

HIGH PRECISION  
**SURFACE GRINDERS**

FASHIONABLE



Delivering Quality, Value & Service  
Since 1990

**ISG-2X-820-CNC**



IMPACT

## SPECIFICATIONS

MODEL	PARAMETERS	UOM	ISG-2X-820-CNC
Grinding Area	Grinding Length x Width	mm	500 X 200
Machining Range	Working Surface	mm	500 X 200
	Maximum Component Height below the Grinding Wheel	mm	460
	Weight carrying capacity of table	KG	200
Table Movement	Max. longitudinal movement	mm	525
	Max. cross movement	mm	212
	T-slots (number x width)	mm	1 X 17
Longitudinal Movement	Table Speed	m/min.	0.1-20
	Least count of hand wheel	mm	0.001
Cross Movement	Auto cross feed at each table reversal	mm/stroke	0.001-10
	Least count of hand wheel	mm	0.001
Vertical Movement	Power elevation	mm/min	100
	Least count of hand wheel	mm	0.001
Grinding Wheel	Speed	RPM	1-3000 (VARIABLE SPEED)
Motors	Vertical up down	Servo	0.5 KW
	Cross feed	Servo	0.5 KW
	Table	Hydraulic	1.5 KW
	Spindle	KW	1.5
	Coolant Pump	HP	0.5

### Salient Features

- .Moving Column Design
- .OPTIMUM ribbing for more stability with Maximum vibration damping capacity
- .Robust & Sturdy design for precise grinding result over long period of time
- .Precision Ground Guide ways with anti-friction Turcite B-line material
- .No overhanging in Guide ways
- .Infinitely variable incremental Auto Cross Feed
- .Water Baffles to protect Cross Guide ways from coolant & grinding dust
- .Natural Air Cooled Hydraulic Power pack provided
- .Equipped with Rough, Finish & Sparkout AutoGrinding cycles
- .Criss Cross grinding provision
- .Separate settable Auto cross feed for Rough & Finish grinding cycles
- .Perfect Squareness of all X, Y & Z Axes
- .Interlocks on spindle Rotation/Magnetic Chuck