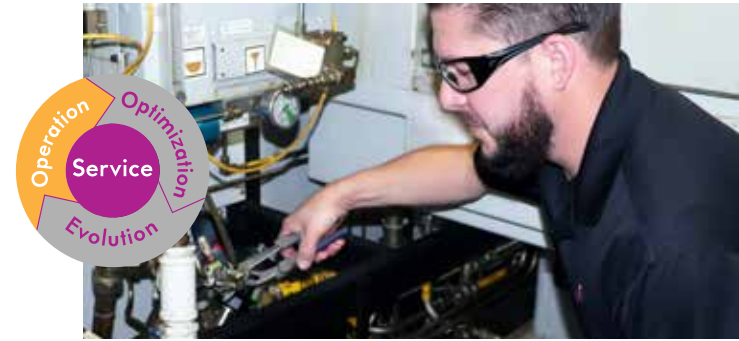
Complete life cycle solutions
for grinding machines around the globe

- Extend product life
- Maintain peak efficiency
- Reduce the cost of machine ownership
- Maximize performance through a full range of services



Operation

- Machine assembly
- Machine set-up
- Machine commissioning
- Warranty periods
- Spare parts
- Replacement parts



Machine Assembly

Customers can trust our team of technicians to assemble machines for new installations or relocations to the original machine standards.

Machine Setup

Using their years of experience, our technicians will ensure machines are properly setup and functioning.

Machine Commissioning

During machine commissioning, our technicians will make sure machines are fully operational and performing above and beyond technical requirements.

Warranty Periods

We stand behind our products, parts and services. We are committed to guaranteeing the industry's highest level of quality and functionality.

Spare Parts

The GrinderCareSM team will work with customers to ensure they have the spare parts necessary to eliminate downtime and keep machines running at optimal efficiency.

Replacement Parts

Regardless of the machine vintage, when replacement parts are needed, customers can count on our team to assist in getting the right, OEM quality parts.

Optimization

- Customizable training
- Machine evaluations
- Technical support & consultations



On-site Services

Our highly experienced technicians can be on-site for customer training, technical support, troubleshooting, maintenance, evaluations, installations and repairs.

Technical Support

Our experienced GrinderCareSM team offers technical support to customers via phone or email. Our global network allows us to provide 24/7 support.

Training

We offer customized training in local languages to ensure personnel can keep equipment running at optimal efficiency.

Unit Repairs

Our GrinderCareSM team project manages all aspects of unit repairs and rebuilds to ensure OEM quality is maintained. Precision parts and components are finished in-house and units are assembled by highly experienced technicians to OEM specifications.

Software Upgrades

Our controls, PLC, and computer upgrades provide faster computation, improved grind control, undated technologies, and operator-friendly setup. We offer standard upgrade packages, as well as, fully customized engineered solutions.

Evolution

- Retools & refurbishment
- Remanufacturing
- Obsolescence management
- Up-to-date technologies



Retools

Our GrinderCareSM team works in conjunction with engineering to provide quality, engineered solutions for customers looking to retool, modify, or upgrade existing equipment in the field.

Remanufacturing

We offer the option of a complete remanufacture of existing equipment at one of our facilities. Our GrinderCareSM Team works with in-house engineering and manufacturing to complete the remanufacture to customer specifications.

Preventive Maintenance

Our experienced technicians can be on-site to perform routine preventive maintenance on equipment, as well as, more advance diagnostics including infrared, thermal, vibration and statistical analyses.

Machine Certifications

We offer customers the option of having their machines certified by a trained technician to internal, international and industry standards.

Machine Evaluations

Our experienced technicians perform all machine evaluations, which help to prevent future production interruptions and breakdowns while limiting the need for major repairs by preventing failures.

Machine Relocations

Our GrinderCareSM team can assist with machine relocations; in-house or across the globe. Our technicians will ensure equipment is properly decommissioned, prepared for shipment, re-installed, setup and tested.

Reutilization of current assets

