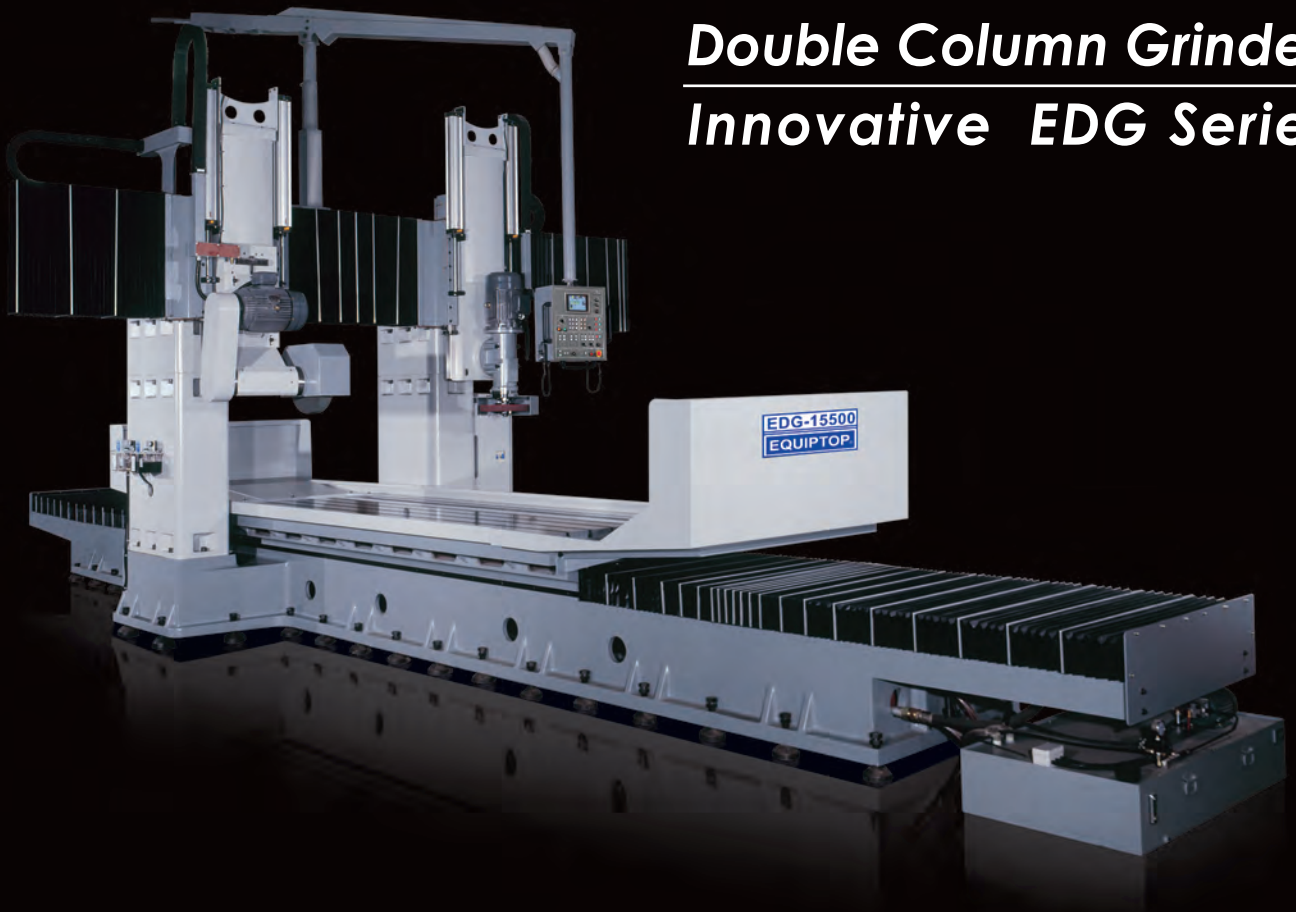
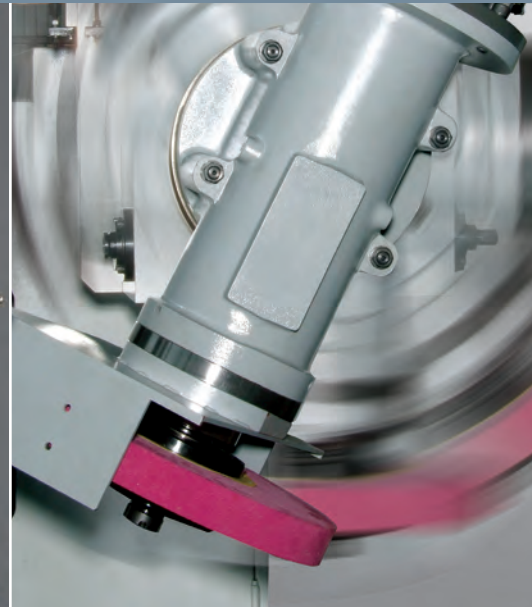




CHOOSE EQUIPTOP · CHOOSE WISELY

www.equiptop.com.tw

FAIR FRIEND ENT. GROUP



Double Column Grinder Innovative EDG Series



ISO-9001



Originality · Perfection · Technology · Value

EXCELLENT FEATURES PROVIDE VALUE

- 1988 Established " EQUIPTOP MACHINERY CO., LTD" Made a speciality of developing high precision surface grinders.
- 1990 Developed ESG-618 & 818 ASD series, 3 axis fully automatic surface grinders. Used PC-CAD to upgrade mechanical design and development.
- 1992 Developed ESG-1228 & 1236 ASD series, 3 axis fully automatic surface grinders.
- 1993 Developed ESG-1632 & 1640 ASD series, 3 axis fully automatic surface grinders.
- 1995 Developed ESG-1020 & 1224 ASD series, 3 axis fully automatic surface grinders. Obtained CE-Mark certificate from AMTRI CE in England.
- 1997 Developed ESG-2448 to 2480, 3 axis fully automatic, digital positioning ADX series, with a downfeed jog movement providing just 0.5 μm super microfeed for finer production finish.
Column type surface grinder, using high anti-wear, heavy duty preloaded, H class linear guideway.
- 1998 Awarded ISO 9002 Certification by DNV company of Netherlands.
- 1999 Invested in "NANJING EQUIPTOP PRECISION MACHINERY CO., LTD." as branch in China.
- 2000 Developed ESG-3260 to 32120, 3 axis fully automatic, smart digital positioning ADX series.
Reveived certified CE-MARK by DNV company.
- 2001 Awarded Certified ISO 9000 by Bell company.
Developed NC series, 3 axis fully automatic smart digital positioning grinders.
- 2002 Grand Opening of a new factory. The new facility is over 13,000m².
Invested 1.6 hundred million dollars in this new headquarters.
Successfully developed new complex grinders, moving EQUIPTOP into the high technology area.
Renamed the company as "EQUIPTOP HITECH CORP."
- 2003 Awarded publication 2000 ISO 9001 certification. Developed " ASD II " series, 3 axis, fully automatic digital positioning grinders. Developed " ACUMEM " super microfeed servo control and auto-wheel dressing & compensation system grinders.
- 2004 Established the branch in Wu Hsi-Shuai Hung Precision Machinery LTD. to expand China market.
Developed cantilever type ESG-6120~8300 ASD II series, 3 axis, fully automatic surface grinders.
- 2005 Obtained the prize of Taiwan Precision Product in manufacturing NC surface profile grinder.
- 2006 Developed ETM510APC tapping machine with auto pallet changer system & Double column grinding machine, table size 1500x3000~1500x5000 are available.
- 2008 Double column grinding machine, table size 1500x3000~1500x5000 are available.
- 2010 Upgrade ASD II series to TD type. PLC control & touch color screen.
- 2012 Double column type grinding machine, table size 1200x3000~1200x5000 are available. Developed ESG-2448 to 24120, 3 axis fully automatic TD type with touch color screen.
- 2013 Execute rotary & square constitute, hydrostatic spindle and guide rail program. Presented EMV-600APC auto pallet change, and 800 x2000~5000mm, 1000x2000~5000 mm double column grinders.



EQUIPTOP

Innovative quality, specially design, quality manufacture & speedy service reputation ensure you long term satisfaction.

EQUIPTOP Patents

National patents :

- Longitudinal straight movement mechanism of surface grinder.
- Timing belt straight drive system.
- Dual motors, positioning and feeding mechanism.
- Timing belt straight drive system for the table of surface grinder.
- Roughing and micro table speed control mechanism.
- Surface grinding table reverse construction.
- Belt drive mechanism for surface grinding table.
- Multiple formed grinder.
- Dust collector.
- Coolant and dust unit.
- NC & CNC multiple formed molds.
- Heats reduce system for motor fan construction.
- Synchronized machining works system.
- Dust collector turbine blade construction for surface grinder.
- The constructions improvement of dust & coolant system for surface grinder.

German patents :

- Safety handwheel system.





▲ Enlarged double "V" slideway



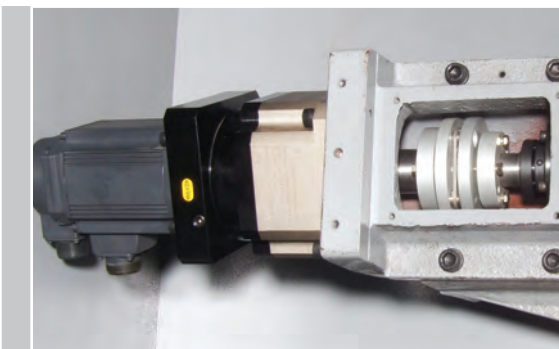
Delicacy Creation
Best decision of
Double Column Grinder



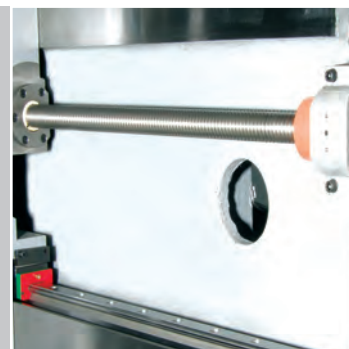
EDG-8200 / 8250 / 8300 / 8400 / 8500

EDG-10200 / 10250 / 10300 / 10400 / 10500

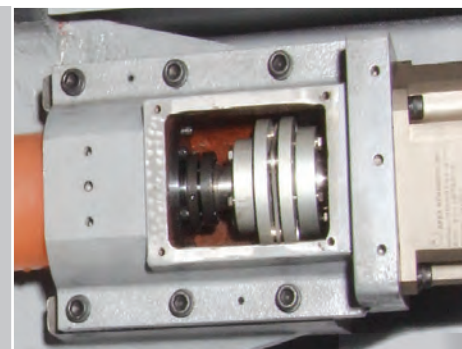
Double Column Grinder of EDG Series



▲ Servo motor with no backlash gear box



▲ Patented linear and box guideway structure (15300~15500)

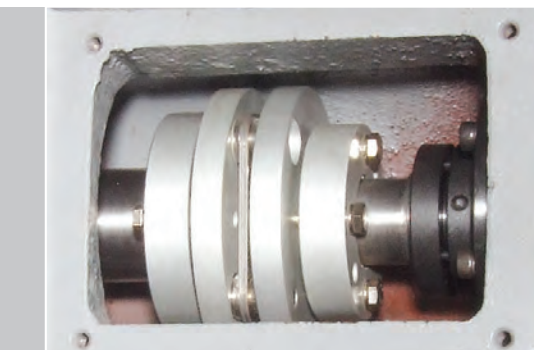


▲ Precision & stable crossfeed transmission system

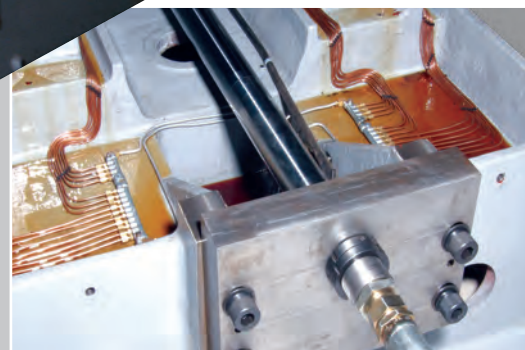
Innovative Double Column Grinder. Excellence of EQUIPTOP



▲ Servo motor with brake & Pneumatic counter weight balance mechanism for vertical axis (15300~15500)



▲ High rigidity coupling system



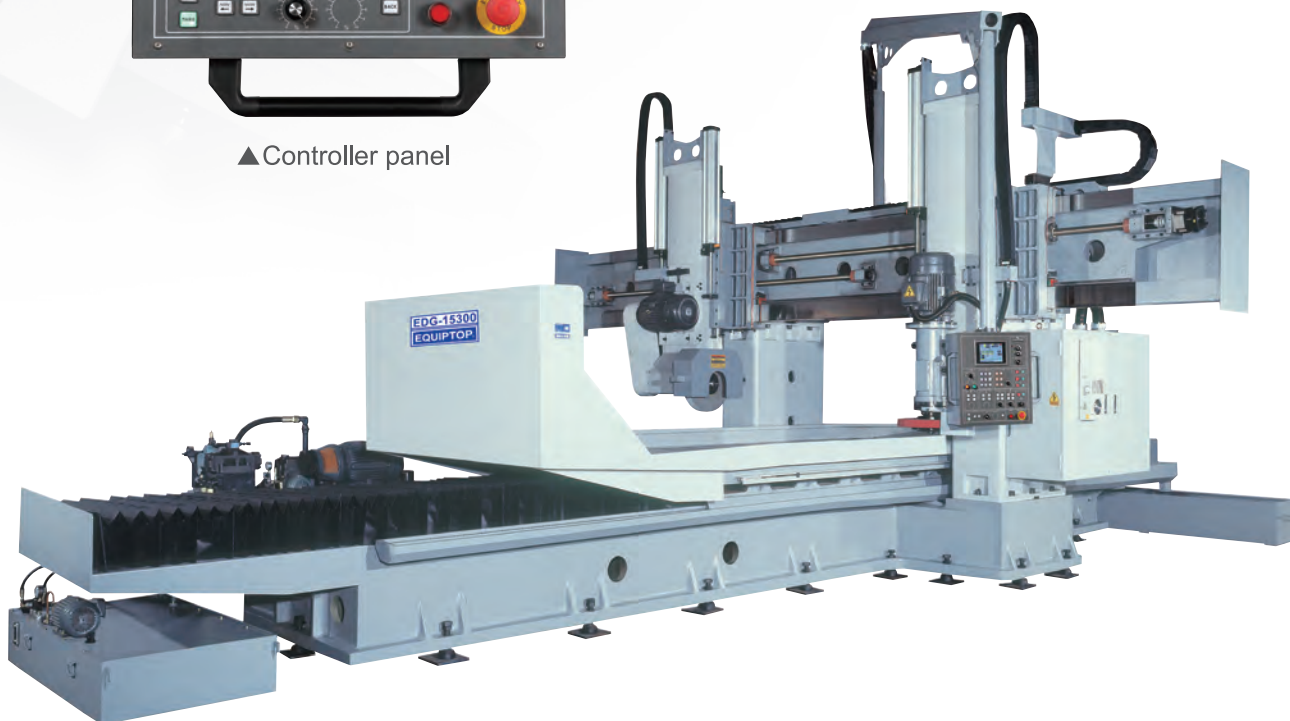
▲ Auto lubrication oil system



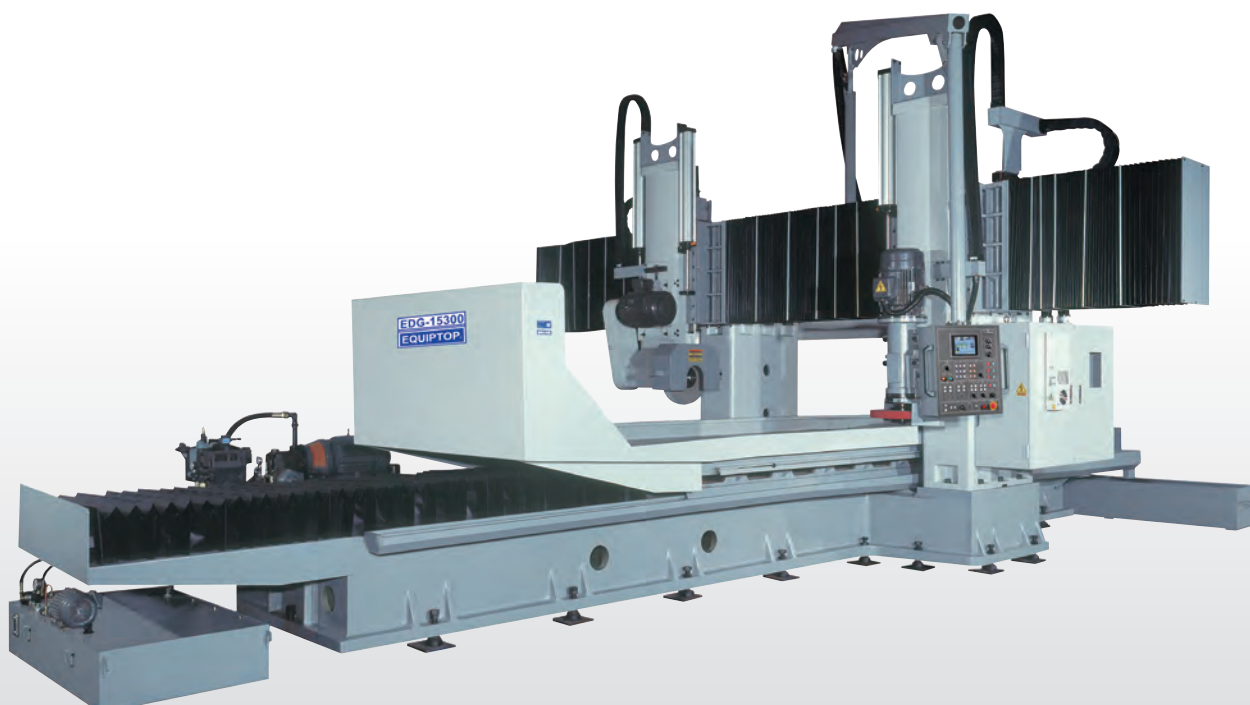
▲ Controller panel

Control Panel Discription:

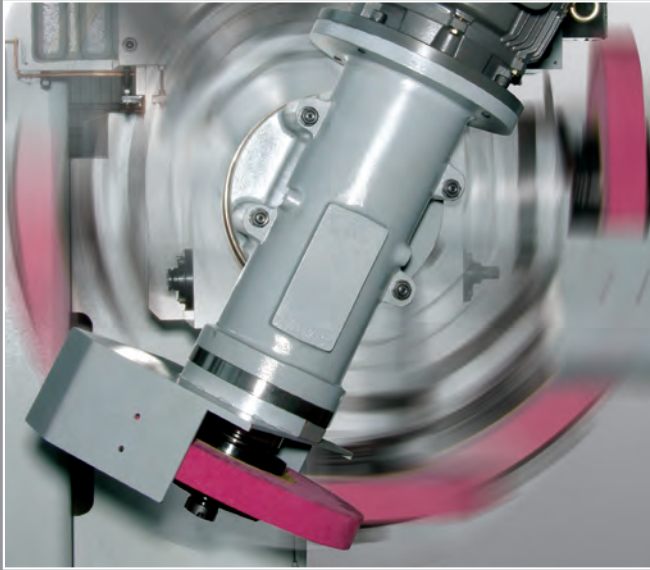
- 1.Horizontal spindle vertical movement mechanical coordinates
- 2.Working digital control setting
- 3.Working mode selector
- 4.Horizontal spindle crossfeed movement display and setting
- 5.Vertical spindle vertical movement display
- 6.Vertical spindle crossfeed movement display



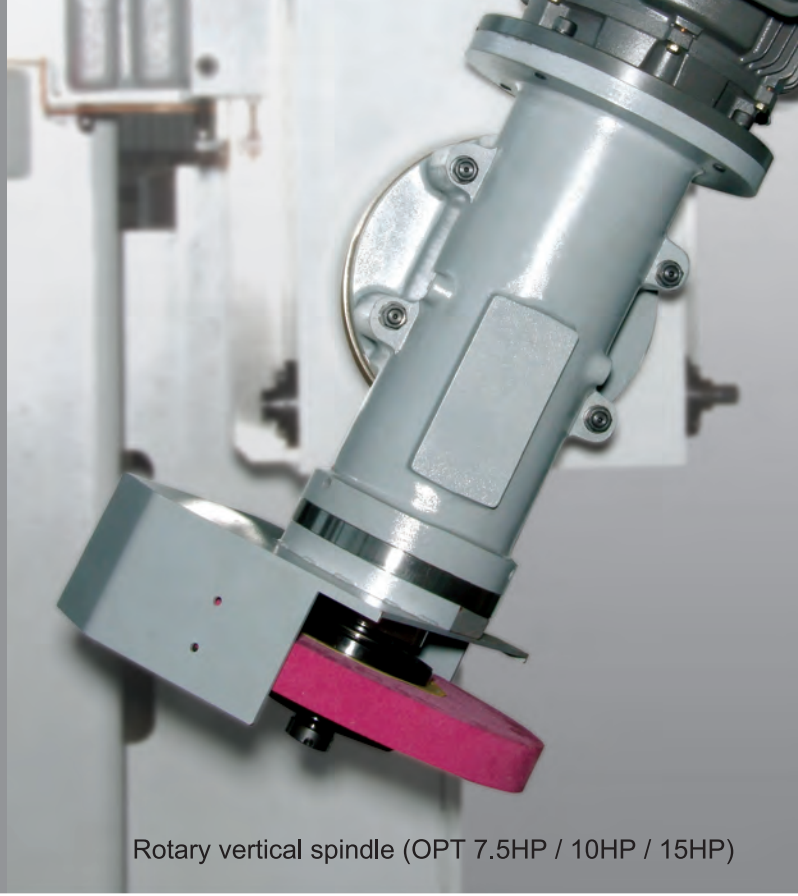
Double column grinder EDG-15300 / 15400 / 15500



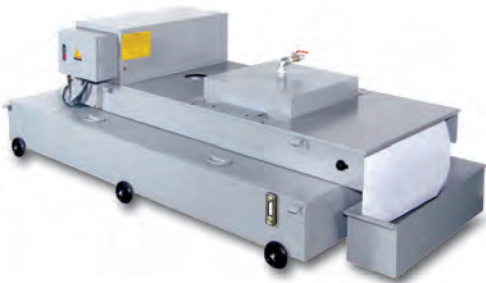
Optional accessories



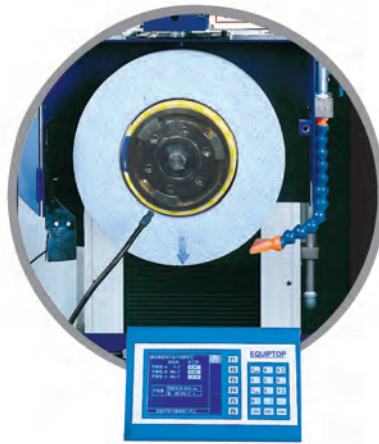
Rotary vertical spindle provides simple operation.
Adjustable angle upgrades convenience & efficiency.



Rotary vertical spindle (OPT 7.5HP / 10HP / 15HP)



Auto paper feeding device
& magnetic separator



Dynamic balancer



Wheel flange



Work lamp



Hydraulic oil cooling system



Frequency changer



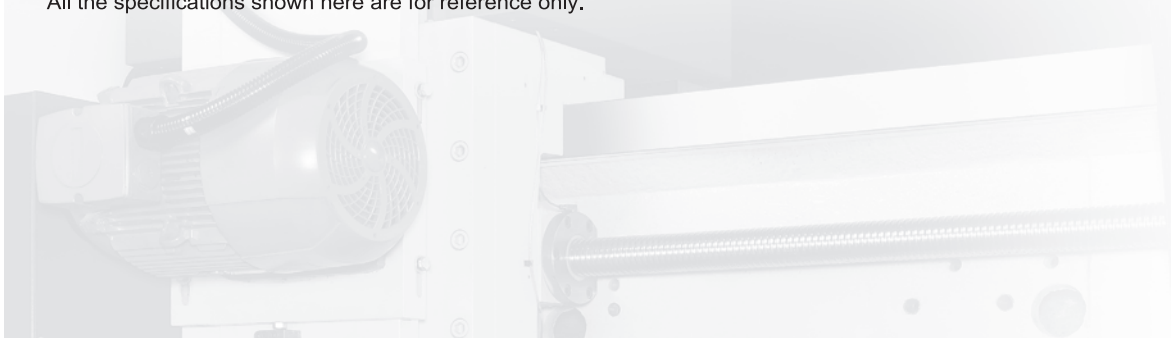
Balancing stand



Electro magnetic chuck
(Chuck control w/ Demagnetizer included)

Double Column Grinder of EDG Series			SPECIFICATION		
Technical spec		Unit	EDG-15300	EDG-15400	EDG-15500
Capacity	Max travel (W x L)	mm	2050 x 3200	2050 x 4200	2050 x 5200
	Distance between table surface to grinding wheel(vertical head)	mm	720		
	Distance between table surface to spindle center(horizontal head)	mm	1050		
	Working table surface	mm	1500 x 3000	1500 x 4000	1500 x 5000
	Max. Table load capacity	kg	5000	6000	7000
Cross transverse travel	Table speed	M/min	5 ~ 25		
Longitudinal movement of table	Distance between two columns	mm	0 ~ 2050		
	Automatic crossfeed increment (Approx)	mm/min	0 ~ 50		
	Max. Crossfeed speed (Approx)	mm/min	2000		
wheelhead vertical infeed	Max. Vertical speed (Approx)	mm	300		
	MPG per graduation	MPG	0.001 x 1 / 0.01		
Grinding	Grinding wheel size (D x W x B)	mm	Horizontal 510 x 75 x 203 ; Vertical 355 x 50 x 127		
	Spindle speed	rpm	horizontal 1150 ; Vertical 1750		
Motor	Spindle motor	HP	Horizontal 20HP/6P ; 25HP(OPT) / Vertical 5HP/4P ; 7.5~15HP(OPT)		
	Vertical servo motor	kw	1.0		
	Crossfeed servo motor	kw	1.5		
	Hydraulic motor	HP	15HP / 20HP(OPT)		
Weight & Dimension	Machine weight	kg	36000	40000	45000
	Floor space	mm	14500 x 8000 x 6780	16500 x 8000 x 6780	18500 x 8000 x 6780
	Packing dimension	mm	10910 x 3880 x 2550	11520 x 3880 x 2550	11600 x 3900 x 2600

The manufacturer reserves the right to modify the design, specifications or mechanisms, to improve the performances, without prior notice. All the specifications shown here are for reference only.

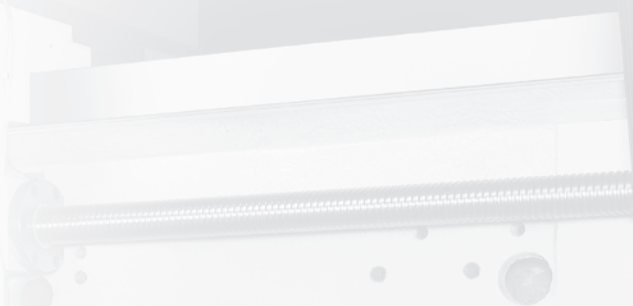


Double Column Grinder of EDG Series

SPECIFICATION

Technical spec		Unit	EDG-8200	EDG-8250	EDG-8300	EDG-8400	EDG-8500
Capacity	Max travel (W x L)	mm	1200x2300	1200x2800	1200x3300	1200x4300	1200x5300
	Distance between table surface to grinding wheel(vertical head)	mm	650				
	Distance between table surface to spindle center(horizontal head)	mm	700				
	Working table surface	mm	800x2000	800x2500	800x3000	800x4000	800x5000
	Max. Table load capacity	kg	4000	4500	5000	7500	8500
Cross transverse travel	Table speed	M/min	5 ~ 25				
Longitudinal movement of table	Distance between two columns	mm	0 ~ 1200				
	Automatic crossfeed increment (Approx)	mm	0 ~ 35				
	Max. Crossfeed speed (Approx)	mm/min	3000				
wheelhead vertical infeed	Max. Vertical speed (Approx)	mm/min	300				
	MPG per graduation	MPG	0.001 / 0.01 / 0.1				
Grinding	Grinding wheel size (D x W x B)	mm	Horizontal 510 x 75 x 127/203 ; Vertical 406 x 50 x 127				
	Spindle speed	rpm	Horizontal 1150 ; Vertical 1750				
Motor	Spindle motor	HP	Horizontal 15HP / 20P(OPT) ; Vertical 10HP(OPT)				
	Vertical servo motor	kw	2 (servo motor · reducer 1:20)				
	Crossfeed servo motor	kw	3 (servo motor)				
	Hydraulic motor	HP	10HP / 15HP(OPT)				
Weight & Dimension	Machine weight	kg	15500	17500	20000	24000	28500
	Floor space	mm					
	Packing dimension	mm					

The manufacturer reserves the right to modify the design, specifications or mechanisms, to improve the performances, without prior notice. All the specifications shown here are for reference only.



Double Column Grinder of EDG Series

SPECIFICATION

Technical spec		Unit	EDG-10200	EDG-10250	EDG-10300	EDG-10400	EDG-10500	
Capacity	Max travel (W x L)	mm	1400x2300	1400x2800	1400x3300	1400x4300	1400x5300	
	Distance between table surface to grinding wheel(vertical head)	mm	650					
	Distance between table surface to spindle center(horizontal head)	mm	700					
	Working table surface	mm	1000x2000	1000x2500	1000x3000	1000x4000	1000x5000	
	Max. Table load capacity	kg	4000	4500	5000	7500	8500	
Cross transverse travel	Table speed	M/min	5 ~ 25					
Longitudinal movement of table	Distance between two columns	mm	0 ~ 1400					
	Automatic crossfeed increment (Approx)	mm	0 ~ 35					
	Max. Crossfeed speed (Approx)	mm/min	3000					
wheelhead vertical infeed	Max. Vertical speed (Approx)	mm/min	300					
	MPG per graduation	MPG	0.001 / 0.01 / 0.1					
Grinding	Grinding wheel size (D x W x B)	mm	Horizontal 510 x 75 x 127/203 ; Vertical 406 x 50 x 127					
	Spindle speed	rpm	Horizontal 1150 ; Vertical 1750					
Motor	Spindle motor	HP	Horizontal 15HP / 20P(OPT) ; Vertical 10HP(OPT)					
	Vertical servo motor	kw	2 (servo motor · reducer 1:20)					
	Crossfeed servo motor	kw	3 (servo motor)					
	Hydraulic motor	HP	10HP / 15HP(OPT)					
Weight & Dimension	Machine weight	kg	16000	18000	21000	25500	31000	
	Floor space	mm						
	Packing dimension	mm						

The manufacturer reserves the right to modify the design, specifications or mechanisms, to improve the performances, without prior notice. All the specifications shown here are for reference only.

EQUIPTOP HITECH CORP.

NO.500, SAN FENG RD., HOULI DISTRICT, TAICHUNG CITY, TAIWAN, R.O.C.

■ TEL : +886-4-25576060

■ FAX : +886-4-25569677.25575866

■ e-mail: equiptop@hibox.hinet.net

■ <http://www.equiptop.com.tw>