

# State of the Art

## Manufacturing & Quality Control Facilities



### VISION

A Trustful, Innovative, Systems & Technology Driven company with Robust Manufacturing Capabilities to be *Your Partner in Progress...*

The manufacturing setup is ISO 9001-2000 certified, spread over 40,000 sq. feet and is equipped with latest mother machine shop with CNC machines like Horizontal and Vertical Machining Centers, variety of Turning Centers, 5 Face Double Column Machining Centre, Surface Grinding Machines and a CNC CMM in order to ensure the highest quality standards of the products. All our manufacturing companies have now adopted sophisticated ERP software to optimize allocation of resources and improve manufacturing efficiency. Our R&D team works on new technologies in collaboration with senior professionals from industry so that new machines can be regularly launched to meet the ever changing market needs.

# Smartgrind Creep Feed Grinder

Ultra Precision Performance even under High Depth of Cut



**Power**  
**Precision**  
**Performance**

Rigid Machine Construction

Heavy Duty Spindle

Large cutting depth per pass

Higher metal removal rates

Ideal for grinding difficult-to-machine alloys

Wide application in Aerospace & Automotive industries

Can grind profiles from solid

Customized solutions for specific components



Fully equipped design center for development of special purpose grinding machines based on customer production requirement and continual development of existing machine range.



Features	Description	Unit	SG-8035	
Capacity	Grinding Area	mm	800 x 350	
	Longitudinal Travel	mm	800	
	Cross Travel	mm	350	
	Vertical Travel	mm	300	
	Max. Load on Table	kg	300	
Spindle	Spindle Motor	kW	22	
	Spindle Speed	rpm	1000-3000	
	Grinding wheel Size Max. (OD x Width x ID)	mm	400 x 100 x 127	
Feed & Traverse	Rapid Traverse	X Axis	mm/m	10,000
		Y/Z Axis	mm/m	5,000
Drive	X/Y/Z Axis		AC Servo Motor & Ball Screw	
Others	Total Power Consumption	kW	42	
	Input Power Source		415V , 3Phase, 50 Hertz	
	Floor Space	mm	4260 x 5900	
	Machine height	mm	2800	
	Machine weight	Kg	8000	



### QUALITY ASSURED

We ensure every element on our machine meets the most stringent quality standards set by COSMOS to ensure long lasting accuracy and excellent mechanical stability of the machine.



### WYLER BLUE METER



» High Productivity » High Accuracy » High Flexibility » Operator Friendly

**CUSTOMER**  
SATISFACTION

Over **3500+** CNC  
machines Installed

Over **12000+**  
Accessories Installed

**65%** sales from  
REPEAT ORDERS



## Creep Feed Grinding Applications



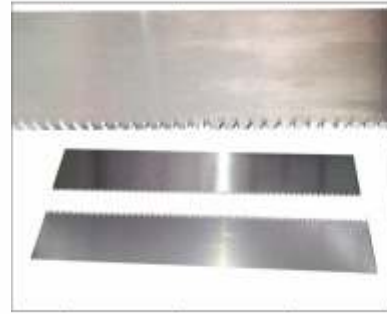
Chuck Jaw



Spring Collet



TurboCharger



Simple Blade



Rack Grinding



Turbine Blade



Thread Rolling Dies



Connecting Rod



VDI Tool Holder Serration



Scissor, Cutter, Knife



Yoke



Spline Shaft



Broach



Hirth Coupling



Rocker Arm

## Our Prestigious Customers



HAPPY FORGING  
L i m i t e d



BHARAT FORGE  
KALYANI



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## High Precision Creep Feed Grinders

