

**Specification**

Model		EDG 700 NC	EDG 1000 NC
Grinding wheel size (CBN thickness 5mm)	in	28"x12"x2"	39"x15"x2"
Max. workpiece diameter	in	7"	13"
Upper plate motor power	kw(HP)	5.5(7.3)	7.5(10)
Upper grinding wheel rotation speed	rpm	5~60	5~50
Lower plate motor power	kw(HP)	5.5(7.3)	7.5(10)
lower grinding wheel Rotation speed	rpm	5~60	5~50
Inner ring motor power	kw(HP)	2(2.7)	3(4)
Inner ring rotation speed	rpm	5~40	5~40
Inlet pressure	pis	87	87
Machine dimensions (LxWxH)	in	164"x75"x89"	120"x90"x102"
Machine weight	lbs.	6614	11023
Typical workpiece		compressor valve	compressor valve
Parallelism	in	0.00004	0.00004
Flatness	in	0.00004	0.00004
Equal altitudes	in	0.00008	0.00008
Surface roughness	in	Ra 8	Ra 8



**EDG-700 NC**



**EDG-1000 NC**

**Double-Sided Fine Grinders**  
**EDG Series**



**Grinder Professional**

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# Double Sided Fine Grinder EDG Series

## Upper and lower plate driven

Adjustable steer and speed  
(with the specified range)

## Inner ring driven

Adjustable steer and speed  
(with the specified range)

## Pneumatic component

All pneumatic cylinders and control valves use Japanese brand SMC.



## 3 color indicator light

## Swinging arm

Made of high intensity metal  
Equipped with protection guard  
Upper plate rolls out easily

## Precision size controller

Accuracy indication : 0.00004"  
Advanced dimension measurement with Magnescale controller  
Immediately reflect the signal to PLC control  
and simultaneously indicate the size

## Air filtration system

Adopt SMC control valves to separate the oil mist from compressed air to ensure the compressed air is dry.

## Programmable control system

Touch screen display  
Control panel: with fast key and direction joystick for easy to operate

## High intensity cast iron mechanism

Maintain fine static and dynamic mechanical

## Electrical cabinet

Vertical type enclosed electrical cabinet.  
The CNC system is equipped with signal filtration device and transformer.

# Double Sided Fine Grinder EDG Series

## Features

- Made of high intensity cast iron, high precision spindle structure and CBN grinding wheel
- Three individual adjustable driver with three stage pneumatic press control, semi-auto loading and unloading
- Online size measurement, PLC control
- Fault detection alarm

## Applications

Suitable for batch grinding of parts surface. Suitable for hydraulic and pneumatic components, hydraulic motor components, pneumatic steering parts, refrigeration press parts, oil pump nozzle parts, engine parts, high precision bearings, seals, piston rings, cutting tools, molds, instrument plates, carbide tools, ceramic valve cores, monocrystalline silicon wafers, magnetic materials, etc. for double-sided grinding.

