

EAG-2030 & EAG-3030

ENGIS AUTOMATED GRINDERS - SINGLE HEAD, SEMI AUTO

The semi-automated vertical wafer grinding system is 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. Strong Structure using Casting Frame
2. High Precision, High Rigidity Linear System
3. PC Based machine for Customer's ease of use
4. Automatic Thickness measuring System
5. Automatic Dressing System (Option)
6. Automatically Save and View Process history and All Data
7. Data Sorting (Save All Data in Excel File)
8. Bar code Reader & Addition function (Option)
9. MES or SECS/GEM system (Option)

	EAG-2030 (8")	EAG-3030 (12")
Dual Wheel Spindle	6kW / 6000rpm	9.5kW / 4000rpm
Single Work Spindle	0.75kW / 400rpm	1.5kW / 260rpm
Work Table Size	Diameter 200mm	Diameter 300mm
Wheel Size	203mm	303mm
Feed Rate	0.0001mm-30,000mm/sec	0.0001mm-30,000mm/sec
Resolution	0.0001mm	0.0001mm
Grinding TTV (SiC Wafer)	0.002mm	0.003mm
Between Wafers (SiC Wafer)	+/-0.002mm	+/-0.002mm
Automatic Measuring System	2 Probe/0.1um/5mm	2 Probe/0.1um/5mm
Automatic Dressing System	Optional Item	Optional Item
MES or SECS/GEM	User Spec. (Optional Item)	User Spec. (Optional Item)
Machine Size	1500 x 900 x 2200	1500 x 1000 x 2300
Machine Weight	2,000 Kg	2,100 Kg



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.

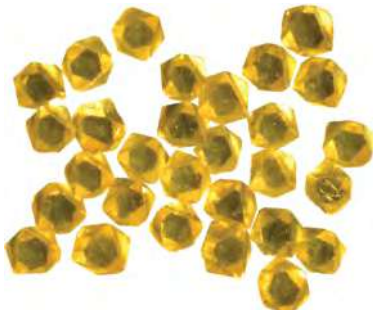


We offer a complete range of superabrasive electroplated products for precision applications.



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



Engis of Canada, Ltd.



Engis (Hong Kong) Ltd.

Engis Japan Co., Ltd.



Engis Korea Co., Ltd.



Engis Lapping & Grinding Technology Co., Ltd.



Engis Asia Pacific Pte. Ltd.



Engis UK Ltd. EUROPEAN OPERATIONS



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