

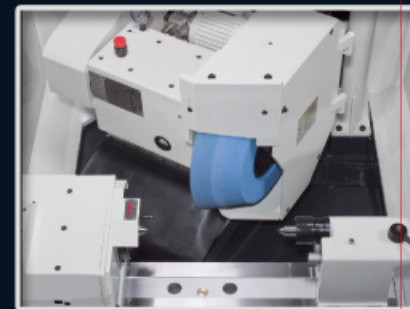
Unbeatable Performance

Special accessories can be applied according to specific job request.

Gap Control (Optional)

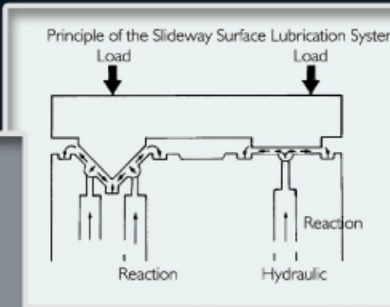


X and Z Axis simultaneous movement may dress the wheel in specific shape for multiple-step grinding purpose.

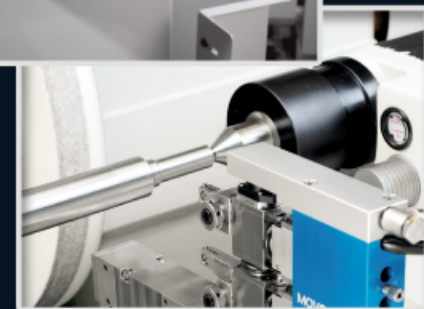


Angular Type Wheel Seat

Independent hydraulic and lubrication system, with hydro-static slide ways and high precision ball screws to ensure ultra high positioning accuracy.



Whole series machines may adopt Wheel Seat loading / unloading pendant arm. (Optional)



Auto In-process Gauge (Optional)



Applicable with FANUC / SIEMENS / MITSUBISHI controller.

Standard Accessories

- CNC Control
- Grinding Wheel and Wheel Flange
- Flange Extractor
- X Axis Linear Scale
- Fixed Type Tool Holder Seat
- Coolant Equipment
- Tool Box and Kits

Optional Accessories

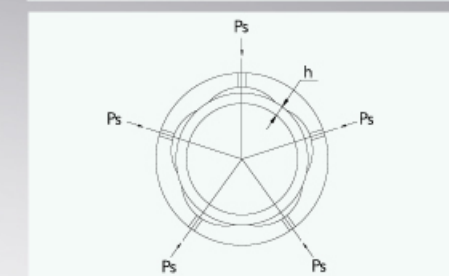
- Wheel Balancing Stand and Arbor
- Wheel Seat Loading / unloading Pendant Arm
- Cam Locked Driving Dogs
- Work Holder
- Touch Probe Gauge
- Auto In-process Gauge
- Gap Control
- Automatic Grinding Wheel Balancer
- Various Filtration Devices
- Other Jig Fixture and Automation Equipment



OCA Hydro-Static Spindle Series



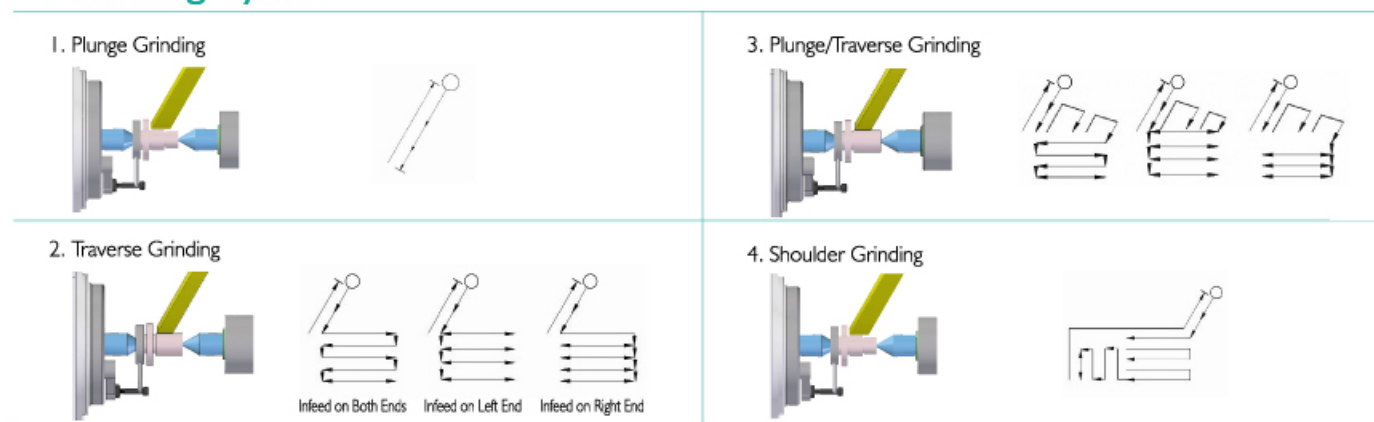
OCD Hydro-Static Spindle Series



Special hydro-static Bearing

- The wheel spindle runs by using a special hydro-static bearing and is especially ideal for precision grinding work. It features high speed, no friction between metals, no heat generation, deformation-free, extra high accuracy with continual use.

Grinding Cycles



Specification	Model	OCD-3235A	OCD-3265A	OCA-3235	OCA-3265
		Standard Type		Heavy Duty Type	
Capacity	Swing over table	Ø320 mm			
	Distance between centers	350 mm	650 mm	350 mm	650 mm
	Max. grinding diameter	Ø300 mm			
	Max. load held between centers	150 kgs			
Wheel	OD x width x ID	Ø455x75x152.4 mm		Ø610x150x203.2 mm	
	Linear velocity	33 m/s			
	Speed	1400 rpm		1041 rpm	
Wheelhead	Rapid feedrate	6 m/min			
	Min. input increment	0.001 mm / 0.0001 mm			
Table	Rapid feedrate	6 m/min			
	Min. input increment	0.001 mm / 0.0001 mm			
	Swiveling angle	0° ~ 10°			
Workhead	Center	MT 4			
	Speed	10~300 rpm			
	Max. load of spindle (tool holder included)	35 kgs			
Tailstock	Center	MT 4			
	Tailstock stroke	25 mm			
Controller	Brand	SIEMENS / FANUC / MITSUBISHI			
Motor	Wheel spindle	7.5 HP x 4 P		15 HP x 4 P	
	Work spindle	0.8 kw (AC servo motor)			
	Wheelhead feed	2.29 kw (AC servo)		4.87 kw (AC servo)	
	Table feed	2.29 kw (AC servo motor)			
	Hydraulic pump	0.37 kw (4 P)			
	Wheel spindle lubrication pump	0.18 kw (4 P)		0.37 kw (4 P)	
	Coolant pump	0.37 kw (2P)			
Coolant capacity	Wheel spindle bearing lubrication tank	18 L			
	Hydraulic tank	60 L			
Weight	Machine weight	5000 kgs	6000 kgs	5600 kgs	6600 kgs



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EXTOMAX SERIES
CNC ANGULAR CYLINDRICAL GRINDER

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