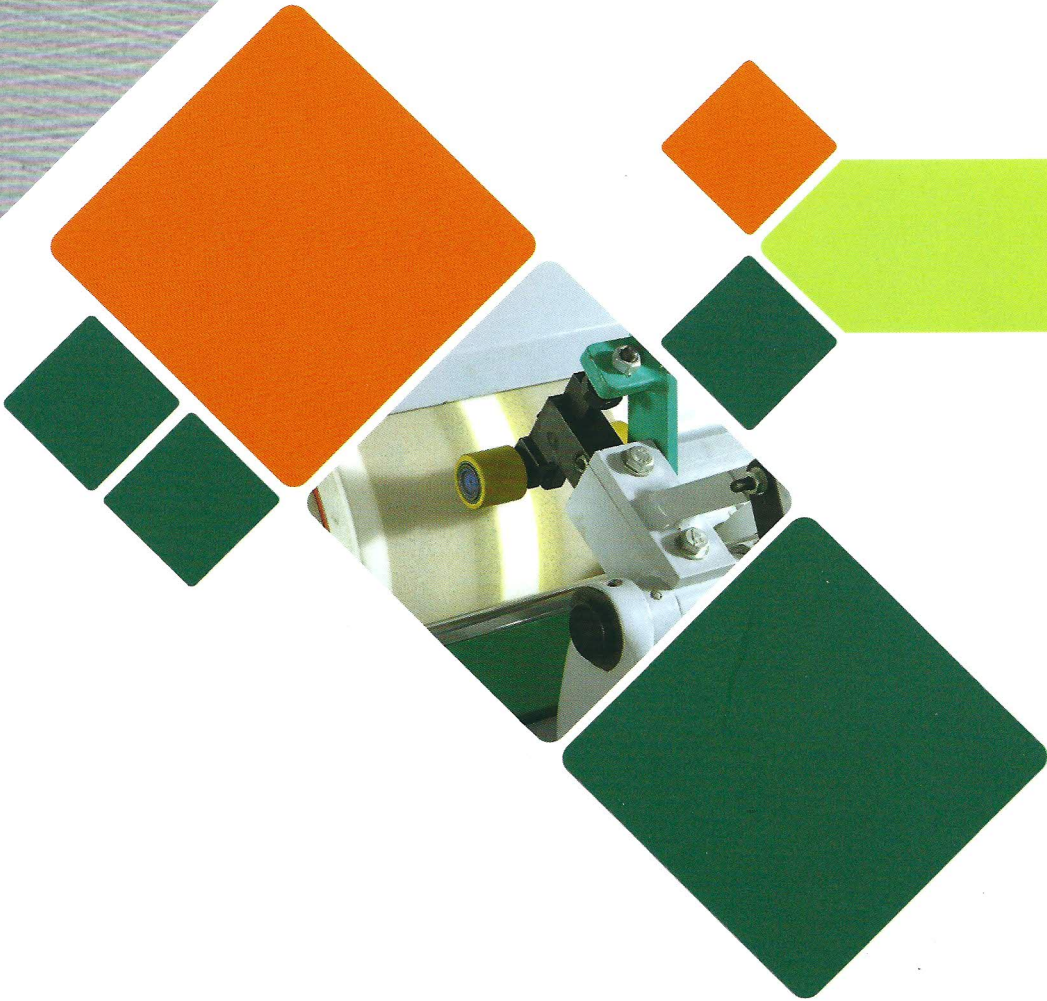


Simplification  
to accomplish complex needs...



Manufacturer & Exporter of  
Spinning Roll Shop Machines



**COT GRINDING MACHINE- MODEL – GCGHY – 200-AF**

Hydro-Pneumatically operated to grind R/F and S/F top rollers on pneumatically operated Centreless Grinding Attachment with 200 mm. wide emery having surface finish/accuracy as per international standards. Loading & Unloading of top rollers are automatically with auto feeding system which is controlled by digital LCD electronic timer to set grinding time.

Draw Frame and Comber rollers are grinded between centre by the help of MT 2 dead centre with 25 mm emery. Vibration free design for high accuracy, more productivity and less maintenance.



**COT GRINDING MACHINE- MODEL – GCGHY – 200**

Fully Hydraulically operated suitable to grind R/F and S/F top rollers on Centreless Grinding Attachment with 200 mm. wide emery controlled by digital electronic timer to set grinding time for arbour and for replacing fresh arbour to be ground having surface finish/accuracy as per international standards.

Draw Frame and Comber rollers are grinded between centre by the help of MT 2 dead centre with 25 mm emery. Vibration free design for high accuracy, more productivity and less maintenance.



**COT GRINDING MACHINE – MODEL - GCGH-200**

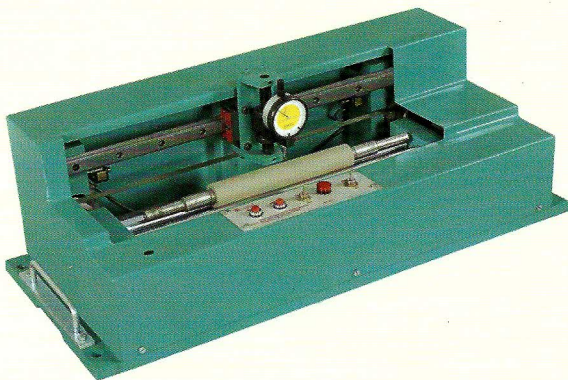
Semi Hydraulically operated suitable to grind R/F and S/F top rollers on manually operated Centreless Grinding Attachment with 200 mm. wide emery with hydraulically operated table traverse motion having surface finish/accuracy as per international standards.

Draw Frame and Comber rollers are grinded between centre by the help of MT 2 dead centre with 25 mm emery. Vibration free design for high accuracy, more productivity and less maintenance.



Model	GCGHY - 200 - AF	GCGHY - 200	GCGH - 200	GCGC - 25
Operating System	Auto Feeding	Semi Automatic	Manual	Manual
Production Per Hour	325 - 350 Arbour	275 - 300 Arbour	225 - 250 Arbour	
Centreless Attachment For R/F & S/F	Pneumatically Adjustable Grinding Time	Hydraulically Adjustable Pressure & Grinding Time	Manual	
Longer Roller Like Comber / Draw Frame etc	Grinding Between Centres, Taper Grinding System Provided For Comber Detaching Roller			
Grinding Accuracy & Surface Finish	± 0.01 Ra Value < 0.05 umm			
Lubrication System	Centralise System By Manual Pump			
Connected Electric Load	3.3 KW (4.5 HP) 3 Phase			3KW (4 HP) 3 Phase
Dust Extraction	Provided Separately			
Compressed Air pressure	6 - 10 Bar			
Grinding Wheel Dimensions	Ring & Speed Frame : 250 O/D X 150 I/D X 200 Wide Longer Roller : 250 O/D X 150 I/D X 25 Wide			225 O/D X 95.5 I/D X 25 Wide
Working Range	Ring & Speed Frame Roller		Draw Frame / Comber Roller	
Min. Dia	26 MM		20 MM	
Max. Dia	38 MM		100 MM	
Max. Length	190 MM		500 MM	
Weight	Net / Gross kgs	1200 / 1600	1100 / 1500	1100 / 1500
Size of Case	Machine	155L X 129W X 158H cms		
	Dust Extraction	110L X 81W X 155H cms		

Grinding accuracy depends on quality of top rollers.



#### ECCENTRICITY & TAPER TESTER

Machine is designed to check eccentricity and taper of all kind of top rollers like R/F, S/F, Draw Frame, Comber etc. Fully motorized easy to operate for checking eccentricity of the top roller at any point with linear guide bearing with single phase electric motors Dial Indicator are fitted on adjustable stand to adjust height wise.

Net / Gross weight : 50 / 80 kgs.

Size of cage : 82L X 43W X 38H cms.

#### ULTRA VIOLET TREATMENT MACHINE

The most advanced environment friendly and world wide accepted treatment for irradiation of all types of cots like draw frame, comber, ring frame, speed frame etc. Designed totally maintenance free to reduce lapping on buffed top rollers in spinning department. During treatment ultra violet rays improve the surface finish and control roller lapping to save costly rubber cots from damage ensuring consistency of yarn quality and increased productivity, having 2 KW, U.V. Lamp. For uniform treatment roller rotating system is provided. Treatment time is 6 - 8 minutes per batch for 30 top rollers of R/F and 20 of S/F. Loading and unloading of top roller is manual, safe and easy. Complete operation is controlled by auto reset timer.

Net / Gross weight : 450 / 650 kgs.

Size of cage : 148L X 93W X 170H cms.





### SPINDLE LUBRICATING MACHINE

Machine is designed with 2 separate guns – flushing & oiling guns for perfect flushing/ cleaning & oiling of spindle bolster for longer life of bearing, having trolley wheel to move one place to another place.

Due to zero leakage, there is no oil around the bolster which also ensures no fly and fluff accumulation, thus keeping the spindle / ring frame neat and clean.

#### FLUSHING GUN ( CLEANING GUN )

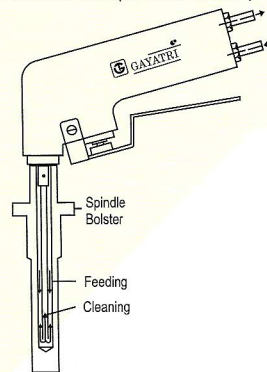
Fitted with S.S. nozzle assembly, which cleans the bolster from neck bearing to footstep bearing and the dirty oil will be sucked out efficiently which will go to the flushing oil tank duly filtered twice by micro filter.



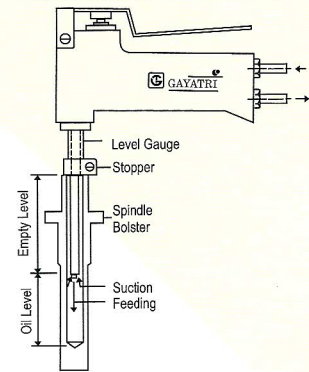
#### LUBRICATING GUN ( OILING GUN )

Equipped with adjustable S.S. dual nozzle assembly and easily adjustable auto oil level gauge system to maintain automatic oil level uniformly with no overflow or leakage at all. The same gun can be used for oil topping facility.

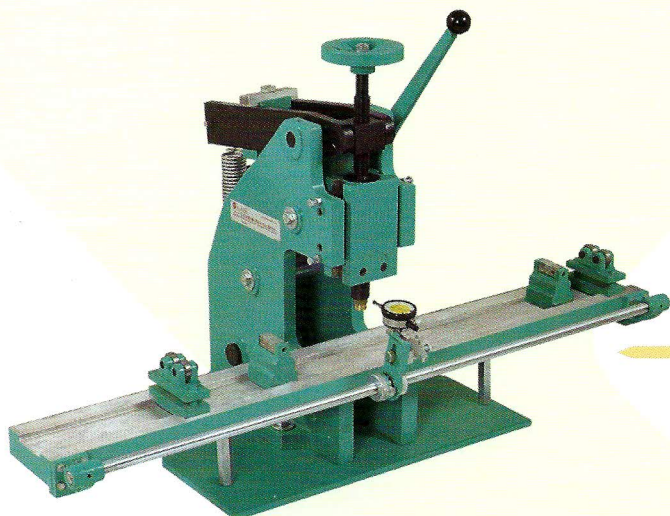
FLUSHING GUN ( CLEANING GUN )



LUBRICATING GUN ( OILING GUN )



Model	3 Tanks	2 Tanks
Flushing Tank	20 Ltrs	20 Ltrs
Oiling Tank	12 Ltrs	12 Ltrs
Topping Tank	12 Ltrs	—
Electric Motors	0.5 HP, 1440 RPM Single Phase	
Weight	Net / Gross kgs	110 / 230
Size of Case	105L X 56W X 110H cms.	



### FLUTED ROLLER TRUING MACHINE

Manually easy operated to identify and rectify the eccentricity of fluted rollers upto 34 mm. diameter, without causing damage and removing by dial indicator fixed on an adjustable and moveable on the horizontal guide rod, 1200 mm long working table.

Net / Gross weight : 180 / 320 kgs.

Size of cage : 136L X 73W X 95H cms.

