

Surface, Profile, ID, OD and more...

Okamoto has the widest range of top quality grinders.

From precise tool-room applications to rigorous high production runs, Okamoto has the highest-quality grinding machines for more applications than anyone. All feature innovative design, rock-solid construction and long term peak precision for maximum return on investment.

Our support and service staff is dedicated to total customer satisfaction after the sale.

Check out our comprehensive line of grinders.

We have the right machine for your application.

Saddle & Rotary Type Surface Grinders & Precision Form Grinders

Linear B, ACC-DX, ACC-GX, ACC-SA1, ACC-NC Series, PRG Rotary Series

Manual / Automatic / MDI Control / CNC

Grinding Capacities (W x L):
6" x 12" to 20" x 40"



Column Type Surface Grinders

ACC-CA

Grinding Capacities (W x L):
16" x 24" to 24" x 40"

ACC-DX, ACC-iQ and ACC-DXNC Series

Grinding Capacities (W x L):
24" x 48" to 32" x 80"

Automatic / MDI Control / CNC



ACC-CHiQ Double Column Surface Grinders

Ideal for demanding mold and die-base production grinding & other rigorous large component grinding applications.

Grinding Capacities (W x L):
32" x 80" to 32" x 140"



OGM Series Cylindrical Grinders

MDI Control / CNC

Grinding Capacities (OGM-8•20):

Swing over Table: 8.6"

Center Distance: 20"

Grinding Capacities (OGM-12 Series):

Swing over Table: 12.6"

Center Distance: 20" / 36" / 59"

IGM Series Internal Grinders

MDI Control / CNC Single & Twin Spindle Models

Grinding Capacities:

Max. Dia. to be Ground:

0.24" ~ 6" / 0.24" ~ 8"

Max. Grinding Stroke: 5" / 8"

Okamoto Specialty Grinders

PRG Series Rotary Grinders

SSG Series Spline Shaft Grinders

Large Capacity Double Column Grinders

UPZ-8•20Li Ultra-High Precision Form Grinder

Also available OGM-8•20UDX with DX Control.
Perfect for toolroom applications.

Super Productive

UGM-12-24NC 3-Spindle CNC Universal Grinder



- High-Productivity Single Chucking:
Plain OD, Angular OD/Face, ID
- Double-V Slideways assure precise tracking and long-term accuracy and reliability
- Zero Table Overhang
- Precise Ballscrew Table Drive
- DD Motor assures extremely accurate spindle indexing for superb accuracies
- Built-in High-Precision Spindles are temperature controlled for thermal stability

UGM-12-24NC

Swing: 12", Center Distance: 24"

UGM-12-40NC

Swing: 12", Center Distance: 40"

Machines Pictured with Options

Easy to Use

Aero Lap YT-300



- Safely polish even the most intricate parts 10 to 20X faster
- Enhances durability and prolongs the lifespan of molds and dies
- Improved PVD / Coating
- User-friendly control system
- Low operating cost
- Environmentally friendly

Work Envelope W x D x H: 19" x 16" x 13"

Small Footprint: 27.6" x 35.4" x 63"

Large Capacity

UGM-5V CNC Universal Grinder



- Angular, Internal, Cylindrical and Shoulder Grinding capability in a single set-up for optimum straightness and cylindricity accuracies
- Extreme roundness accuracies of 0.9 micrometers
- Compact design saves valuable floor space
- Standard Rotary Dresser
- Automatic Wheelhead Swivel standard
- Automatic Wheel Changer available

Internal Diameter to be Ground: 2.75" ~ 19.7"

Maximum Grinding Stroke: 10"

Grinding Spindle: 15 hp

Floor Space (L x W x H): 94" x 79" x 111"

Weight: 15,435 lbs

Okamoto *Emerging Abrasives Technology*

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