

Automated Grinders – Dual Head, Full Auto

The EAG-88DANX and EAG-28DANX machines are designed to grind advanced materials to a high degree of precision in flatness and surface quality, often reducing or eliminating the need for lapping. The compact design features advanced control and process monitoring normally found in much higher priced systems.

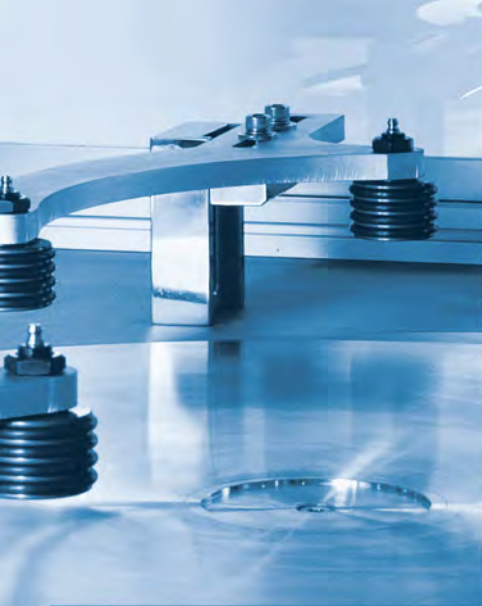
Features:

1. Rough and fine grinding with two spindles
2. Cast frame
3. High precision, high rigidity linear system
4. PC based machine
5. Automatic thickness measuring system
6. Automatic cassette to cassette system
7. Cleaning and drying system
8. Automatically save and view process history
9. Data storage system (Excel file save)
10. Bar code reader & additional functions (optional)
11. MECS or SECS/GEM system (optional)



| Engis Automated Grinders | | EAG-88DANX (8") | EAG-28DANX (12") |
|----------------------------|------------------------------|--------------------------|--------------------------|
| Spindle Features | Wheel Spindle | 6 kW / 6,000 rpm | 9.5 kW / 4,000 rpm |
| | Wheel Size | Ø 203 mm | Ø 303 mm |
| | Minimum Feed Rate | 0.1 um/sec + | 0.1 um/sec + |
| | Resolution | 0.0001 mm | 0.0001 mm |
| Worktable Features | Worktable Spindle | 0.75 kW / 400 rpm | 1.5 kW / 260 rpm |
| | Worktable Size | Ø 200 mm | Ø 200 mm |
| Automatic Measuring System | Type | Non-Contact (In-process) | Non-Contact (In-process) |
| | Probes Per Spindle | 1 | 1 |
| | Linearity | +/- 0.5 um | +/- 0.5 um |
| | Resolution | 0.1 um | 0.1 um |
| | Maximum Height ¹⁾ | 4 mm | 4 mm |
| Dimensions | Machine Size | 2,920 x 1,985 x 2,310 mm | 2,920 x 1,985 x 2,370 mm |
| | Machine Weight | 5,900 kg | 6,100 kg |

1) Optional: Up to 75mm with Search Function



Lapping & Polishing



Superabrasive Tools



Bore Honing Systems



Engis® offers state-of-the-art technology in the design of flat lapping systems that meet the most demanding requirements.

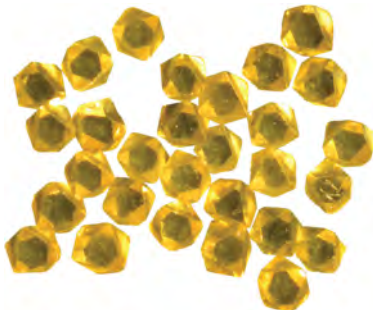


We offer a complete range of superabrasive electroplated products for precision applications.



Multi-Stroke Honing, Single-Pass Bore Finishing & Single-Pass Dual Bore Finishing Systems, Complete Machine Design, Tools & Process Development

Superabrasive Powders



We manufacture high-quality micron diamond & CBN with properties that ensure consistent performance in each application

Mold & Die Polishing



Engis® long trusted brands include Five-Star® diamond compound.

Engis Global Presence



US Engis Corporation



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