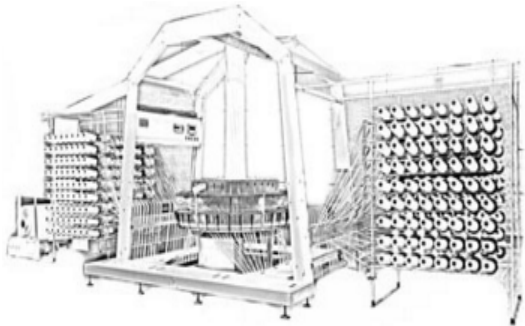


Circular Looms

Ultra Series

GCL Ultra-6, 6 Shuttle Loom



The fastest circular loom by GCL with proven Ultra technology for tubular fabric of PP or HDPE tapes with 480-710mm double flat width. Ultra 6 also processed with gentle precision with consistent high quality higher productivity resulting in cost cutting.

Highlights

Standard Features

- Equipped with Programmable Logic Control System
- Equipped with Load cell for effective and gentle warp feed
- Effective electrical earthing system for warp breakages
- Gramophonic fabric winding system

Productivity Features

- Working width, double flat – 480-710 mm
- Number of tapes – 576
- Energy consumption * – 3.7 kW
- Core diameter inside * – 35 mm
- Bobbin diameter (max.) – 120 mm
- Diameter fabric rolls (max.) – 1200 mm

* Depending on width of fabric, denier, mesh and speed quality of the tapes

Optional Features

- Guzzeting Device
- Side Slitting and Centre Slitting Device

Standard Series

GCL 1000, 6 Shuttle Loom

The GCL 1000 incorporates all the benefits of the 6S, while also adding speed to its repertoire. At a maximum of 1,000 PPM, this versatile and robust machine, with 6 aluminum alloy aerodynamically designed shuttles, is built to deliver fabric with a width of 19 to 28 inches at 50 to 130 GSM.

Above all, in addition to the ease and convenience of operating and maintaining the machine, it helps cuts costs!!!!

Standard Features

- Warp infeed System
- Warp & Weft Break sensors
- Automatic weft cramming device
- Colour mark sensor for weft exhaust
- Gramophonic fabric winding system

Salient Features

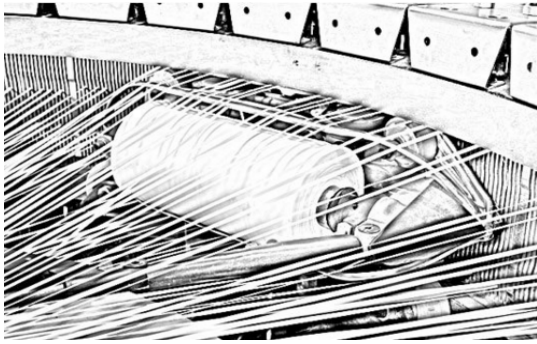
- Working width, double flat – 480 – 710 mm
- Number of tapes – 576
- Number of shuttles – 6
- Weft insertion * – 1000 ppm
- Energy consumption * – 3.7 kW
- Core diameter inside * – 35 mm
- Sleeve length * – 200 mm
- Bobbin diameter (max.) – 120 mm
- Diameter fabric rolls (max.) – 1200 mm

* Depending on width of fabric, denier, mesh and speed quality of the tapes

Optional Features

- Programmable Logic Controller
- Guzzeting Device,
- Side and Centre Slitting Device
- Loom monitoring system @ low speeds

GCL 6S, 6 Shuttle Loom



The GCL 6S – The Workhorse – has been designed and developed to meet the modern day requirements of width and speed. It delivers fabric in the width range of 19 to 33 inches at 50 to 100 GSM.

Standard Features

- Warp infeed System
- Warp & Weft Break sensors
- Automatic weft cramming device
- Gramophonic fabric winding system

Salient Features

- Working width, double flat – 480 – 840 mm
- Number of tapes – 576
- Number of shuttles – 6
- Weft insertion * – 780 – 900 ppm
- Energy consumption * – 3.55 kW
- Core diameter inside * – 35 mm
- Sleeve length * – 200 mm
- Bobbin diameter (max.) – 120 mm
- Diameter fabric rolls (max.) – 1200 mm

* Depending on width of fabric, denier, mesh and speed quality of the tapes

Optional Features

- Programmable Logic Controller
- Guzzeting Device,
- Side and Centre Slitting Device
- Loom monitoring system @ low speeds

GCL 6 Series, 6 Shuttle Loom

The GCL 6 Series, designed and developed to meet the specific demands of width and speed of customers, delivers fabric in the width range of 24 to 65 inches. This range of machines, consisting of the 6 – 1S, 6 – 2S, 6 – 2SD, 6 – 3S & 6 – 3SD, is at the heart of the FIBC manufacturing Industry.

Standard Features

- Warp infeed System
- Warp & Weft Break sensors
- Automatic weft cramming device
- Colour mark sensor for weft exhaust
- Gramophonic fabric winding system

Salient Features

- Working width, double flat – 600 – 1650 mm
- Number of tapes – 576
- Number of shuttles – 6
- Weft insertion * – 780 – 900 ppm
- Energy consumption * – 4.12 to 6.35 kW
- Core diameter inside * – 35 mm
- Sleeve length * – 218 mm
- Bobbin diameter (max.) – 120 mm
- Diameter fabric rolls (max.) – 1200 mm

* Depending on width of fabric, denier, mesh and speed quality of the tapes

Optional Features

- Programmable Logic Controller
- Guzzeting Device,
- Side and Centre Slitting Device
- Loom monitoring system @ low speeds

Special Series

GCL 6L, for Leno Fabric

GCL -6L is built to produce leno fabric with PP / HDPE tapes. PP bags produced from such leno fabric are ideally suited for packing fruits, vegetables like onion, garlic, potatoes etc. This special application loom is suited to produce leno bags and on specific demand of customer; option is available to convert the same machine for producing normal woven fabric by using a conversion kit.

Highlights

Standard Features

- Equipped with Programmable Logic Control System
- Magnetic sensor system for weft breakage
- Colour sensor systems for weft exhaust
- Effective electrical earthing system for warp breakages
- Gramophonic fabric winding system

Productivity Features

- Working width, Tubular – 310 mm – 720 mm
- Number of tapes – 576
- Number of shuttles – 6
- Weft insertion * – 300 – 420 ppm
- Energy consumption * – 3 kW
- Core diameter inside * – 35 mm
- Sleeve length * – 218 mm
- Bobbin diameter (max.) – 120 mm
- Diameter fabricrolls (max.) – 1200 mm

* Depending on width of fabric, denier, mesh and speed quality of the tapes

Optional Features

- Conversion Kit
- Pecial version available to weave fabric upto 32"

GCL 6V, for Ventilated Fabric

GCL 6V is the latest innovation in the series of looms, which is designed to produce ventilated fabric for special application to ensure air flow and reducing spoilage of perishable products like potato, onion, root vegetables, fruits and other products like firewood, sludge disposal, etc. This special loom is the result of innovative design along with latest state of art technology and skilled workmanship which gives the end product specific advantages like higher productivity at lower operating costs.

The specialised loom is offered to with facilities like Cutter, Opener and Bigger Winder. And produce FIBC packing for vegetables like onion potato etc.. For packing capacity of 500 kgs to 2,000 kgs therefore making it unique product

Highlights

Standard Features

- Equipped with Programmable Logic control system
- Magnetic sensor system for weft breakage
- Colour sensor systems for weft exhaust
- Effective electrical earthing system for warp breakages
- Gramophonic fabric winding system

Productivity Features

- Working width, lay flat – 900 mm – 1200 mm
- Number of tapes – 720
- Weft insertion * – 240 – 360 ppm
- Weft Density or Mesh – 8 -10 mesh
- Energy consumption * – 5.6 kW
- Core diameter inside * – 35 mm
- Bobbin diameter (max.) – 120 mm
- Diameter fabric rolls (max.) – 1200 mm

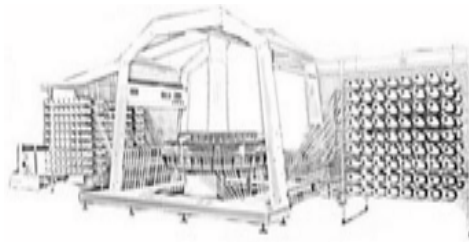
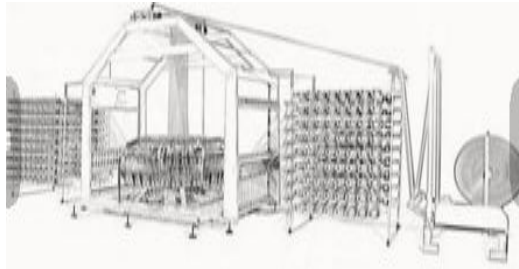
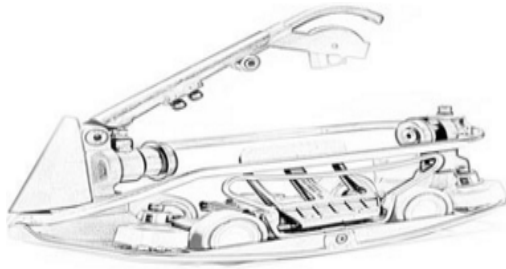
* Depending on width of fabric, denier, mesh and speed quality of the tapes

Optional Features

- Side Slitting and Centre Slitting Device
- Bigger winder
- Extra-Wide Series

Extra-Wide Series

GCL 8, 10, & 12 Shuttle Looms



Keeping in mind the stringent demands of the application and the customer, GCL brings to you the GCL 8 / 10 / 12 Series, once again showcasing its engineering excellence. Weaving at a higher level!!!!

The range of machines, 8 – 1S (74" & 83"), 10 – 1S & 12 – 1S, has been designed to deliver fabric in the width range of 65 to 110 inches at minimal operating & maintenance cost. Little wonder that these machines are the first choice of the FIBC & Tarpaulin manufacturing Industry.

Standard Features

- Warp infeed System
- Warp & Weft Break sensors
- Automatic weft cramming device
- Colour mark sensor for weft exhaust

Optional Features

- Programmable Logic Controller
- Guzzeting Device,
- Side and Centre Slitting Device
- Loom monitoring system @ low speeds

Salient Features

- Working width, double flat – 1650 – 2800 mm
- Energy consumption * – 7.10 to 14.62 kW
- Core diameter inside * – 35 mm
- Bobbin diameter (max.) – 110 mm
- Diameter fabric rolls (max.) – 1200 mm

* Depending on width of fabric, denier, mesh and speed quality of the tapes