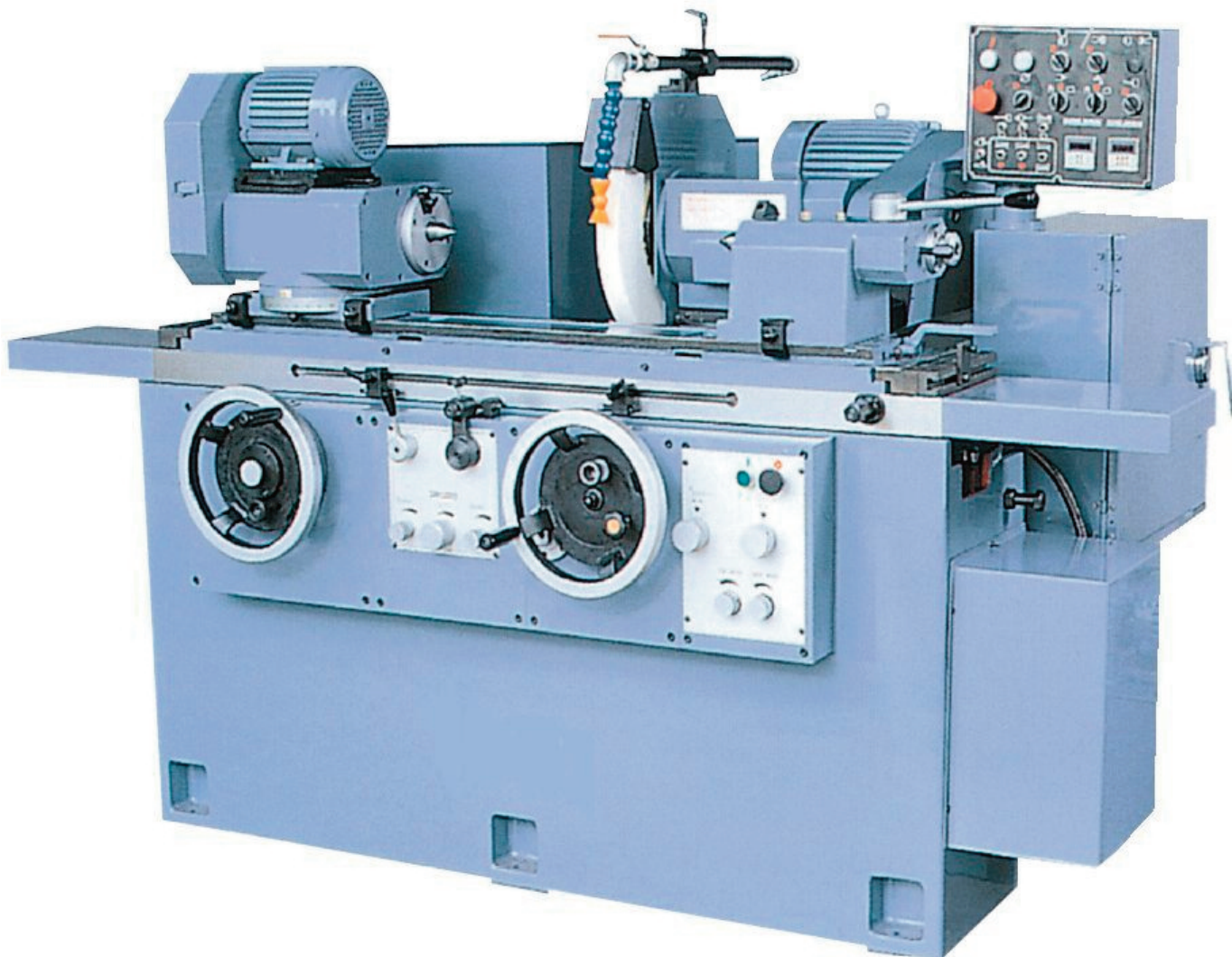




# CYLINDRICAL GRINDERS

**AJG 27/30/35/38**

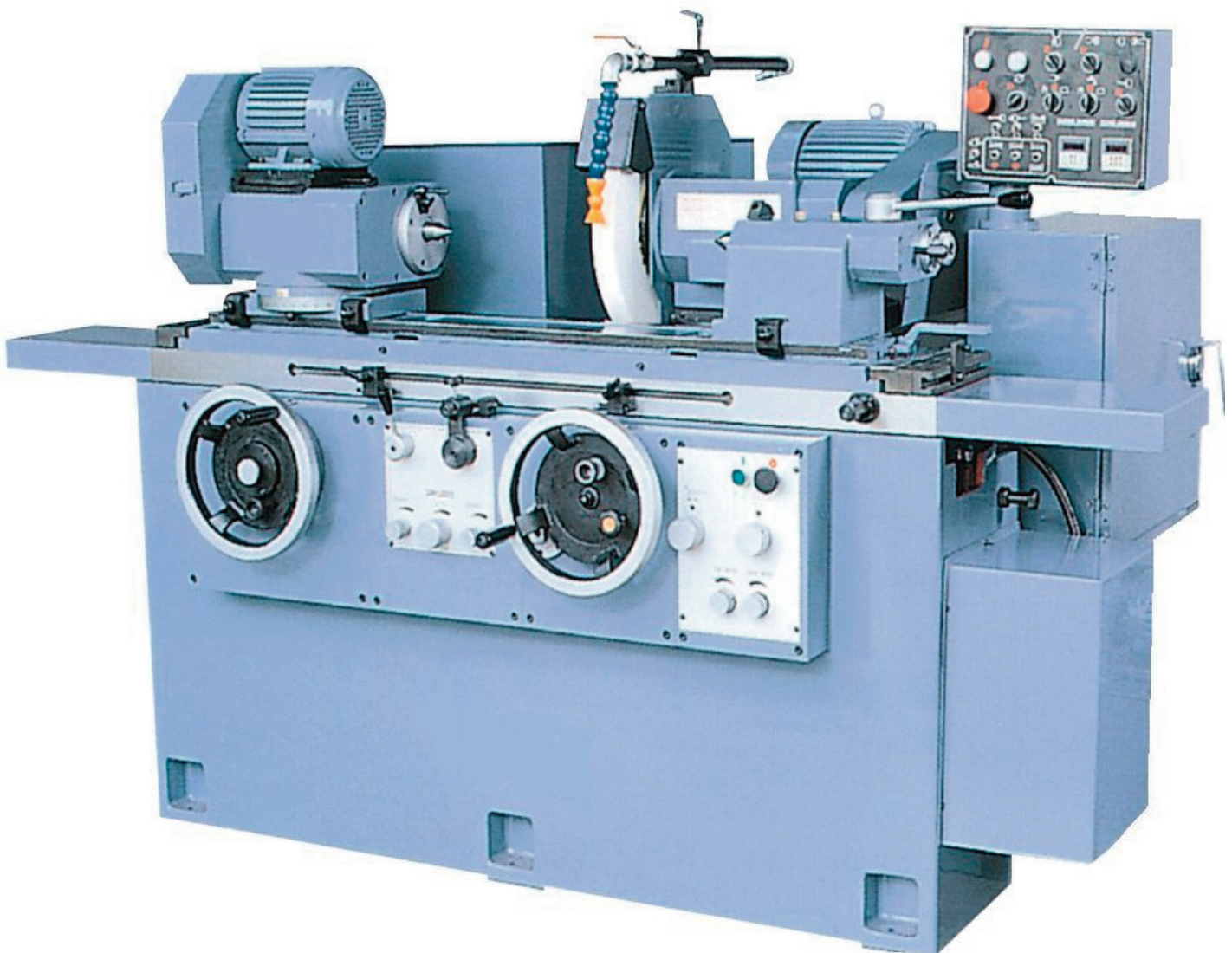


Machine Tool Exporters to the World since 1940

# CYLINDRICAL GRINDERS

**AJG 27/30/35/38**

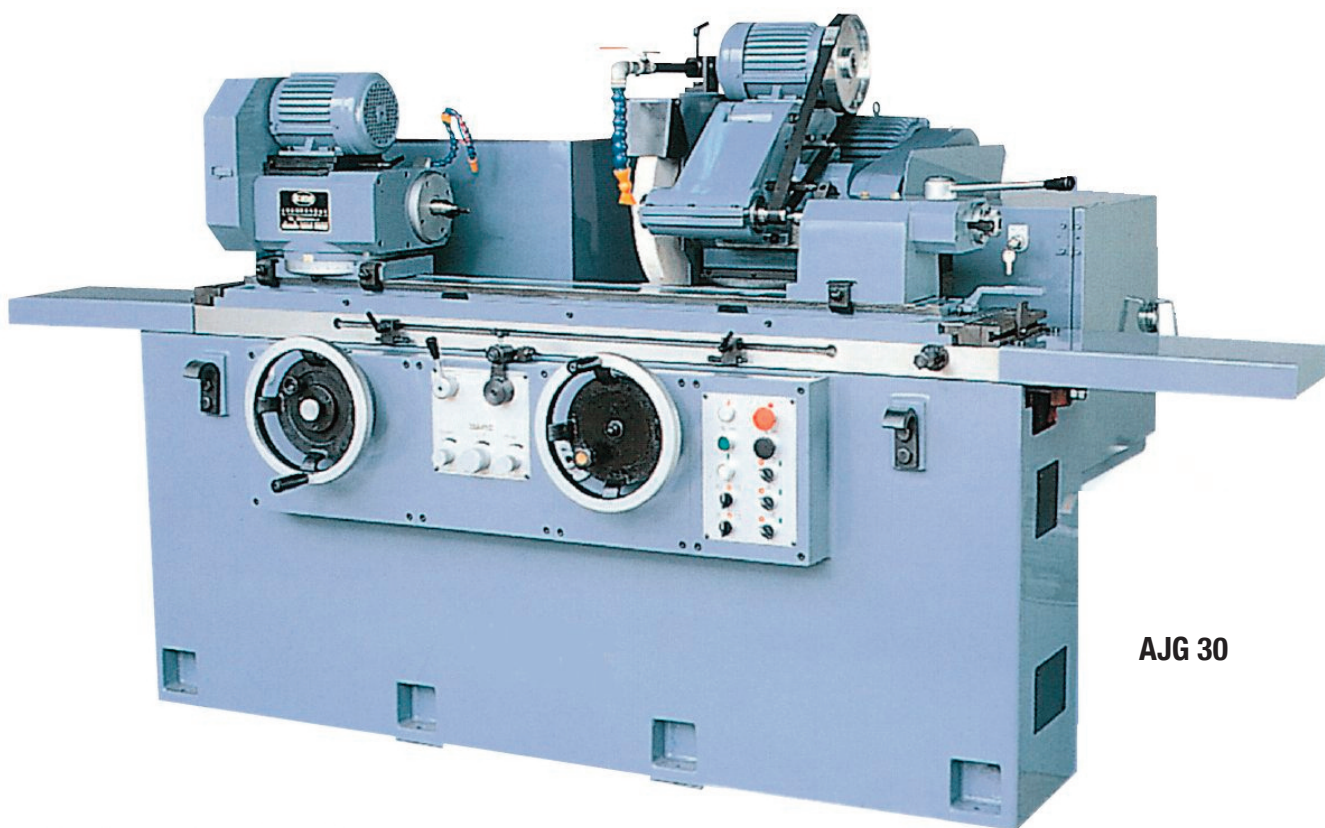
The Ajax range of cylindrical grinding machines are well accepted by education and industrial establishments worldwide as quality machines. The cylindrical grinding machines are manufactured in modern factories, well equipped with the finest machine tools available to ensure the highest standard of quality is maintained in production, giving continued reliability in service and accuracy of machining.



**AJG 27**

<b>Model</b>	<b>AJG 27</b>	<b>AJG 30</b>	<b>AJG 35</b>	<b>AJG 38</b>
Distance Between Centres (mm)	350/550/750	1,000	550/750	1,000
Maximum Swing Over Table (mm)	270	300	350	380
Maximum Grinding Diameter (mm)	250	280	330	360
Maximum Loading Between Centres (kg)	60	150	60	150
<b>Wheelhead</b>				
Swiveling Angle (deg)	+/- 15	+/- 15	+/- 15	+/- 15
Infeed Travel (mm)	250	250	250	250
Hand Feed Travel (mm)	250	250	250	250
Automatic Rapid Travel (mm)	25	25	40	40
Automatic Infeed Increment (mm)	0.001 - 1.8	0.001 - 1.8	0.001 - 1.8	0.001 - 1.8
Handwheel Movement per Division (mm)	0.005	0.005	0.005	0.005
Handwheel Movement per Revoution (mm)	2	2	2	5
<b>Grinding Wheel</b>				
Diameter (mm)	405	405	405	405
Width (mm)	32-50	32-50	38-75	38-75
Bore (mm)	152	152	152	152
Wheel Speed (rpm)	1,650/1,850/2,100	1,650/1,850	1,650/1,850/2,100	1,650/1,850
<b>Table</b>				
Swiveling Angle (deg)	6/9	6/9	4/9	4/9
Traverse Speed (mm/min)	50-4,000	50-3,000	50-4,000	50-3,000
	Variable	Variable	Variable	Variable
Handwheel Movement per Revoution (mm)	12.5	12.5	12.5	12.5

## TECHNICAL SPECIFICATIONS



**AJG 30**



### STANDARD ACCESSORIES

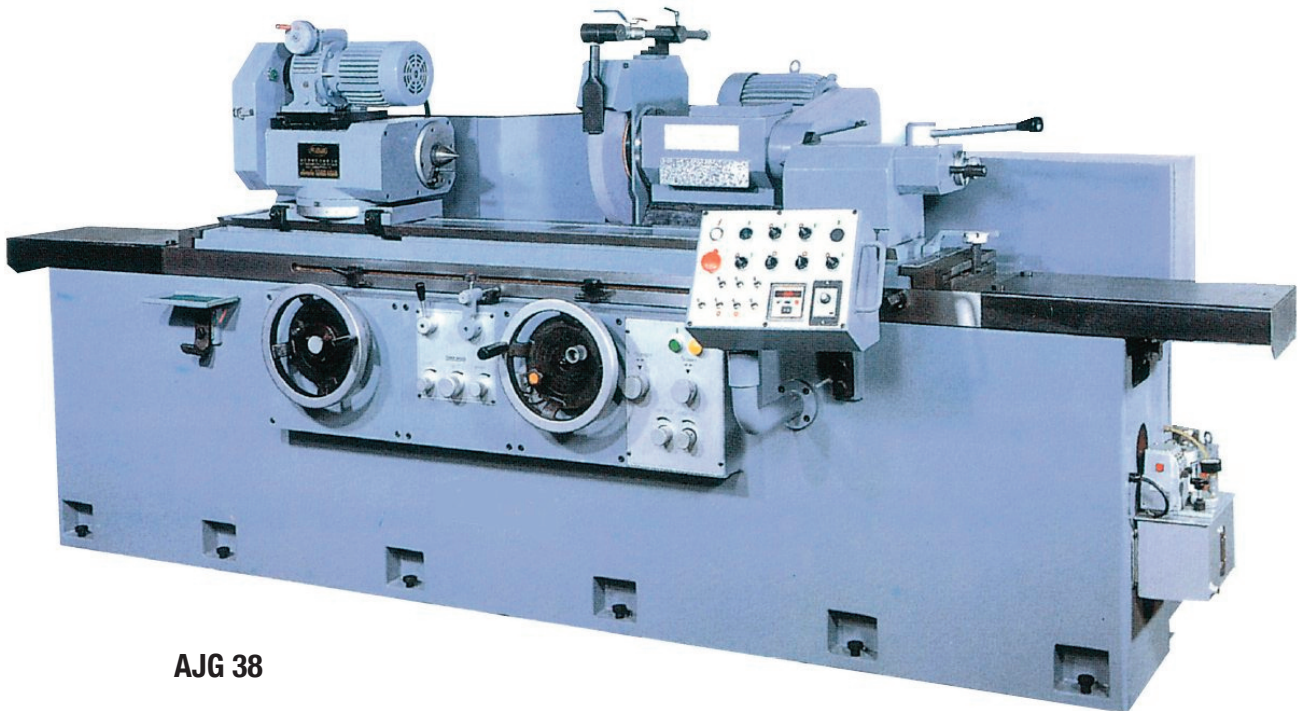
Extractor  
Wheel balancing arbor  
Tungsten carbide full centre  
Lubricant supply unit  
Dressing holder  
Table swing measuring device  
Tool box  
Grinding wheel and wheel flange  
Standard coolant supply unit  
Coolant splash guard

### SPINDLE-HYDRODYNAMIC BEARINGS

Use of hydrodynamic bearings in the wheel spindle insure precision grinding and greater accuracy in the grinding machines.

### DRIVING SYSTEM

The use of a high accuracy grinding class lead screw ensures high accuracy, high power, and long life in the drive system with greater precision and reliability for the wheelhead.



**AJG 38**

Ajax Machine Tools International Ltd  
Unit 360, Ampress Lane, Ampress Park,  
Lymington, Hampshire, UK SO41 8JX

Telephone: +44 (0)1590 676000 Fax: +44 (0)1590 676001  
sales@ajax-mach.co.uk [www.ajax-mach.co.uk](http://www.ajax-mach.co.uk)

