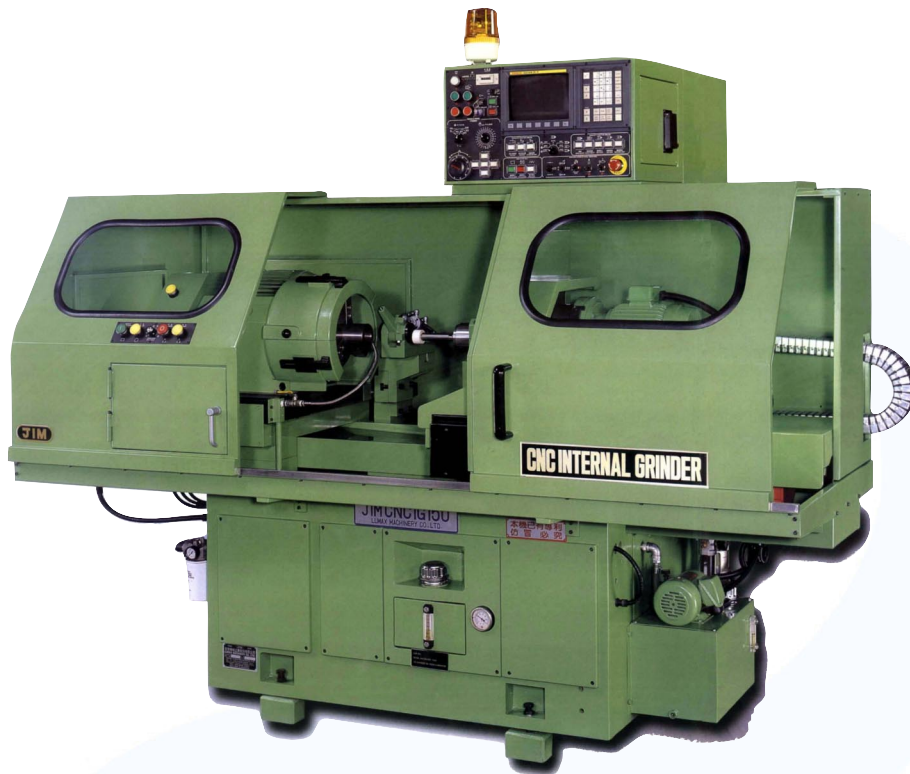




JIM-CNC-IG150

FULL AUTO COMPUTER SIZING INTERNAL GRINDER



JIM-IG500

HYDRAULIC AUTO POWER INTERNAL GRINDER



**Combittech**

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SPECIFICATIONS:

ITEM		UNIT	MODEL JIM-IG150
Working Capacity	Swing over table	mm	520
	Distance between centers	mm	480
	Grinding hole diameter	mm	6~150
	Max. grinding weight	kgf	60
Grinding Wheel	OD. x L	mm	90x250 m/m
	Rotation speed	rpm	10000~50000
	Surface speed	m/sec	20~40
Headstock	Main spindle rev. speed	rpm	0~1000
	Speed change(Inverter)		stepless
	Swing angle of main spindle		(Front)45/(Rear)10
	Main spindle center		MT#5
	Main spindle nose		A1-5
Motor	For infeed head(X axis)	HP	1kw Servomotor
	For table(Z axis)	HP	2kw Servomotor
	For wheel head	HP	2 . 2P
	For work head	HP	1/2 . 6P
	Hyd. motor	HP	1
	Linear slide rail motor	HP	1/4
	Coolant pump motor	HP	1/8
Table Carriage(Z axis)	Mx. carriage stroke	mm	350
	Carriage feed drive	mm/min	0~10000
	Travel per scale graduation of pulse handwheel	mm	0.001/0.0/0.1
	Auto grinding feed rate	%	0-150(Every 10%)
	Min. setting unit	mm	0.001
Wheel Head(X axis)	Wheel head movement	mm	180
	Auto infeed rate	mm/min	0~10000
	Travel per scale graduation of pulse handwheel	mm	Dia 0.001/0.01/0.1
	Auto grinding feed rate	%	0-150
	Min. setting unit	mm	0.001
Machine size	Height	mm	2100
	Length	mm	2500
	Width	mm	1700
Net Weight	2500 Kg		
CNC Controller	FANUC. O model		

ITEM		UNIT	MODEL JIM-IG500
Working Capacity	Range of hole diameters		50~500
	Max. grinding length	mm	500
	Swing over table	mm	800
	Max. table stroke	mm	1000
	Table speed	m/min	0~7.2 Hydraulic stepless
	Height of grinding wheel spindle center from floor	mm	1120
	Max. Grinding wheel infeed table travel (Longitudinal)	mm	200
	Grinding wheel infeed table feeding method	rpm	Automatic,hydraulic & stepless
Headstock	Work spindle speed	r.p.m	Non-step inverter and two-step pulley change Step A:30.120 Step B:60.250
	Headstock swing angle		(Front)45;C (Rear)20;C(Front 30;C,without cover)
	Max. Headstock travel (Longitudinal)	mm	200
Motor	For work spindle	HP;AP	2;A4
	For hydraulic motor	HP;AP	2;A4
	For grinding wheel spindle	HP;AP	7 1/2;A2
	For coolant pump motor	HP;AP	1/4;A4
	For coolant filter	W;AP	100;A4
Tank capacity	Oil tank	L	60
	Coolant tank	L	100
Machine size	Machine dimension(Length X Width X Height)	mm	3800x2200x1600
	Nett weight(approx.)	kg	4000



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