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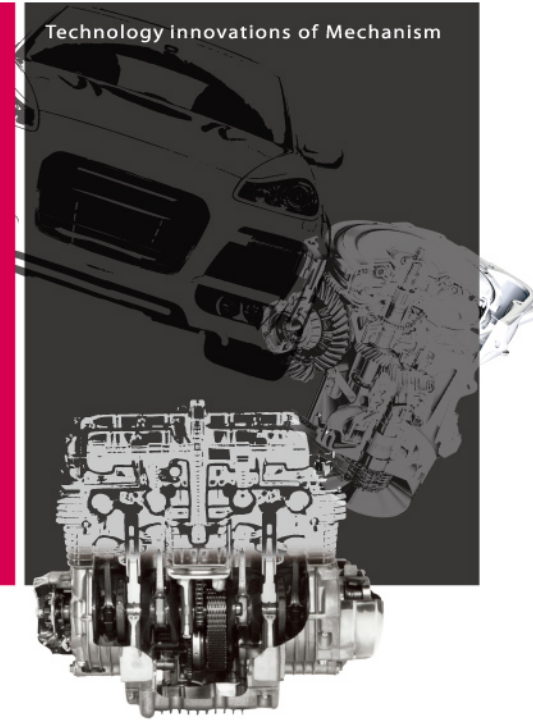


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UNIVERSAL
CYLINDRICAL GRINDER
OGS SERIES

Technology innovations of Mechanism



OGS SERIES



Distance between centers 400 mm.

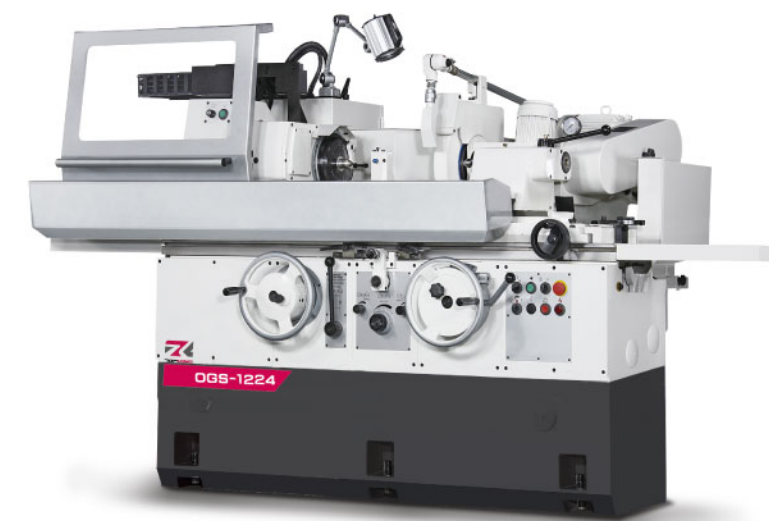
Swing over table 200 mm.

Max. grinding diameter \varnothing 160 mm.

Various spindle speed 16 - 450 rpm. Frequency inverter control type.

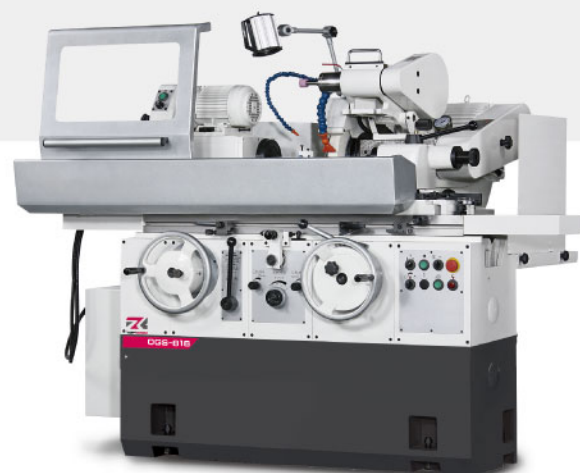
Semi - auto feed. Hydraulically operated traverse moving.

Wheel head provides rapid feed and manual feed for grinding.



OGS-1224

HIGH PRECISION | CYLINDRICAL GRINDER



OGS-816



Swing over table 320 mm

Max. grinding diameter \varnothing 280 mm

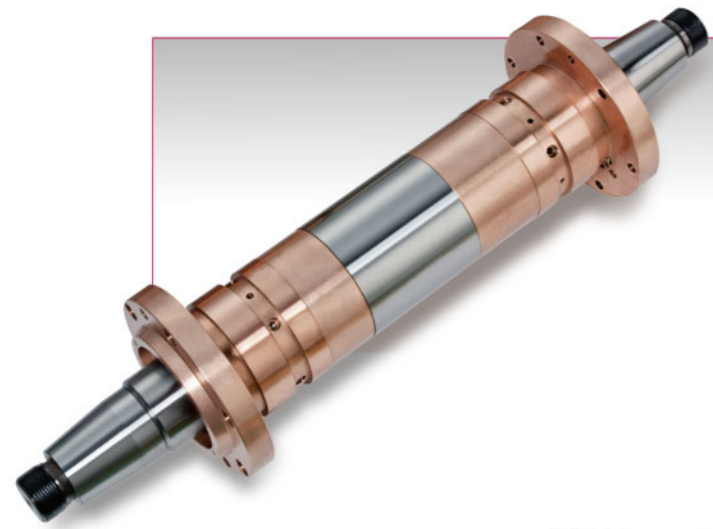
Distance between centers : 600 mm.

Variable spindle speed 16 - 450 rpm, driven by servomotor.

Semi - auto feed. Hydraulically operated traverse moving.

Wheel head provides rapid feed and manual feed for grinding.

Basic condition to make sure high accuracy grinder



■ Hydrostatic spindle

STANDARD ACCESSORIES



- Work lamp



- Carbide tipped work centers



- Hydraulic unit



- Grinding wheel w/flange



- Kits & tool box



- Coolant tank

ACCESSORIES

THE MACHINE DESIGN STRUCTURE



■ The machine's design structure is different from the light weight design philosophy in the past; it substantially consolidates the rigidity of body and parts structure, takes being more stable as the appeal, and adopts thick and solid sliding seat mechanism, slide way 1V 1flat structure, and lubrication system designed by the hydrostatic principle, providing the best precision and stability of moving when doing grinding.

OPTIONAL ACCESSORIES



1. Wheel balancing stand & arbor



4. 2-point steady rest



8. Angel Trimming device



5. Magnetic w/paper filter



9. Radius Trimming device



2. Cam locked driving dogs



6. Adjustable 3-Jaw scroll chuck



10. Adjustable 3-point steady rest



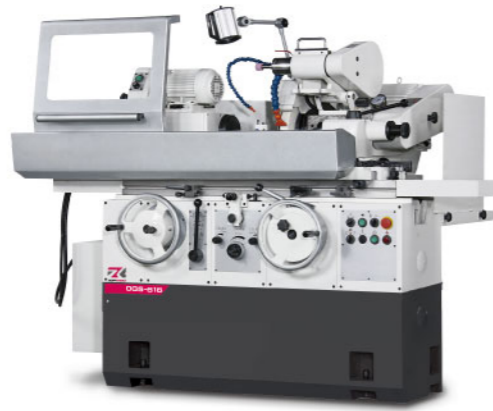
3. Work holder (2pcs/set)



7. Adjustable 4-Jaw chuck

15. G.W. Spindle inventor fixed speed

16. Hydraulic Tailstock



Specification		OGS-816	
Capability	Max.Swing Over Table.	mm	Ø200
	Max.Distance Between Center	mm	400
	Max.Grinding Diameter	mm	Ø 160
	Max.Loading Held Between Center	kgs	60
	Max.Loading Held Between Center (2 Point Steady Support)	kgs	—
Wheel Head	Swivel Angle		±30°
	Manual Distance	mm	135
	Auto Rapid Advance	mm	25
	Sliding Seat Supplementary Displacement	mm	95(Total 255mm)
	Min.Setting Unit	mm	0.001
Grinding Wheel	One Turn Of Handwheel (Graduation)	mm	2(0.005)
	O.D x Width x I.D	mm	305x38x127
Work Spindel Head	Surface Speed (Option)	m/sec	33 (45)
	Swivel Angle		120°(+90°,-30°)
Tail Stock	Center Tapper		MT3
	Spindle Speed r.p.m (Variable)	r.p.m	10~600
	Max.Loading Of Spindle (Tool Holder Included)	kgs	15kg(Max.Length 100mm)
Table	Center Tapper		MT3
	Tailstock Stroke	mm	20
Motor	Swivel Angle		-3°,+13°
	Traveres Speed	mm/min	50/4000
	Auto.Reciprocate Min.Stroke	mm	3
	Feed Of One Turn Of Handwheel (2-Step)	mm	20 (2)
	Grinding Wheel Spindle	kw	2.1 (4P)
Tank Volume	Workhead Spindle	kw	0.37 (4P)
	Hydraulic Pump	kw	0.75 (6P)
	Wheel sSpindle Lubrication	kw	0.18 (2P)
	Coolant Pump	kw	0.18 (2P)
	Internal Grinding Spindle	kw	0.375 (2P)
Machine Weight	Wheel Spindle Lubrication Tank	L	12
	LubricationTank	L	65
		L	100
		kgs	2000



Specification		OGS-1224	OGS-1240	OGS-1260	OGS-1280	
Capability	Max.Swing Over Table.	mm	Ø320		Ø320	
	Max.Distance Between Center	mm	600	1000	1500	2000
	Max.Grinding Diameter	mm	Ø 280		Ø 280	
	Max.Loading Held Between Center	kgs	100		150	
	Max.Loading Held Between Center (2 Point Steady Support)	kgs	—	150	200	200
Wheel Head	Swivel Angle		±30°		±30°	
	Manual Distance	mm	160		160	
	Auto Rapid Advance	mm	40		40	
	Sliding Seat Supplementary Displacement	mm	95(Total 295mm)		95(Total 295mm)	
	Min.Setting Unit	mm	0.001		0.001	
Grinding Wheel	One Turn Of Handwheel (Graduation)	mm	2(0.005)		2(0.005)	
	O.D x Width x I.D	mm	355x50x127		355x50x127	
Work Spindel Head	Surface Speed (Option)	m/sec	33 (45)		33 (45)	
	Swivel Angle		120°(+90°,-30°)		120°(+90°,-30°)	
Tail Stock	Center Tapper		MT4		MT4	
	Spindle Speed r.p.m (Variable)	r.p.m	10~500		10~500	
	Max.Loading Of Spindle (Tool Holder Included)	kgs	35kg(Max.Length 150mm)		35kg(Max.Length 150mm)	
Table	Center Tapper		MT4		MT4	
	Tailstock Stroke	mm	25		25	
Motor	Swivel Angle		12°	-3°,+7°	0°,7°	0°,7°
	Traveres Speed	mm/min	50/4000		50/4000	
	Auto.Reciprocate Min.Stroke	mm	3		3	
	Feed Of One Turn Of Handwheel (2-Step)	mm	20 (2)		20 (2)	
	Grinding Wheel Spindle	kw	3.75(4P)		3.75(4P)	
Tank Volume	Workhead Spindle	kw	0.8 (AC Servo)	1.3 (AC Servo)	2.0 (AC Servo)	2.0 (AC Servo)
	Hydraulic Pump	kw	0.75 (6P)		0.75 (6P)	
	Wheel sSpindle Lubrication	kw	0.18 (2P)		0.18 (2P)	
	Coolant Pump	kw	0.18 (2P)		0.18 (2P)	
	Internal Grinding Spindle	kw	0.75 (2P)		0.75 (2P)	
Machine Weight	Wheel Spindle Lubrication Tank	L	12	12	12	12
	LubricationTank	L	65	65	65	65
		L	100	100	100	100
		kgs	3000	3900	5000	6000

* Swing Table : 420mm for optional