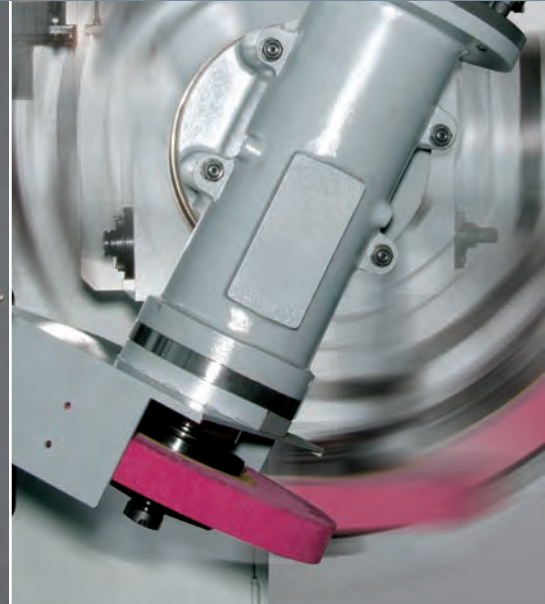
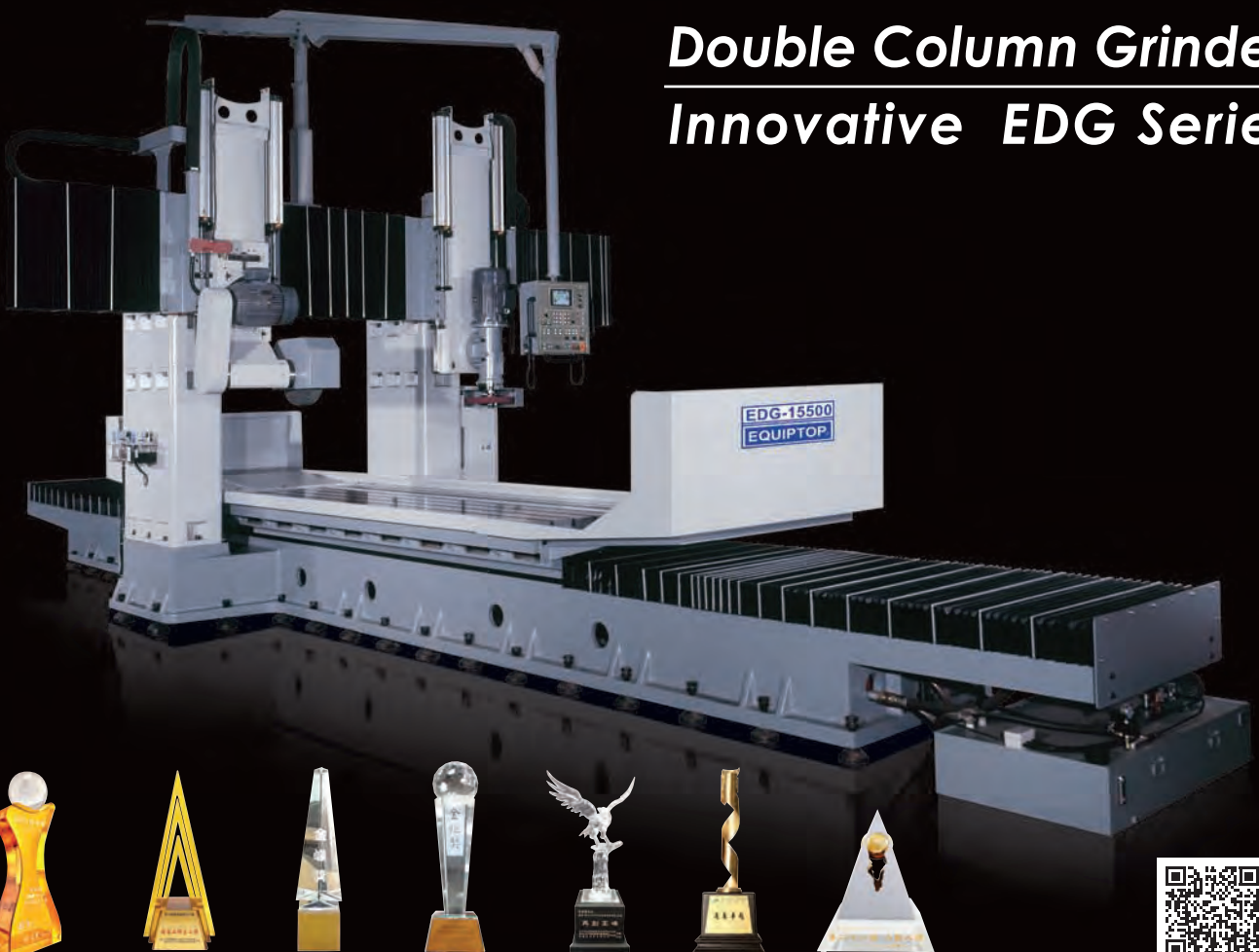


CHOOSE EQUIPTOP · CHOOSE WISELY



Double Column Grinder Innovative EDG Series



Taichung
SMEs
Golden hand
award



National brand
Yushan
Award



Excellent
business
pioneer
and innovative



Innovative
and
customer
satisfaction



Excellent
manager



National
excellent
managing
award



2018
The Rising Star
Award



www.equiptop.com.tw

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, 3axis fully automatic, digital positioning ADX series, with a downfeed jog movement providing just 0.5m 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, 3axis 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* " 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*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* 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, 3axis 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 800x2000~5000mm, 1000x2000~5000mm double column grinders.
- 2016 Developed and officially listed ECG-CNC Cylindrical Grinder series. Innovation patented invention:
 - 1. Innovation surface grinding machine controller: Patent No.:1546161
 - 2. Innovation equal feeding speed control: Patent No.:M454893
 - 3. Innovation rotary & square constitute design: Patent No.:1508818 & M454892
 - 4. Innovation multi-sound alarm light structure: Patent No.: M486838
- 2016 Create 1224-TD Plus Man-machine PLC controller.
Publish ECG-27 / ECG-36 CNC Cylindrical grinding machine with man-machine controller.
Develop ERG-600 ERG-800 ERG-1000 CNC/PLC controller application.
- 2017 Presented at TIMTOS, March 2017, 1224-TD Plus, EG-36 CNC and ERG-600CNC, with man- machine controller.
The operation and application showed In an Industrial 4.0 demonstration line.
Wining with honor: D&B TOP 1000 SMEs Elite Award
The 14th National brand: Remarkable enterprise Yushan Award.
Taichung city the 16th excellent SMEs Golden hand award.
Republic of China prominent enterprise management association, the 18th golden peak award:
Top 10 excellent business pioneer model.
Republic of China prominent enterprise management association, the 18th golden peak award:
Top 10 remarkable innovative research and development
- 2018 Golden torch prize: TD, ADC get Research and Innovation Award.
Golden torch prize: TD, ADC have the honor to win best satisfaction from customer.



EQUIPTOP

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

EQUIPTOP Patents

Obtained national patents for grinder:

- Longitudinal straight movement construction of surface grinder.
- Timing belt straight drive system.
- Dual motors, positioning and feeding structure.

More national patents:

- Timing belt drive system for the table of surface grinders.
- Roughing and micro table speed control construction.
- New travel direction change for surface grinding.

Obtained US patents:

- Surface grinding table reverse construction.
- Belt drive construction for surface grinding table.

Obtain German patent:

- Safety handwheel system.

Honored with national patents:

- Multi-formed grinder.
- Dust collect / coolant and dust unit.
- NC & CNC multiple formed molds.
- One wire of table multiple transmission.
- Motor fan cooling structure.
- Simultaneous processer.
- Vacuum wind turbine structure for dust coolant.
- Improvement to dust coolant structure.
- Rotary square structure.
- Equal speed.
- New type double column complex spindle head.
- Milling grinding complex spindle head.





▲Enlarged double "V" slideway

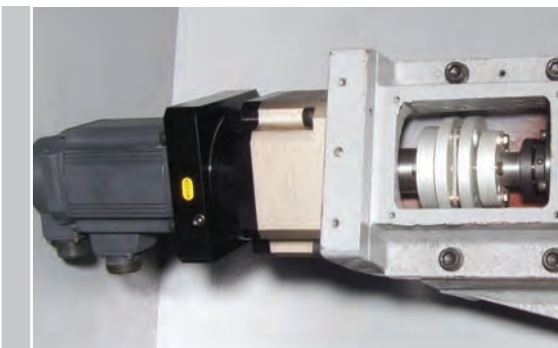
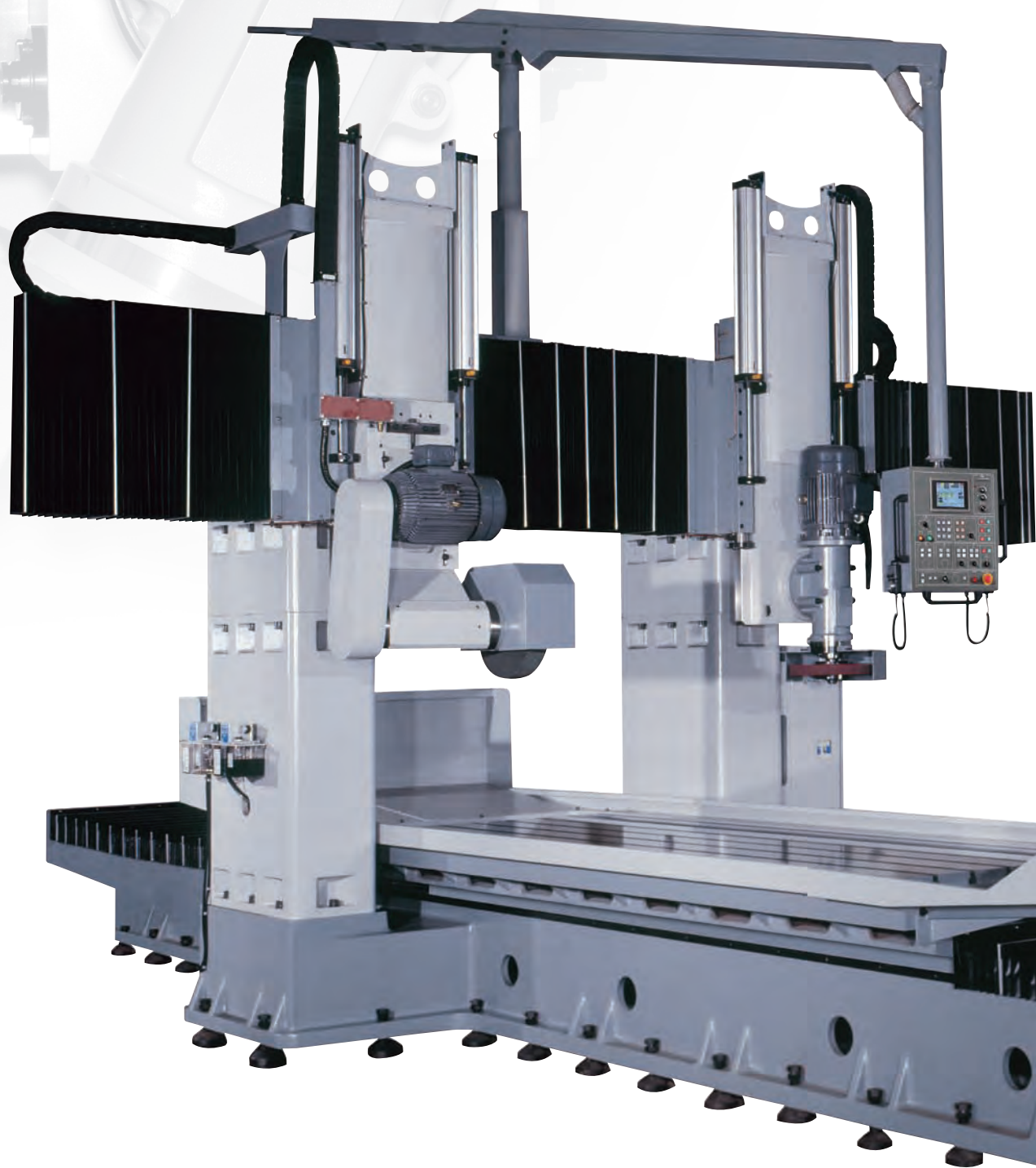


Delicacy Creation
Best decision of
Double Column Grinder



EDG-8200 / 8250 / 8300 / 8400 / 8500
EDG-10200 / 10250 / 10300 / 10400 / 10500
EDG-12200 / 12300 / 12400 / 12500

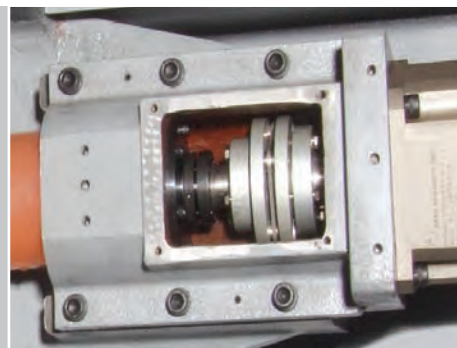
Double Column Grinder of EDG Series



▲ Servo motor with no backlash gear box



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

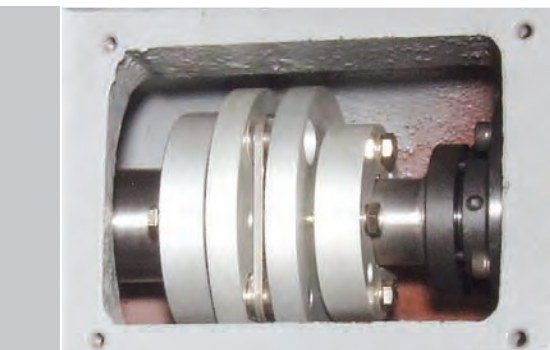


▲ Precision & stable crossfeed transmission system

Innovative Double Column Grinder. Excellence of EQUIPTOP

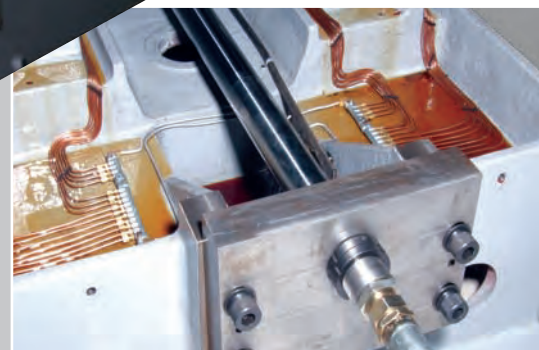


▲ Servo motor with brake & Pneumatic counter weight balance mechanism for vertical axis (15300~15500)



▲ High rigidity coupling system

*Excellent
Features*



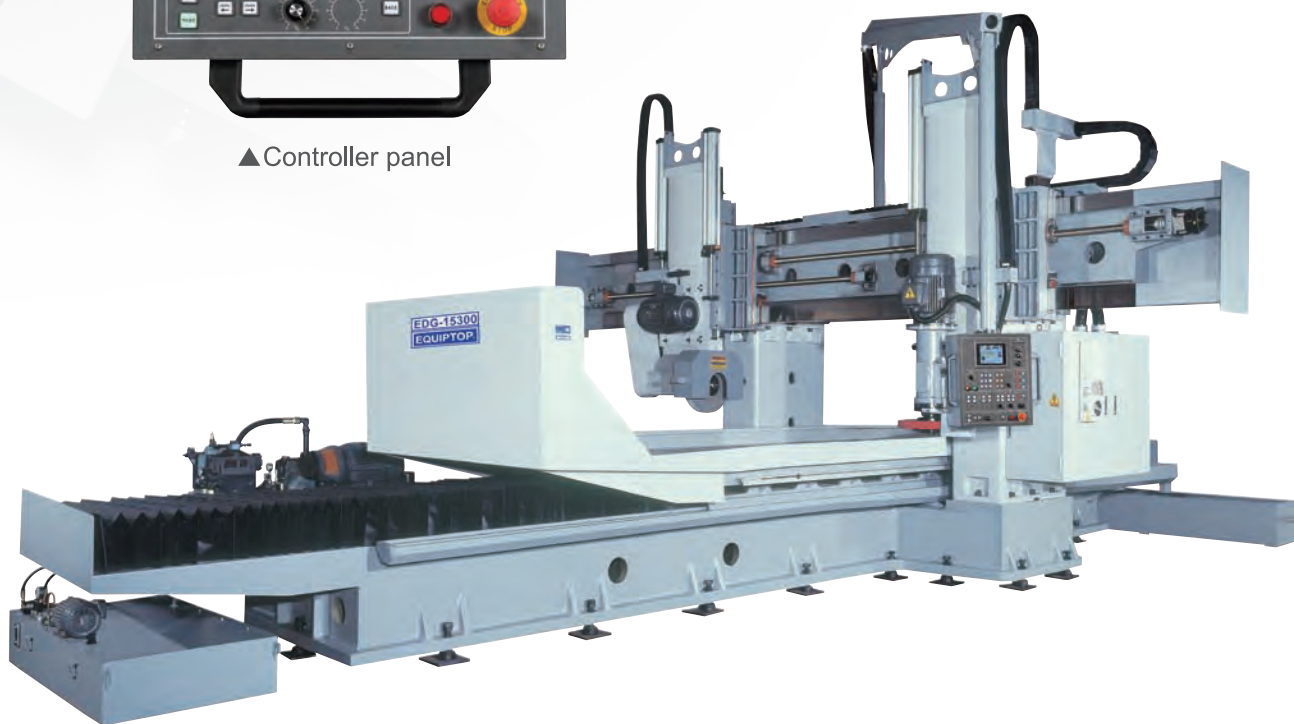
▲ Auto lubrication oil system



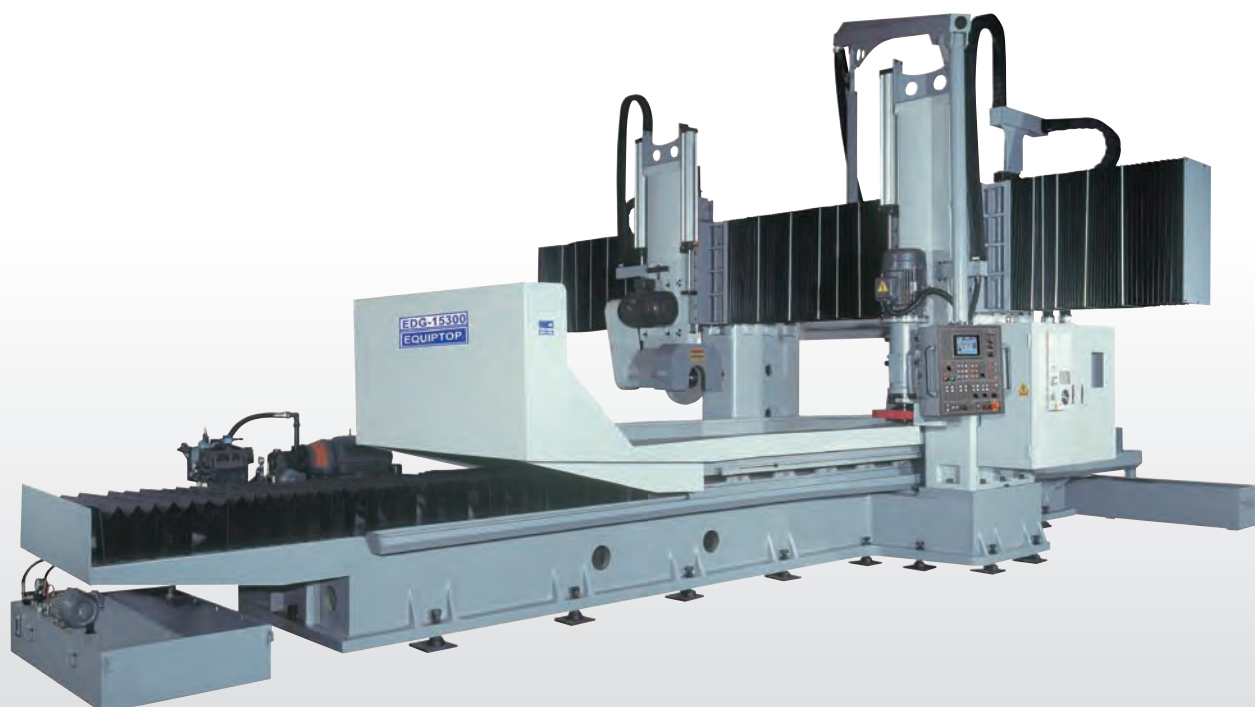
▲ Controller panel

Control Panel Discription:

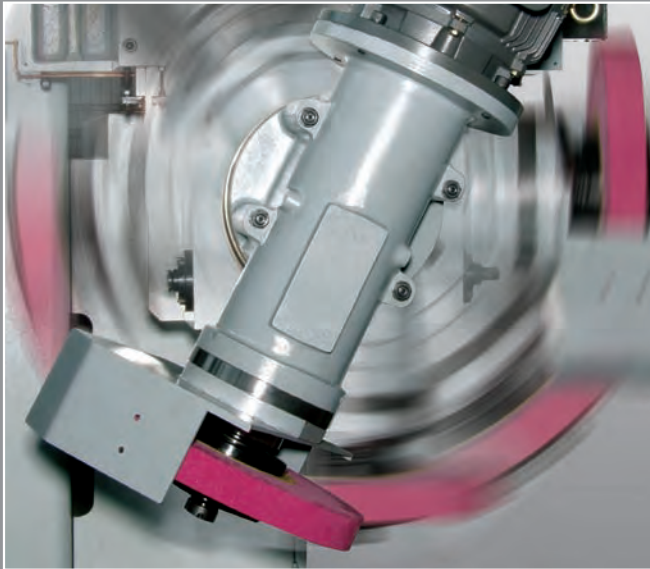
- 1.Horizontal spindle vertical movement mechanical coordinates
- 2.Working digital control setting
- 3.Working mode selector
- 4.Horizontal spindle crossfeed movement display and setting
- 5.Vertical spindle vertical movement display
- 6.Vertical spindle crossfeed movement display



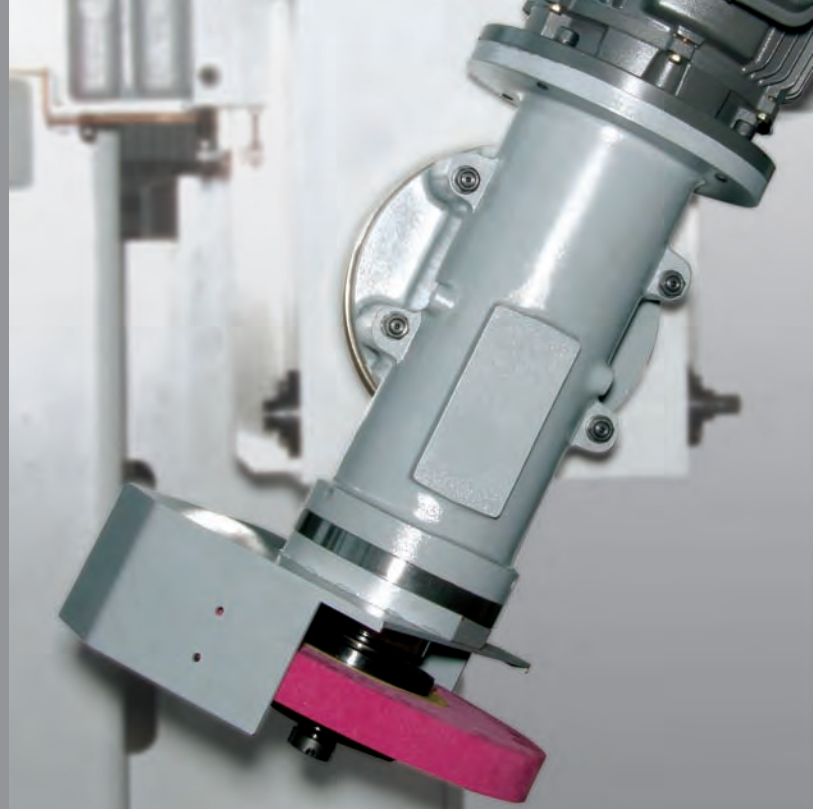
Double column grinder EDG-15300 / 15400 / 15500



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	6000	7000	8000
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 / 0.01 / 0.1		
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.

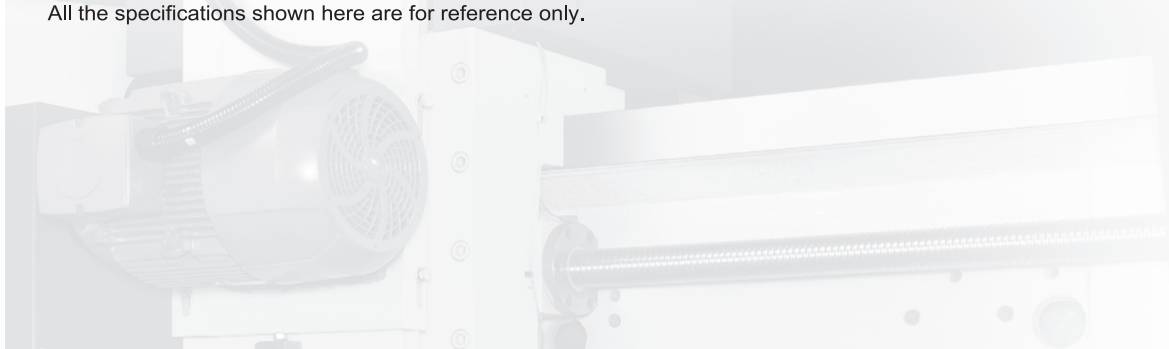
Double Column Grinder of EDG Series			SPECIFICATION			
Technical spec		Unit	EDG-12200	EDG-12300	EDG-12400	EDG-12500
Capacity	Max travel (W x L)	mm	1500x2300	1500x3300	1500x4300	1500x5300
	Distance between table surface to grinding wheel(vertical head)	mm	650			
	Distance between table surface to spindle center(horizontal head)	mm	700			
	Working table surface	mm	1200x2000	1200x3000	1200x4000	1200x5000
	Max. Table load capacity	kg	4500	5500	6500	7500
Cross transverse travel	Table speed	M/min	5 ~ 25			
Longitudinal movement of table	Distance between two columns	mm	0 ~ 1600			
	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 355 x 38 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	17000	22000	26000	32000
	Floor space	mm				
	Packing dimension	mm				

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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	1300x2300	1300x2800	1300x3300	1300x4300	1300x5300
	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	4200	4700	5200	6200	7200
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/min	0 ~ 35				
	Max. Crossfeed speed (Approx)	mm/min	3000				
wheelhead vertical infeed	Max. Vertical speed (Approx)	mm	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 355 x 38 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					

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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	1100x2300	1100x2800	1100x3300	1100x4300	1100x5300
	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	6000	7000
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 355 x 38 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					

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EQUIPTOP



"EQUIPTOP" means "TOP EQUIPMENT" A Wise Choice-Equiptop.



Taiwan SMEs
Innovation Award



ISO 9001: 2015



Machinery
Directive
Number 1674



IT'S VERY WELL
MADE IN TAIWAN

EQUIPTOP HITECH CORP.

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