



GCL INDIA (P) LIMITED

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An ISO 9001 : 2000 Certified Company



## WORLD CLASS CIRCULAR WEAVING MACHINES FOR PP / PE WOVEN FABRIC

GCL India Pvt. Ltd. today is a globally recognized name with an installed base of over 7000 machines working in a diverse spectrum of applications.

A pioneer in the HDPE / PP woven application technology, GCL offers complete turnkey solutions for the packaging industry.

Driven by a mission to create world-class machines, the GCL in-house R&D team is dedicated to improving and innovating products to help GCL remain at the forefront of technology. The electronically advanced 6 Shuttle GCL-6A summarizes GCL's commitment to outrun standards. Especially it's own. Delivering higher productivity of woven fabric at significantly lower costs, the GCL-6A leaves competition far behind with it's performance, weaving profits.

### STANDARD FEATURES

- Two creels
- Warp infeed system with automatic load cell mechanism
- Warp break detect system
- Weft break sensor
- Color mark sensor
- Three manual control units
- Cloth haul-off
- Loom controller
- One weaving ring-specified by the customer
- Surface winder
- Bobbin storage above the intake

Motorised warp inlet



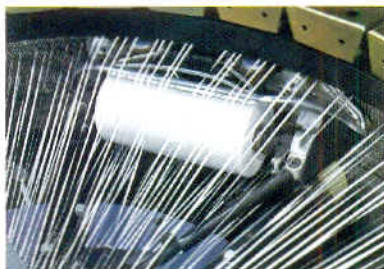
Load Cell



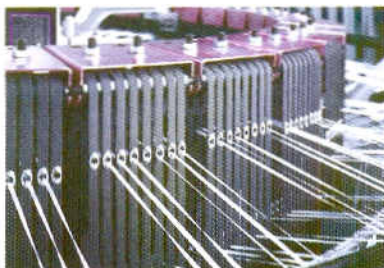
## GCL - 6A

*Advanced*





Shuttle



Head Belt



Magnetic Sensor

## TECHNICAL SPECIFICATIONS

### CIRCULAR WEAVING MACHINE

<b>Model</b>	<b>GCL - 6A</b>	
Number of Shuttles	6 Nos.	
Working width – Tubular	48 - 72.5 cms	
Machine Speed *	130 - 167 RPM	
Weft Insertion	780 - 1000 PPM <sup>#</sup>	
Creel Capacity	576	
<b>Bobbin Package</b>	<b>Warp Bobbin</b>	<b>Weft Bobbin</b>
Inside Diameter of the pipe	35 mm	35 mm
Length of the pipe	220 mm	220 mm
Traverse Length of the bobbin	190/200 mm	190/200 mm
Bobbin Diameter	100/120 mm	115 mm
<b>Power:</b>		
Main Motor – 1 No.	2.98 Kw / 4 HP	
Winding unit Motor – 1 No.	0.18 Kw / 0.25 HP	
Take up Motor	0.37 Kw / 0.5 HP	
Drive intake Motor	0.18 Kw / 0.25 HP x 2	
Intake drive mechanism	Automatic load cell mechanism	
Layout space in meters (L x W x H)	8.9 x 2.24 x 3.15	
Weight of the machine – approx.	2200 Kgs	

\* Depending upon width of the fabric, denier, mesh & quality of tape.

# Conditions apply.

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