

### TECHNICAL DATA FOR CREEL MODEL (CBR / CBT / CFDR / CFDT / CBRH)

1.	Center distance	- vertical	180 mm	240 mm	280 mm	320 mm	280 mm
		- horizontal	180 mm	240 mm	280 mm	320 mm	280 mm
2.	No. of vertical rows		10	8	7	6	8
3.	No. of horizontal row		8	6	6	6	6
4.	Total package on one side of frame		80	48	42	36	48
5.	No. of pegs in each trolley/frame		160	96	84	72	96
6.	Creel dimensions (height)		2500 mm	2500 mm	2500 mm	2500 mm	2800 mm

Specifications are subject to change due to continuous technical developments.

#### We also offer

- Conventional creel - Type PT
- Centrally controlled creel - Type CK
- Unrolling creel for Poly Beamer & Technical Textile
- Specialised creel for Draw Warper

Prashant group offers following tensioner as per customer requirement



OPTO



EMT-TS



HD



PT



CK



MT



CFD



MFD

## HIGH PERFORMANCE WARPING CREEL

Unmatched Precision - Uniform Tension



Model: CB



Model: CFD



**PRASHANT GAMATEX**

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(ISO 9001:2014 certified company)

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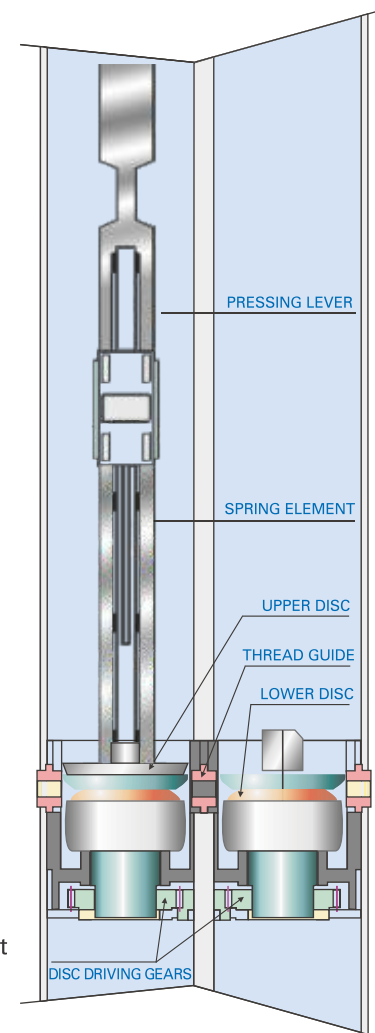
**PRASHANT GAMATEX**

A perfect warp can only be produced when the tension of each end is constant irrespective of warping speed, package diameter or type of yarn.

We offer highly sophisticated warp creel which is a technological innovation to meet highest standard for preparing PERFECT BEAM which in turn helps to improve your weaving efficiency.

### Creel CB

- The threads are drawn through the slim tensioner profiles made from galvanized steel for durability and smooth finish.
- The yarn from package is drawn out through two pairs of discs and three guide eyelets arranged in a straight line for extremely easy and simple threading of the yarn by a hook.
- Tension is activated by high precision dual acting stainless steel spring element.
- This positive tensioning device ensures precise and uniform tension control.
- Motorised centrally controlled tensioners to get equal tension at both sides of the creel. We provide separate PLC on creel, which will interface with main PLC under close loop controls. (Standard with Lasertronic Model)
- Continuous rotating tensioner by central drive to minimise any fluff accumulation in sideways and ensures uniform tension.



### INTEGRATED AIR BLOWING DEVICE (Optional with CB creel)

For staple fibre warping, tensioner discs need to be cleaned continuously by removing fluff generated during warping process. We provide integrated compact cleaning system which blow the compressed air at regular intervals to clean the discs and helps to maintain correct yarn tension. This system can be programmed to save air & power substantially.

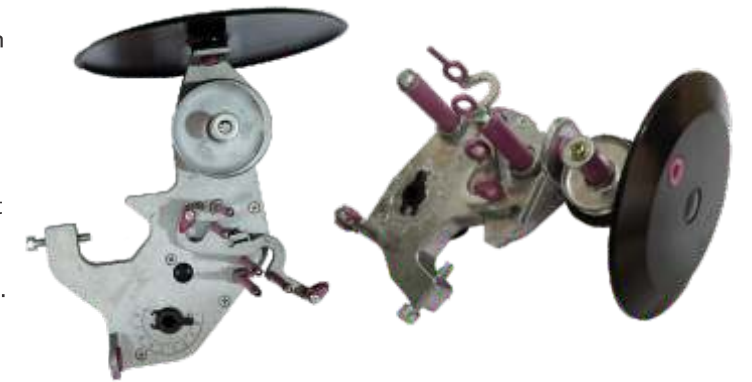


### OPTICAL SENSING STOP MOTION

Optical sensing, contact less stop-motion arrangements for highly sensitive and quick response braking performance. The new system fitted with relay blocking device to identify the exact thread snap and to avoid other bulb glowing in case of yarn slackness while machine stops.

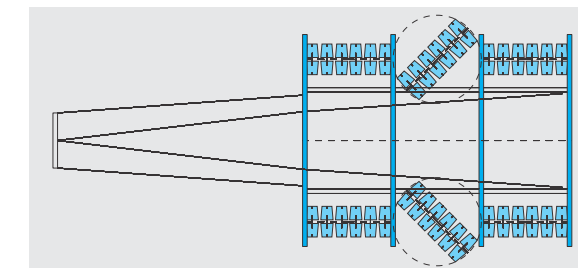
### Creel CFD / MFD

- Sturdy and modular construction having strong base with tubular supports
- Self compensating tensioner ensures equal yarn tension irrespective of size of package diameter.
- The spring element installed in a special oil bath which dampens the surge while drawing yarn.
- Very precise tension regulation at different speed and at any winding density.
- At the entry, big disc controls the ballooning of the yarn.
- Each vertical row of tensioners are centrally adjusted.
- The movable tensioner frames facilitate, to adjust optimum ballooning distance between package and tensioner.
- The scale is provided over the hand wheel for equal adjustment on both the sides of creel.
- Suspended tensioner frames allows to clean the floor space conveniently.
- Both the side of creel tensioners are adjusted centrally with a push buttons by a Servo Motor for precise setting of equal tension. (Standard with Lasertronic Model)



### REVOLVING TYPE

- Draw-off inward type system.
- Package holder are on both the sides of each revolving modular frame.
- New set of Package feeding is very easy and convenient from outside
- Recreeling is possible during warping operation.
- Does not require any extra space on floor for next set of yarn package.



### TROLLEY TYPE

- Draw-off outward type system.
- Double sided package trolley for easy loading and unloading.
- Special arrangement for turning trolley at 360° on the spot.
- The trolley is also provided with top ball bearing for free running in the creel with top guide.
- Second set of trolley can be reloaded outside the creel.

