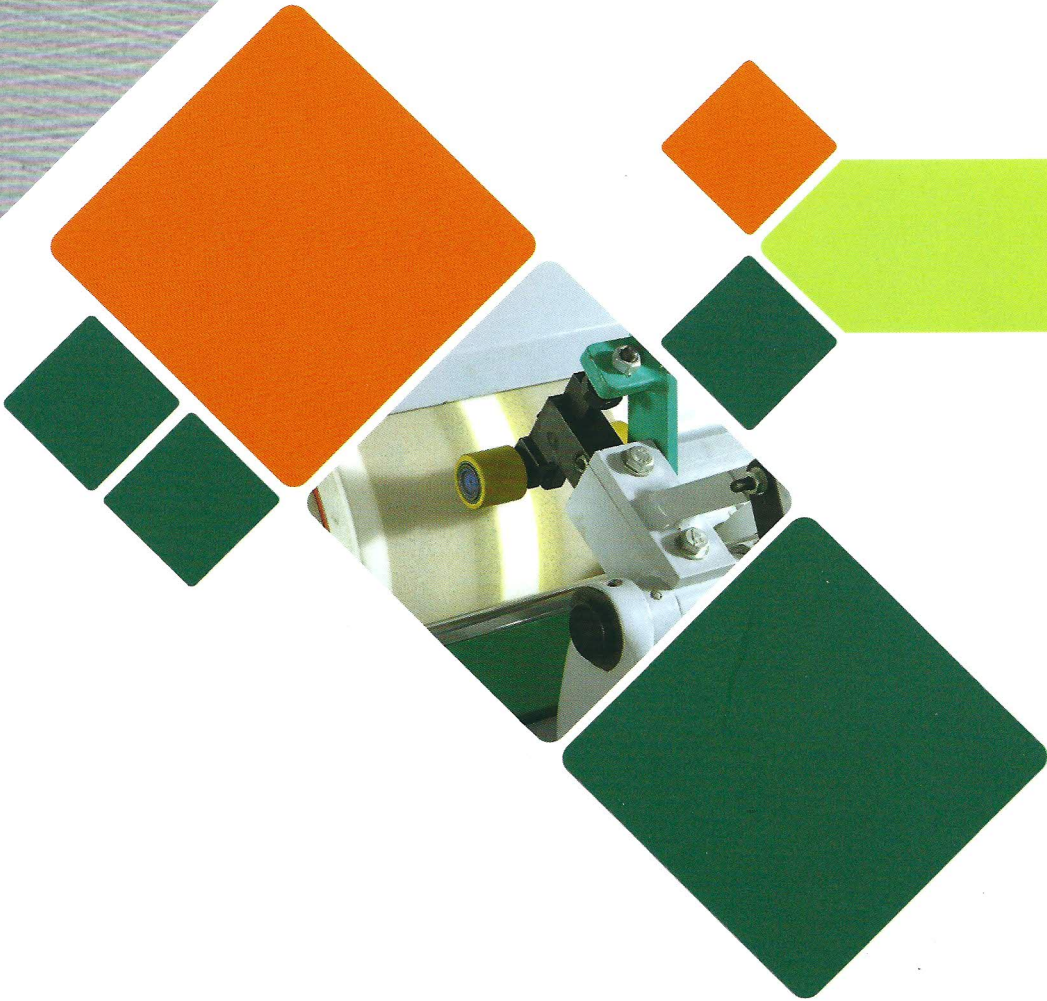


Simplification
to accomplish complex needs...



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

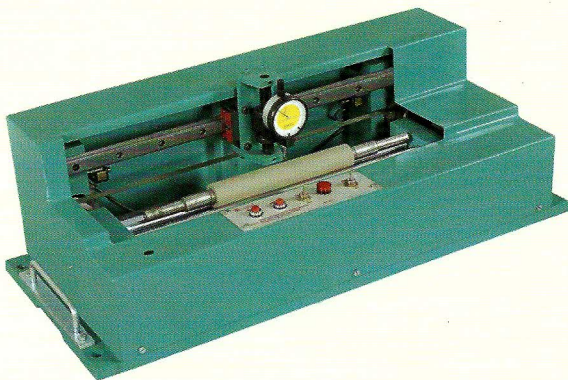
Semi Hydraulically operated suitable to grind R/F and S/F top rollers on manually operated Centreless Grinding Attachment with 200 mm. wide emery with hydraulically operated table traverse motion having surface finish/accuracy as per international standards.

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)

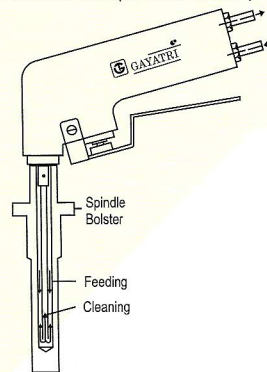
Fitted with S.S. nozzle assembly, which cleans the bolster from neck bearing to footstep bearing and the dirty oil will be sucked out efficiently which will go to the flushing oil tank duly filtered twice by micro filter.



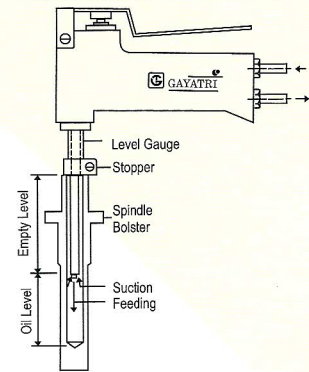
LUBRICATING GUN (OILING GUN)

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.

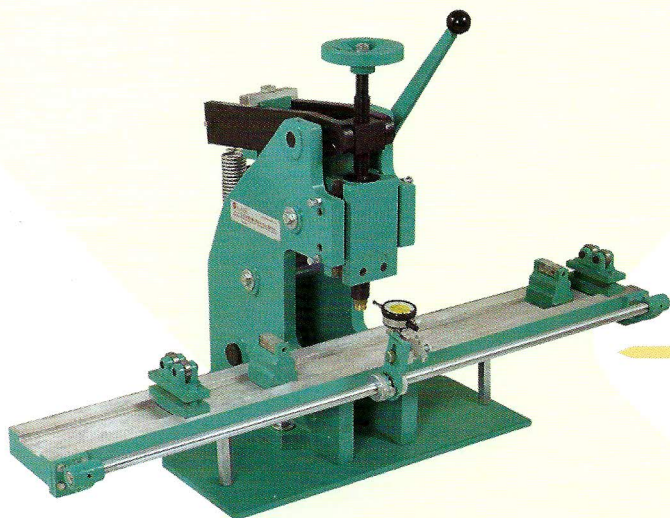
FLUSHING GUN (CLEANING GUN)



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.

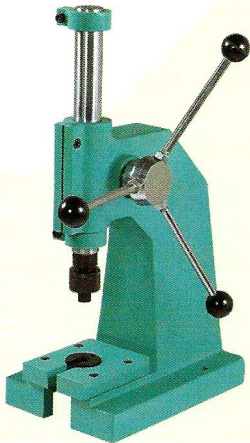
Net / Gross weight : 180 / 320 kgs.

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

HYDRAULIC COTS MOUNTING & DEMOUNTING MACHINE

Machine is designed to mount & demount all types of longer top rollers like comber, RSB Draw Frame "ALUCORE" cots etc. by horizontal attachment with roller guide, Stroke adjustment will be as per cots length. Separate Vertical attachment is provided for Ring Frame, Speed Frame, & O/E cots (Plane, PVC, Easyfit, Alucore) for more productivity. Hydraulic Power Pack is provided to operate both attachment at a time with 2 HP, 3 Phase electric motor. Working pressure can be adjustable.

Net / Gross weight : 350 / 550 kgs.
Size of cage : 193L X 98W X 125H cms.



HAND COT MOUNTING MACHINE

Manually operated, convenient, economic and fastest concept to mount and demount rubber cots on top rollers of Ring Frame, Speed Frame, O/E & Texturizing (Plain, PVC, Easyfit & Alucore)

Net / Gross weight : 40 / 65 kgs.
Size of cage : 55L X 40W X 72H cms.

PNEUMATIC COT MOUNTING MACHINE

Pneumatically operated convenient, economic, concept to mount & demount rubber cots on top rollers of Ring Frame, Speed Frame, O/E & Texturizing (Plain, PVC, Easyfit & Alucore Cots)

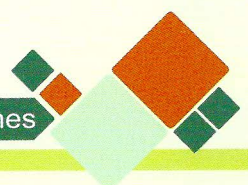
Net / Gross weight : 70 / 150 kgs.
Size of cage : 118L X 60W X 98H cms.



TOP ROLLER CALENDERING MACHINE

Machine is designed to remove air pockets, twist & Shrinkage of top roller immediately after mounting of longer cots like Draw Frame, Comber by pneumatically / Manually operated top cover. Easy to operate better performance, higher productivity due to dual roller rotated by 0.5 HP, 3 Phase electric motor with less maintenance.

Net / Gross weight : 200 / 280 kgs.
Size of cage : 92L X 60W X 73H cms.



TOP ROLLER GREASING MACHINE (Vertical)

Machine is well designed for convenient, efficient greasing system of Ring Frame and Speed Frame top rollers to grease single side at a time with volumetric calibration, manually easy operate and prevent wastage of grease having tank capacity of 1.5 kg.

Net / Gross weight : 55 / 85 kgs.

Size of cage : 61L X 48W X 90H cms.



TOP ROLLER GREASING MACHINE (Automatic)

Well designed for efficient & convenient greasing system of R/F and S/F top rollers to grease double side at a time with volumetric calibration. Easy to operate and prevent wastage of grease, ensuring clean operation., pneumatically operated having tank capacity of 1.5 kg.

Net / Gross weight : 70 / 110 kgs.

Size of cage : 73L X 66W X 80H cms.



MOBILE GREASING MACHINE

Well designed for efficient & convenient for greasing the fluted roller bearings, tin roller, shaft bearing, gear end etc. to inject the set quantity of grease in grease nipple through light weight gun with hand operated trigger in Spg. machines. Easy to operate and prevent wastage of grease, ensuring clean operation., pneumatically operated having trolley wheel to move one place to another place with tank capacity of 1.5 kg.

Net / Gross weight : 70 / 120 kgs.

Size of cage : 85L X 55W X 123H cms.



TOP ROLLER DE-GREASING MACHINE

Well designed for efficient cleaning of eight top rollers (Sixteen Shell) of Ring Frame and Speed frame at a time with roller rotating system by conveyor belts. Auto timer is provided for setting required time for cleaning and pneumatic air connection is for roller drying having high productivity with less maintenance. The flushing oil is filtered before it reaches to the oil tank and same oil is recycled again. Fully enclosed electrically operated 1.5 HP, 3 Phase with exhaust fan to remove the fumes from chamber.

Net / Gross weight : 200 / 325 kgs.

Size of cage : 120L X 85W X 125H cms.



TOP ROLLER DE-GREASING MACHINE

Machine is designed to clean single top rollers (Two Shell) at a time with roller rotating disc by 0.5 HP, 3 Phase electric motor . Auto timer provided to set required flushing time, having less maintenance. The flushing oil is filtered before it reaches to the oil tank and same oil is recycled again.

Net / Gross weight : 125 / 250 kgs.

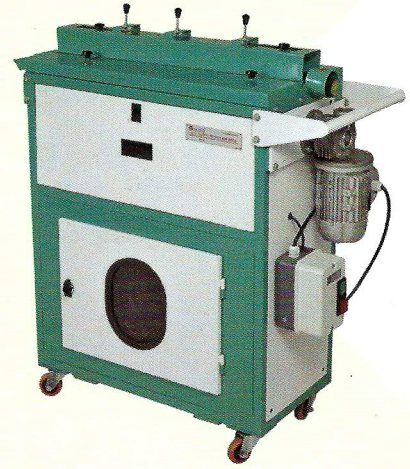
Size of cage : 95L X 63W X 105H cms.

FLOCKED CLEARER ROLLER CLEANING MACHINE

Machine is designed for quick and efficient cleaning of R/F flocked clearer rollers with metal wires, without damaging or spoiling the surface of the clearer roller and the cotton fibres and fluffs are collected in chamber. Fitted with maintenance free gear box and consumes very less power 0.25 HP, 3 Phase electric motor. Metal wires softly goes into the bottom surface of the roller which removes fluff, dust and dirt collected by the clearer roller. Very easy to operate and is capable to clean 1200 rollers per hour. Machine is fixed on trolley wheel to shift one place to another.

Net / Gross weight : 80 / 180 kgs.

Size of cage : 108L X 65W X 127H cms.



FLOCKED CLEARER ROLLER CLEANING MACHINE (Manual)

Manually easy operated for cleaning of Comber flocked clearer rollers with metal wires, without damaging or spoiling the surface of the clearer roller and the cotton fibres and fluffs are collected in chamber. Machine is fixed on trolley wheel to shift one place to another.

Net / Gross weight : 65 / 165 kgs.

Size of cage : 108L X 65W X 127H cms.



AUTO FEEDER FOR FLOCKED CLEARER ROLLER CLEANING MACHINE.

Machine is automatic, easy to operate and maintain. High efficient and fast in feeding for cleaning which reduces damages to rollers & also manpower. Power consumption is low having bowl load capacity of 200 Nos. and feeding capacity of 1000 rollers per hour.

Net / Gross weight : 300 / 450 kgs.

Size of cage : 133L X 104W X 90H cms.

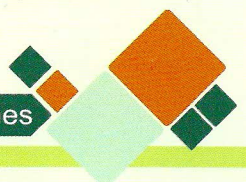


CLEARER ROLLER CLEANING MACHINE

Most convenient, economic, easy to operate and safe machine to clean clearer roller automatically without damaging the clearer cloth surface (Wooden Roller). To remove the cotton fibers and fluffs by nylon brush which should be collected in chamber by the help of dynamically balanced efficient suction fan, which rotates with 1 HP, 3 Phase electric motor. Machine is fixed on trolley wheel to shift one place to another.

Net / Gross weight : 85 / 200 kgs.

Size of cage : 92L X 65W X 120H cms.



Our prime motto is to satisfy customer in all respects. Only customer's satisfaction is our profit margin. Quality-wise and price-wise our products are well accepted by Indian as well as overseas customers.

Continuous design changes/modification are being made in our range of products by studying customer's exact requirement, hence our products are successfully competing with others.

Considering quality, prompt delivery, and after-sales service, we are getting good response from Indian market as well as International market.

Due to effective team work, we are capable of exporting our products regularly to the countries like. Bangladesh, Brazil, Egypt, Iran , Indonesia, Malasiya, Pakistan, Syria, Thailand, Vietnam, etc.

Last but not least, our entire expertise and technical team are working under one roof –
GAYATRI TEXTILE MACHINES.



GAYATRI

Note : In view of continuous development, we reserve the right to modify the design, picture, specifications and dimensions without notice.

GAYATRI TEXTILE MACHINES

17, Harshad Ind. Estate, Margha Farm Compound, Behind L.B.S. Stadium. Bapunagar,
Ahmedabad - 380 024, Gujarat, India. Tel. No. 0091 79 22775403, Fax No. 0091 79 22779216
E-mail : gayatrirrp@rediffmail.com Web-site : www.gayatritexmach.com