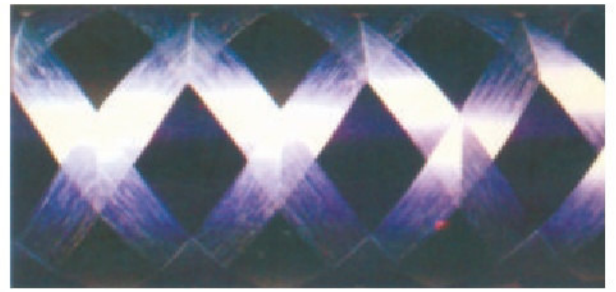


WINDING SOLUTIONS



CNC TECHNICS PVT. LTD.



CNC FILAMENT WINDING MACHINES

- **CNC** TECHNICS has been involved in **CNC** Filament Winding machines for the last 15 years and manufacture **WORLD CLASS CNC** Filament Winders at **LOW COST**.
- **CNC** also manufactures associated equipment like temperature controlled resin baths, heaters, hydraulic extractors etc.
- **CNC** Technics is headed by a first generation technocrat from one of the premier engineering institutions in the world with 28 years of experience in Industry. With an excellent team of engineers and technicians, most of the manufacturing activity is kept within our 34,000 sq. ft. of covered area. A host of **CNC** machines including a **CNC** Machining center caters to the manufacture of critical components.
- High standards of engineering coupled with sourcing of critical bought out parts from world renowned companies like **SIEMENS, ABB, THK, SBC, IGUS, GATES, SKF, BONFIGLIOLI** etc. contribute to the high reliability of the machine.
- Our Clientele includes customers from India, Australia, Brazil Colombia, Dubai, Ukraine, Kuwait, Malaysia, Netherlands, Qatar, Russia, Saudi Arabia, Singapore, Thailand, Turkey Luxembourg, United Kingdom, USA, Venezuela, Vietnam, Canada, etc.



CNC Filament Winding Technology is one of the very important processes in Composites Technology. This precise engineering concept involves the laying of fiber along with a resin system on to a mandrel in a predetermined geometrical pattern using a **CNC** Filament Winding Machine.

The major components of Filament wound products are

- Fibre
- Resins
- Tooling
- Process equipment
- Winding Software: CADFIL® from 

The unique process of **CNC** Filament Winding results in products of high strength, low weight, high corrosion resistance and find applications in the following fields.

- Pipes for water, oil, sewerage
- Waste ducts, tanks & bottles
- Storage and processing tanks
- Pressure vessels for gas, petroleum etc.
- Underground tanks
- Silos for storage / dispensing
- Cannister for rockets
- Rocket motor castings
- Torpedo components
- Electric poles & masts
- Blades for wind mills and helicopters
- Sporting goods like golf sticks & tube frames
- Components for the railways

A constant endeavour is made to manufacture high quality machines by design improvements, quality control, better material selection and ergonomics.

CNC WINDING SOLUTIONS

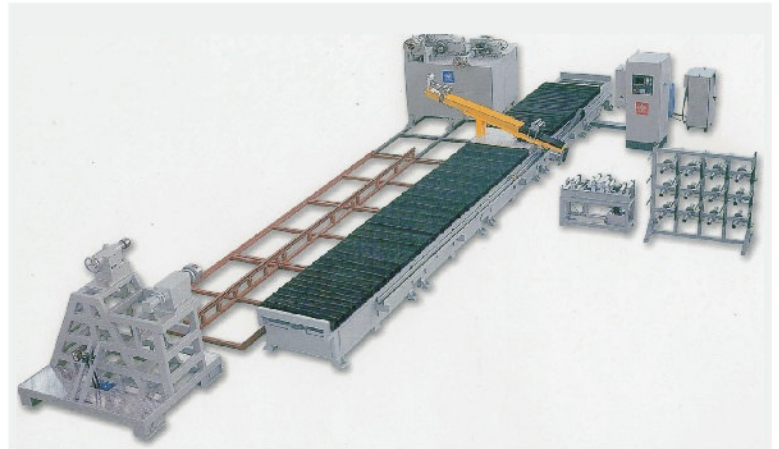


SPECIFICATIONS OF CNC FILAMENT WINDING MACHINES

- Dia 10mm to 5000mm
- LENGTH 200mm to 18meter
- 2 axes to 6 axes simultaneous **CNC** control
- Single/Multi Spindle
- Fixed/moving creel
- High speeds upto 60m/min
- Adjustable tail stock
- Fully air conditioned and sealed **CNC** control panel
- Digital AC Servo and spindle motors and drives

ACCESSORIES & ASSOCIATED EQUIPMENTS

- Mandrel preparation stations
- Bookshelf creels
- External unwinding creels
- Resin baths with temperature control
- Mandrel rotating stations
- Curing ovens
- Steel mandrels
- Filament winding software
- Hydraulic extractor
- Hydro testers
- Fully automated resin dispensers
- Tape winding attachment
- Sand filling station
- Resin metering & pumping station
- Electronic tension control system
- Pneumatic dog clutch for roller supported mandrel
- Powered tail stock
- Collapsible mandrels



5 Axes Winder



4 Axes CNC Winder Exported to United Kingdom



4 Axes 4.5m Dia Winder, Malaysia



2 Spindle 4 Axes Winder, Thailand



6 Axes CNC Winder For IIT



5 Spindle Pipe Winder With Pneumatic Locking, USA



Four Spindle Four Axes Machine, USA



2 Axes Mini Winder



Our Office Building



Design & Admin Office



Our Manufacturing Facility at Hyderabad



Our Manufacturing Facility at Vizag

CNC WINDING SOLUTIONS



24 Spool Electronic Tensioner Assembly



External Unwinding Attachment



CNC Control System



Dia 2600 , 12m Length,
20 Bar Hydrotester



Road Tanker Winding



Chop Spray & Sand Filled Pipe Machine



Gantry Type Winder, Venezuela



3 Spindle Pole Winding Machine, Australia

CNC WINDING SOLUTIONS



5 Meter Winder, Vietnam



Tank Winder, Turkey



2 Spindle Winder, Qatar



4 Axes Shell



5 Machines under assembly
at Hyderabad



Machines under assembly at our SEZ
unit in Vizag



LPG Tank Winding, Venezuela



Large Vessel

CNC WINDING SOLUTIONS

Excellent value for money - most satisfied with our purchase

(Deva Composites Ltd., United Kingdom)

The Machine is working great

(SA Robotics, USA)

The Machine is fantastic

AC Whalan, Australia (after one year operation)

I would also like to use this opportunity of communication with you to put on record kineco's sincere appreciation of the quality of your machine and the back-up service that you have provided to us over the last several years and which has enabled us to grow our business in the field of filament wound composites.

(Kineco, Goa)

"A crowning glory for Indian Technology" "A world class machine"

TIFAC (Department of Science & Technology Govt. of India)

Highly satisfactory for our critical application

(Oblum Electricals, Hyderabad)

Polydamic is VERY pleased with CNC Technics winder

(Polydamic, Malaysia)

Everything is going good with the machine.

Waterco, USA Inc.



CNC TECHNICS PVT. LTD.

3A, Type-1, Kukatpally Industrial Estate, Hyderabad 500 072. INDIA.

Tel : +91 40 2307 8000, 2307 9414, Fax : +91 40 2307 5498

e-mail : cnc@cnctechnics.com, Website : www.cnctechnics.com, www.cnctechnics.in



STAR PERFORMER IN 2004-2005
For Export of Machine Tools
as Small Enterprises



TOP EXPORTER
Silver Trophy for 2006-2007



SILVER TROPHY AWARD ISSUED BY EEPG
For Top Exporter for the year 2007-08



WINNER-2008
ICERP-JEC INNOVATION AWARD
Category: Services & Equipments



JEC INNOVATION AWARD 2009
Issued By Jec Composites France



Product Innovation Award 2009-10
Issued By FAPPCI



Exporter with highest growth
in exports, 2010-2011