

ProGrit GmbH

Innovative Production Technology



Dr. Dietmar Kramer **CEO ProGrit GmbH**

Wetzikon, 13/11/2018

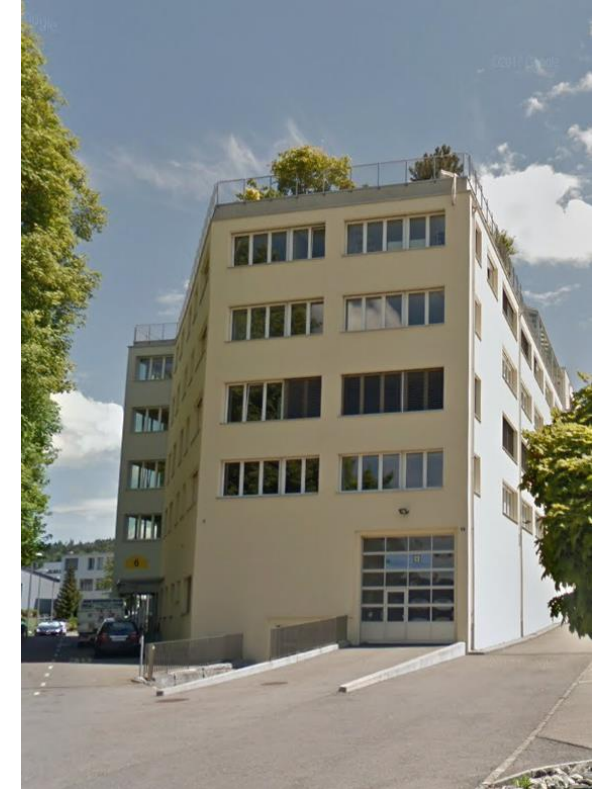
V1.0 11/2018

ProGrit GmbH – Company Profil



Founded 2002
Dr. Dietmar Kramer
CEO and Owner
PROGRIT GmbH

Located
Wetzikon / Switzerland



Forming Powder Metallurgy / Tool and Die Shop / Machining

Process development compaction

- Direct pressing (die pressing)
- Extrusion

Clamping, measurement and automation

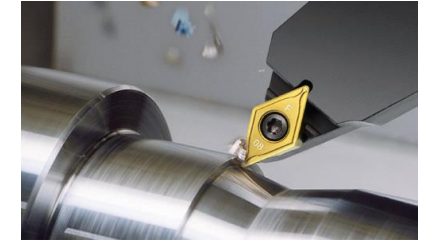
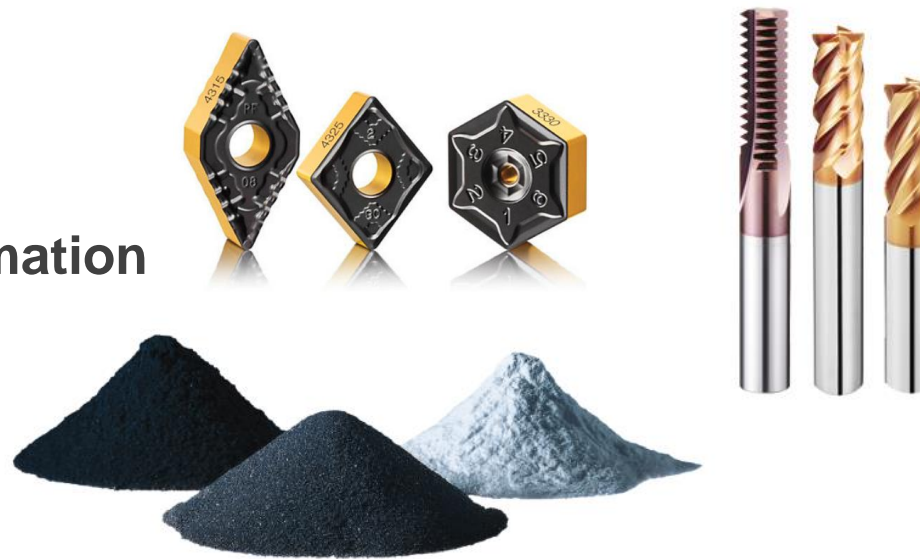
- Reference clamping systems
- Measurement systems
- Work and data flow systems
- Automation

Tool and die shop

- Compaction tools

Finalization (Grinding)

Consulting & Engineering



Direct pressing (Die pressing)

I Reference Clamping

1 - 1000 tons Compaction Force

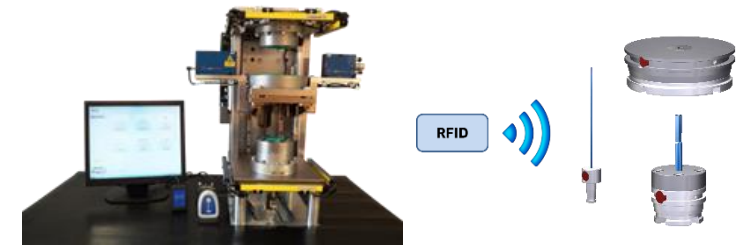


II Measurement and Alignment

Software and Hardware



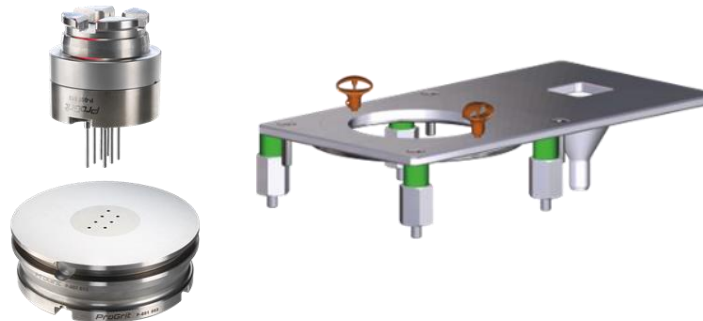
III Work and Data Flow, Tool and Press Management



- Automation / Handling
- Identification Systems

IV Compaction Tools

Design and Production



V Multi Axial Compaction

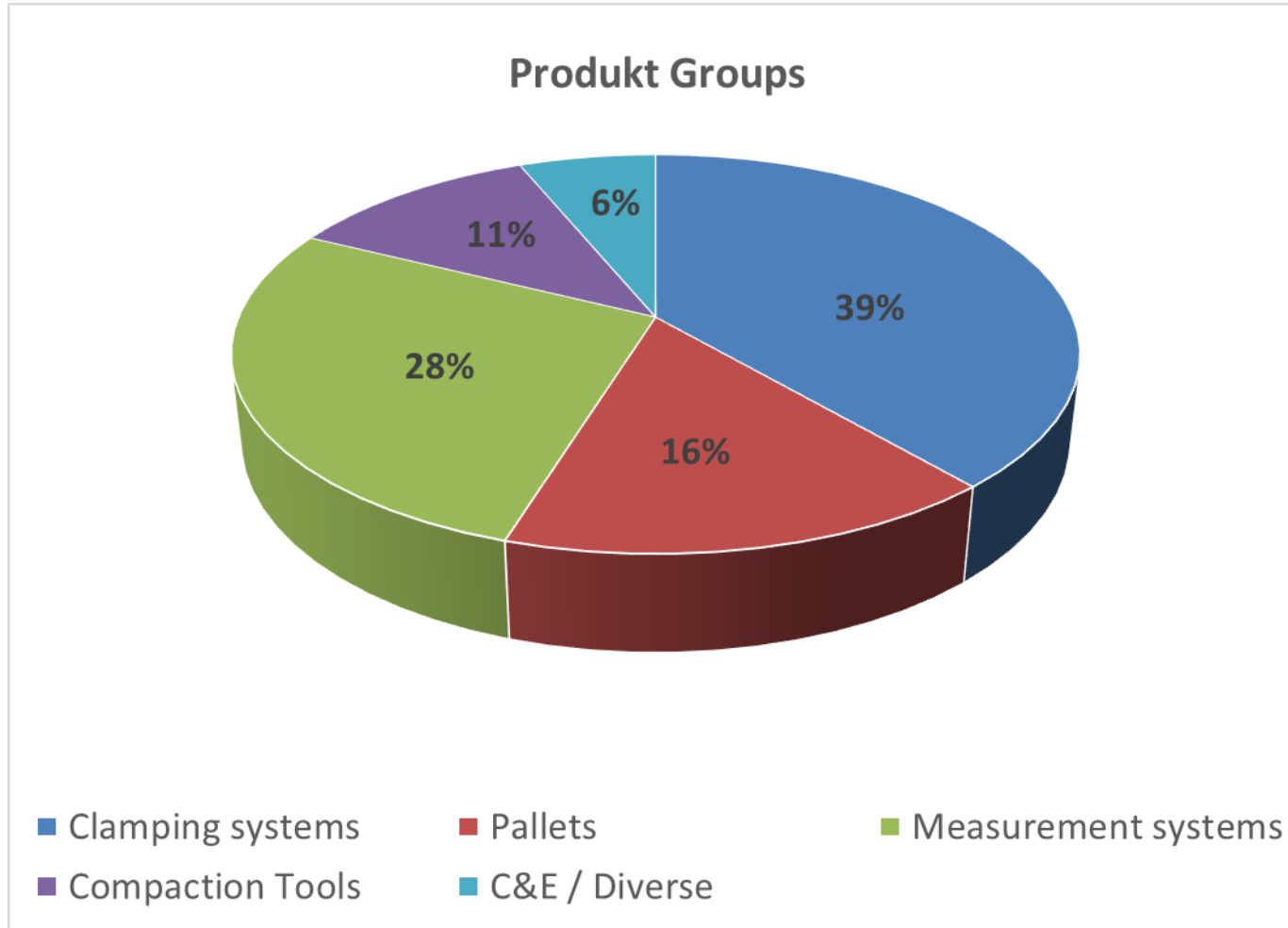


VI Process Optimization Consulting & Engineering

Powder Handling / Compaction / Finalization



Product Groups / Installed Systems



100 Press installations

- Compaction force 1 - 640 tons
- Single and multi cavity tools
- Cross compaction / splitted die
- Carbide / Iron powder / ceramics

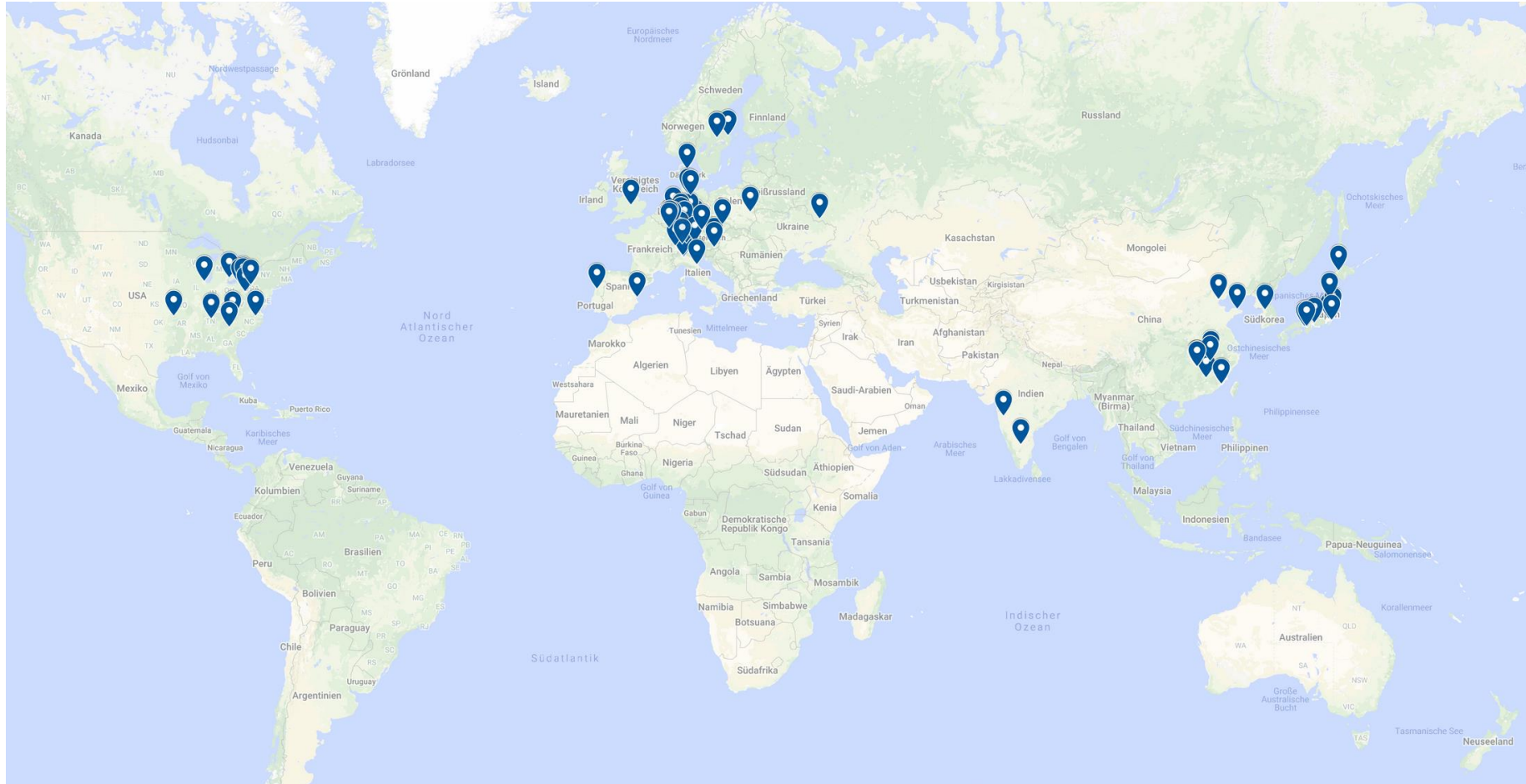
100 Measurement installations

- Alignment systems Press
- Geometrie systems Press
- Palletization systems tool shop

30 Tool sets

- Inserts (Single and multi cavities, splitted die)
- Rods (Single- and multi cavities)
- Wear parts (Single and multi cavities)

World Wide Presence / Customers

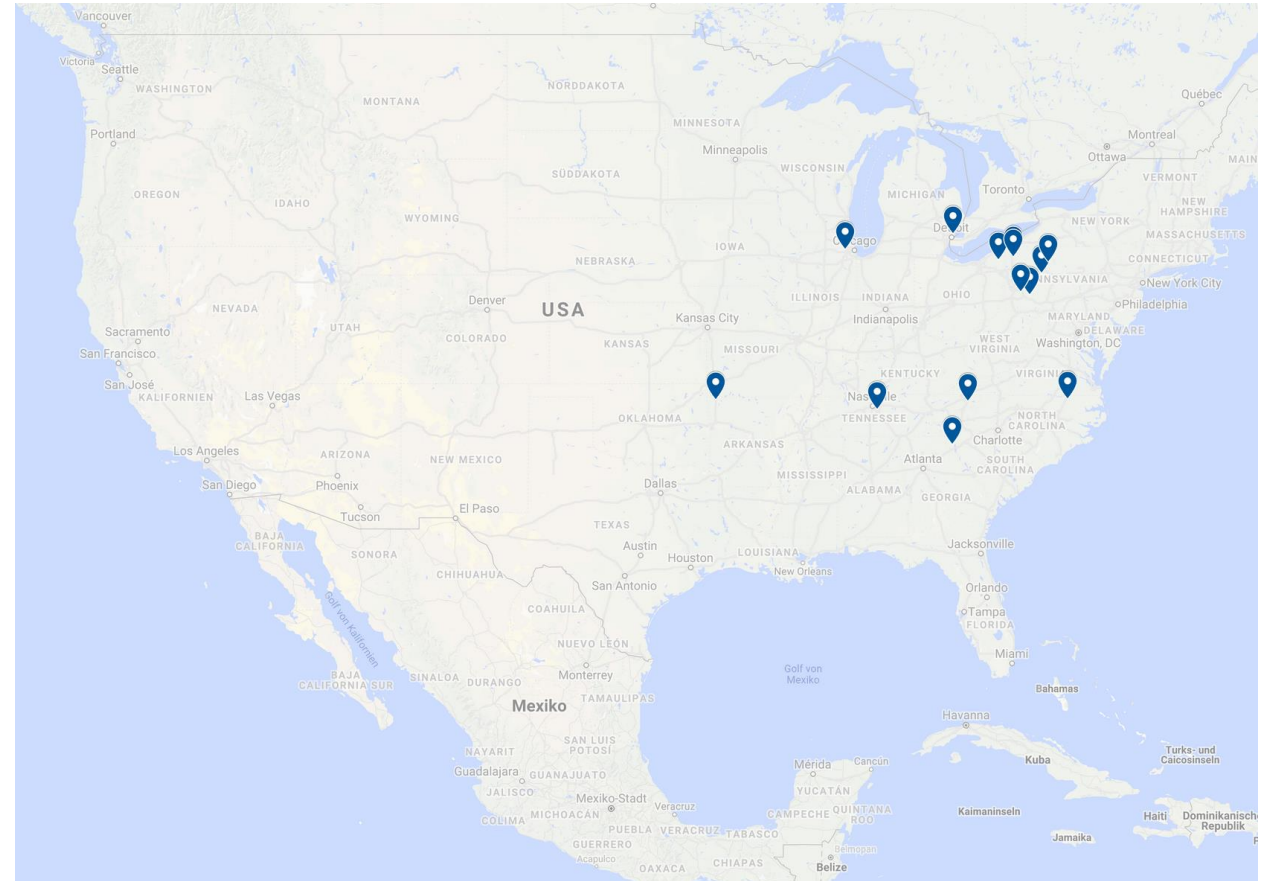


85 Customer world wide

3-5 New customers / year

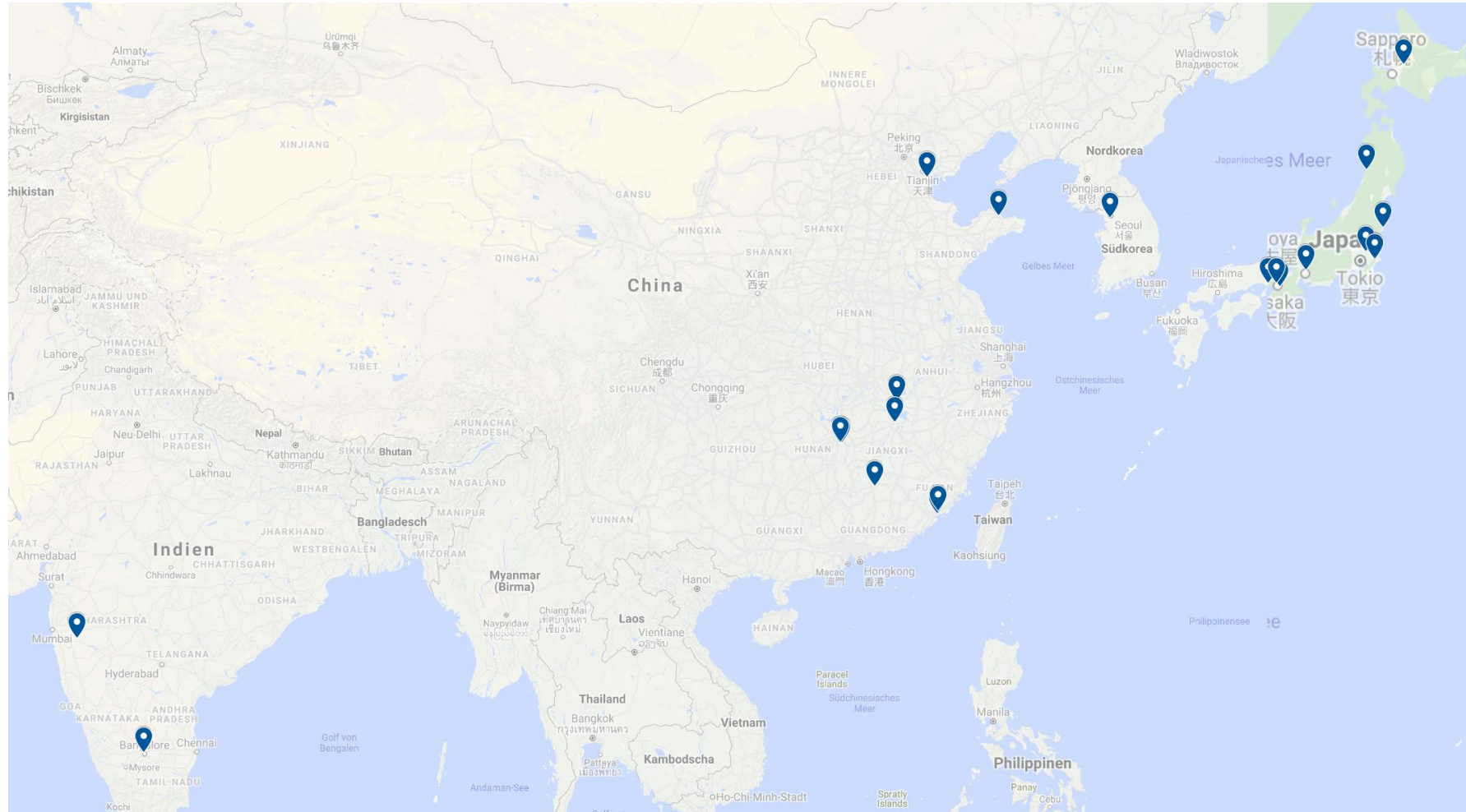
20 Presses / year

Customer Europe / North Amerika

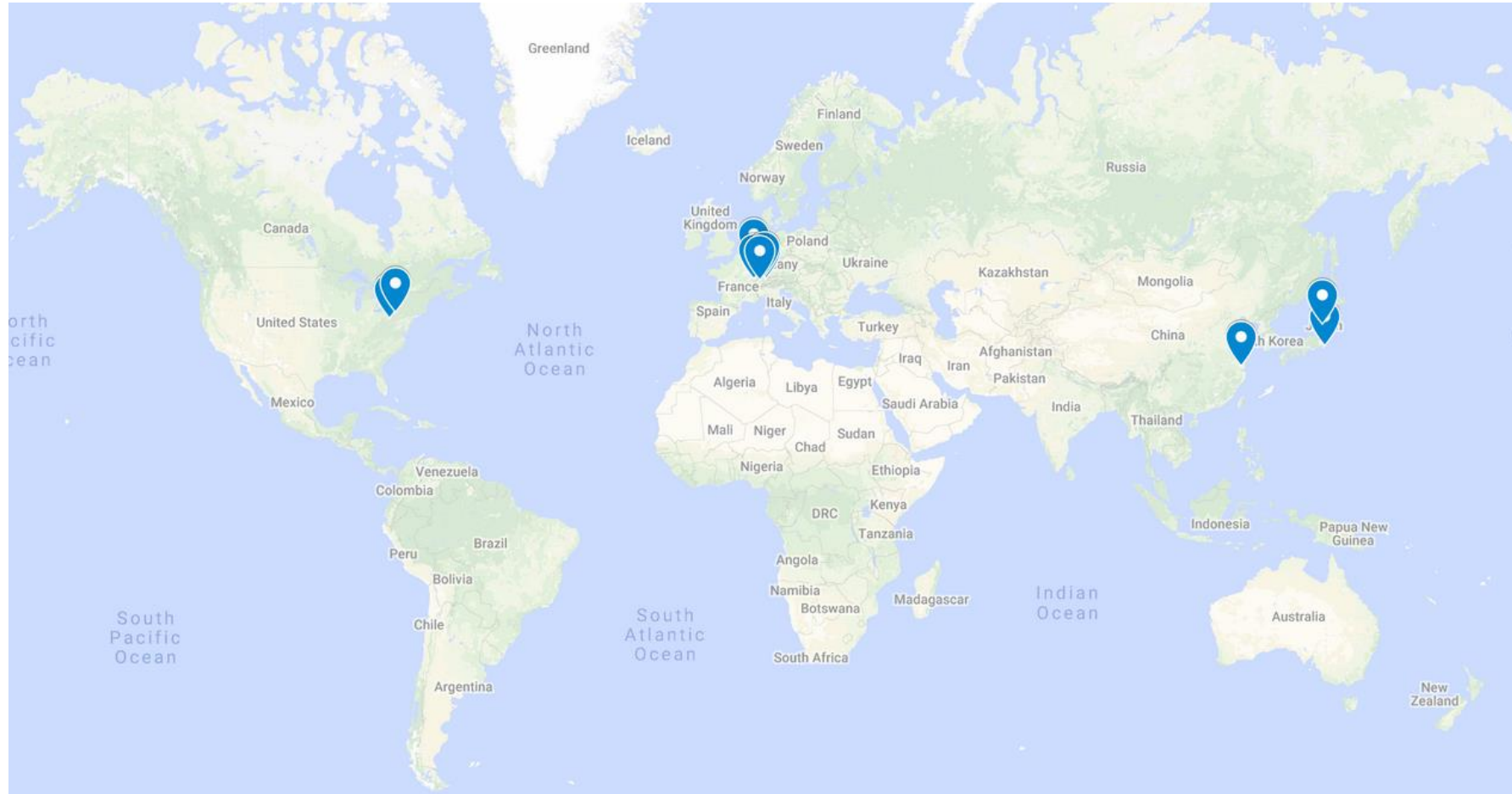


Market and technology leader in Europa and North Amerika

Customer Asia

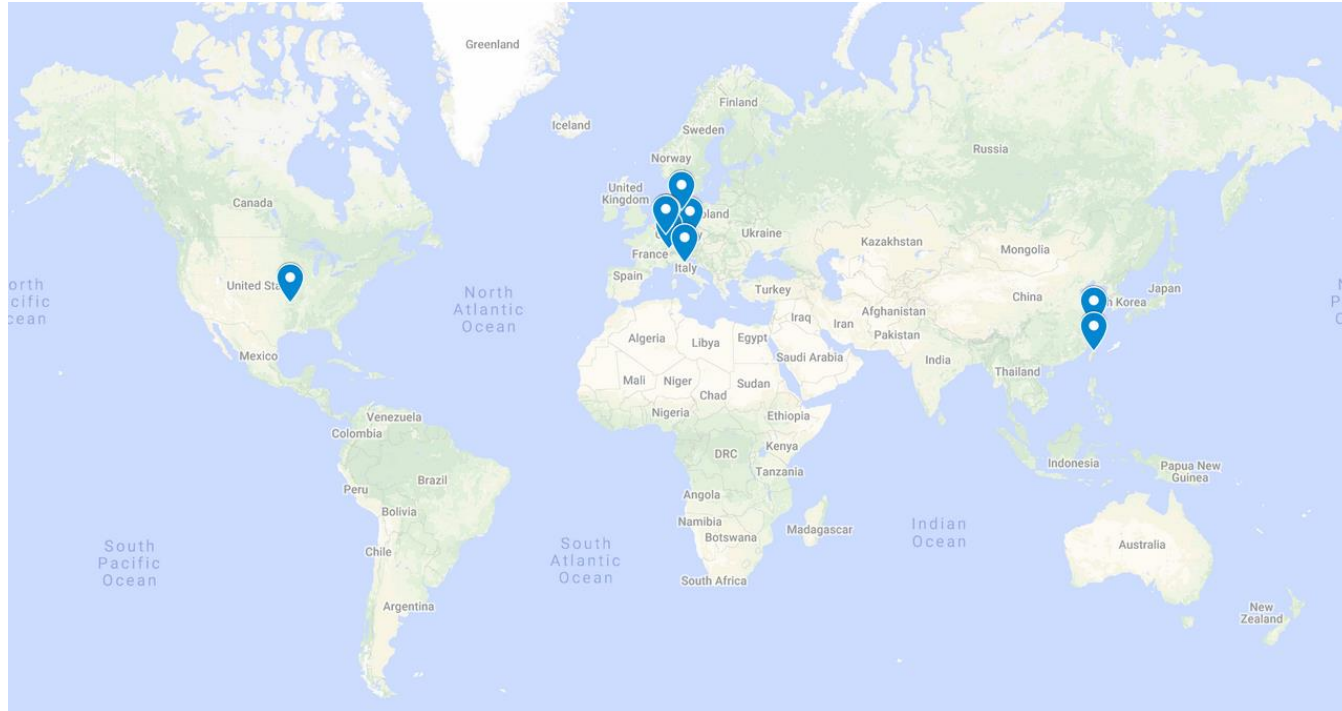


Tool and die shops for ProGrit tools



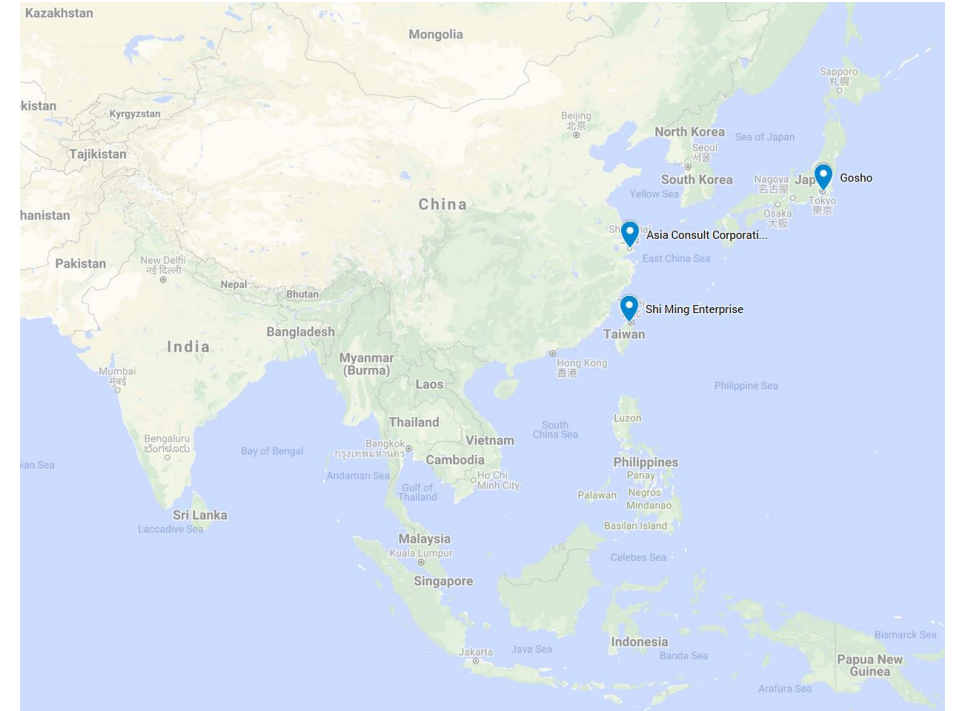
10 Tool vendors world wide / Alternative to ProGrit tool production

Distribution / Sales Agents / OEM's



Distribution world wide by ProGrit Switzerland

- 3 Sales agents (China, Japan, Taiwan)
- 7 OEM's (Press manufacturer)



Sales agents Asia

- Asia Consult Corporation (China)
- Gosho (Japan)
- Shi Ming Enterprise (Taiwan)

Exhibitions / Show Room



CERAMITEC Munich
JIMTOF Tokyo

DMP Shenzhen
World PM

Show Room Wetzikon / Switzerland



ProGrit GmbH
Kastellstrasse 6
CH - 8623 Wetzikon
Switzerland

Phone +41 (0) 44 844 54 26
Fax +41 (0) 44 844 54 27
Mobile +41 (0) 79 630 22 83
info@progrit.com www.progrit.com

ProGrit is specialized in clamping, measuring and tooling technology for the compaction of metal and ceramic powder.

Innovative products combined with unique know how and purposeful engineering leads to the comprehensive mastery of the technology chain of compaction of metal and ceramic powders, building the base of success for our customers.

In addition to the innovative products ProGrit offers technical and economical consulting in the field of compaction, grinding, measurement, tool and production technology for the machine tool industry and the tool and die manufacturing.

ProGrit offers comprehensive and holistic consulting & engineering services - from the analysis of the current state up to the industrial realization and implementation of complex engineering solutions.